04 June 2018

2126171_LET_factual letter 16

[redacted]
Project Director – JBRF & HMAS Creswell
PFAS Investigation and Management Branch
Department of Defence

Dear [redacted]

JBRF & HMAS Creswell- Environmental investigation: Preliminary sampling results Aquatic ecology from the unnamed ponds (processed by 31 May 2018)

1 Introduction

GHD Pty Ltd (GHD), on behalf of the Department of Defence (Defence), is undertaking the Environmental Investigation in and around Jervis Bay Range Facility (JBRF) and HMAS Creswell, within the Jervis Bay Territory (JBT) (the Site). This report includes data that has been collected and processed as at 31 May 2018, from freshwater aquatic sampling program from the unnamed ponds.

It should be noted that these data are provided for information purposes only and that the use of these data should take into account factors that have been used to develop the conceptual site model (as presented in GHD's Sampling, Analysis and Quality Plan).

GHD will continue to provide results from further sampling, following the processing of the data.

2 Purpose

The purpose of the provision of preliminary data is to allow Defence and other stakeholders, including NSW and ACT Governments to view the data prior to its use in the technical reports for the Environmental Investigations.

3 Laboratory Analysis

Upon collection, the samples were sent under Chain of Custody (CoC) conditions to the following National Association of Testing Authorities (NATA) accredited laboratories:

- ALS Environmental, 277-289 Woodpark Road Smithfield, NSW, 2164
- National Measurement Institute (NMI), 105 Delhi Road, North Ryde, NSW 2113

4 Preliminary Results Tables

The preliminary results are provided in the attached tables.

The data is not for public distribution.

GHD Pty Ltd ABN 39 008 488 373
Level 15, 133 Castlereagh Street Sydney NSW 2000 Australia
T 61 2 9239 7100 **F** 61 2 9239 7199 **E** sydmail@ghd.com **W** www.ghd.com

5 Closure

GHD trusts the above information is suitable for Defence requirements.

Yours Sincerely
GHD Pty Ltd

[redacted]

Enclosures:

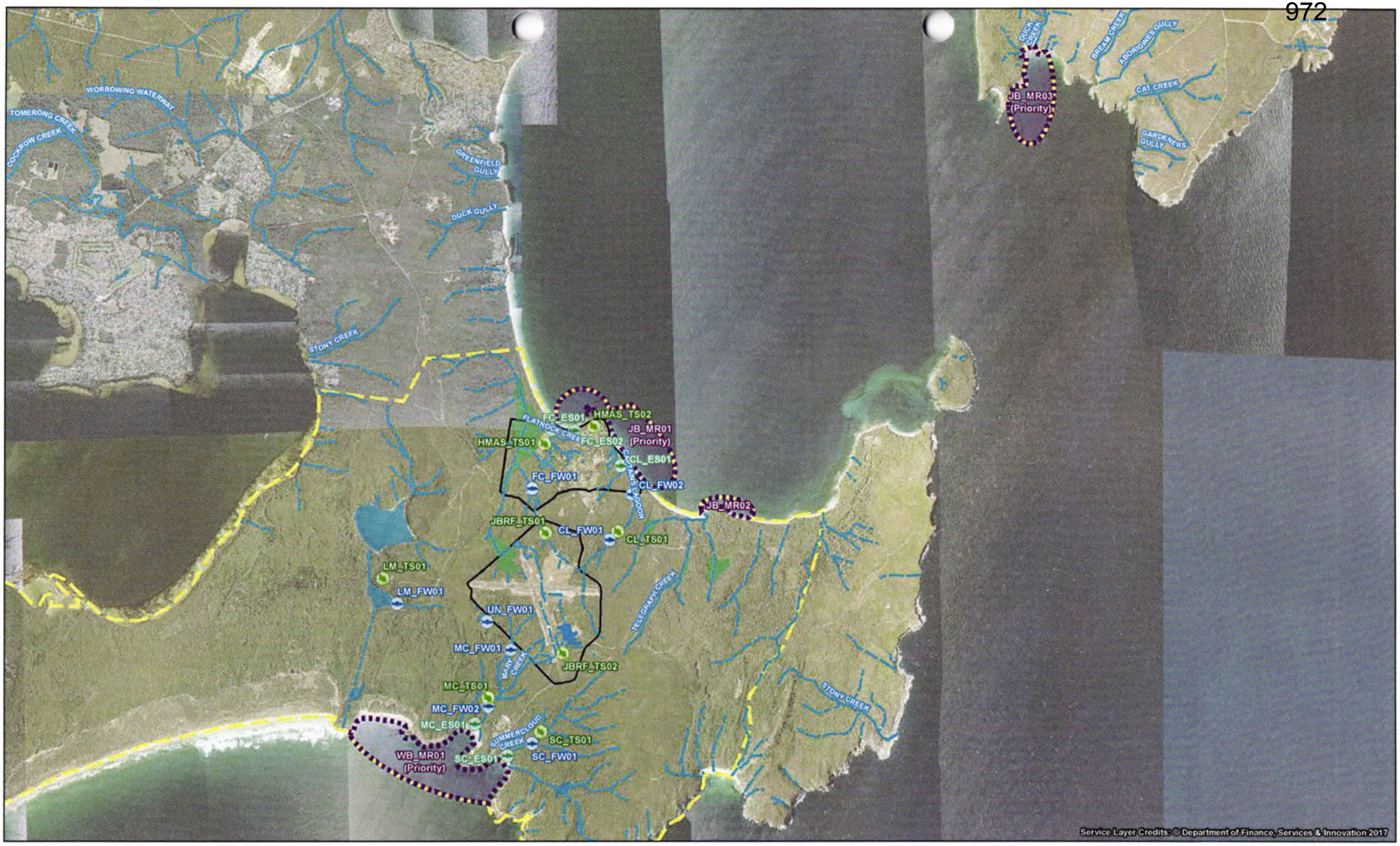
Figure 1: Biota Sample Locations

Figure 2A: Concentrations of PFHxS + PFOS (Sum) - Invertebrates

Figure 2B: Concentrations of PFHxS + PFOS (Sum) - Plants

Table 1: Biota Results – Unnamed Ponds

"GHD has prepared this Letter on the basis of information provided by ALS Environmental and others who provided information to GHD, which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the letter which were caused by errors or omissions in that information."



Paper Size A3

0 345 690 1,380 2,070

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

N

LEGEND

- Investigation Area Extent
- Jervis Bay Range Facility
- HMAS Creswell
- Water Bodies
- Drainage Areas
- Major Waterways
- Minor Waterways / Drainage Lines
- Minor Waterways / Drainage Lines (Defence)
- Estaurine Species Sampling Location
- Freshwater Species Sampling Location
- Terrestrial Species Sampling Location
- Marine Species Sampling Area (Approximate)

Department of Defence

Job Number	21-26171
Revision	A
Date	27 Apr 2018

Biota Sample Locations

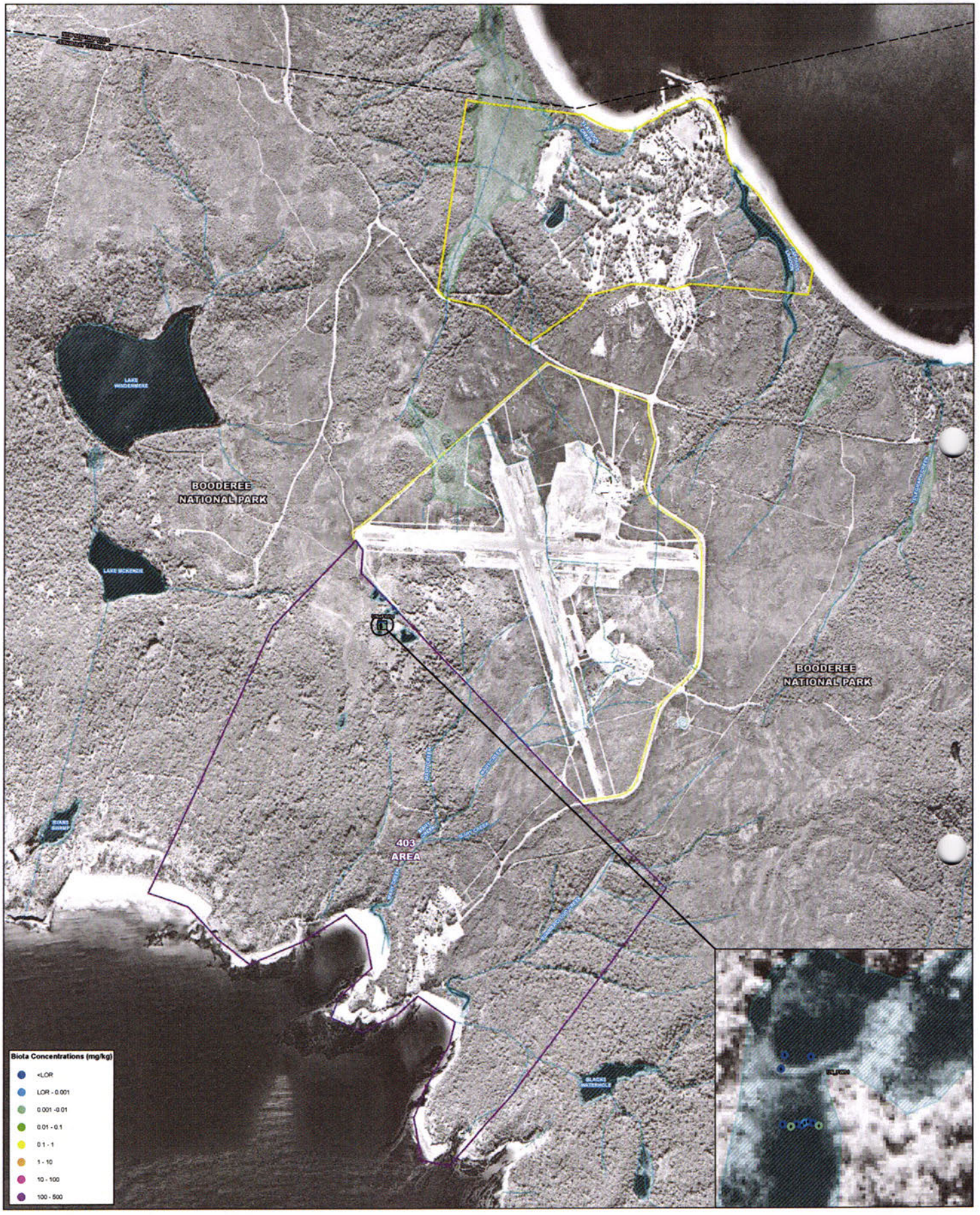
Figure 1

G:\21\26171\GIS\Maps\Deliverables\21_26171_2020_EcologyMarine.mxd

© 2018. Whilst every care has been taken to prepare this map, GHD and NSW LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: Imagery - Land and Property Information (Imagery Extracted: 2017/09/21); Streets, Waterways - NSW LPI 2015 DTDB; Contours - NSW LPI 2016. Created by mweber

Level 15, 133 Castlereagh Street Sydney NSW 2000 T 61 2 9239 7100 F 61 2 9239 7199 E sydmail@ghd.com.au W www.ghd.com.au



LEGEND

- HMAS Creswell / JBRF Boundary
- HMAS Creswell
- 403 Area
- Ecology Sampling Area
- Water Bodies
- Drainage Areas
- Major Waterways
- Collected Invertebrate Samples

0 100 200 400 600 800
Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

N

GHD nearmap.com

Department of Defence
HMAS Creswell and Jervis Bay Range Facility

Concentrations of PFHxS + PFOS (Sum) - Invertebrates

Job Number	21-26171
Revision	A
Date	01 Jun 2018

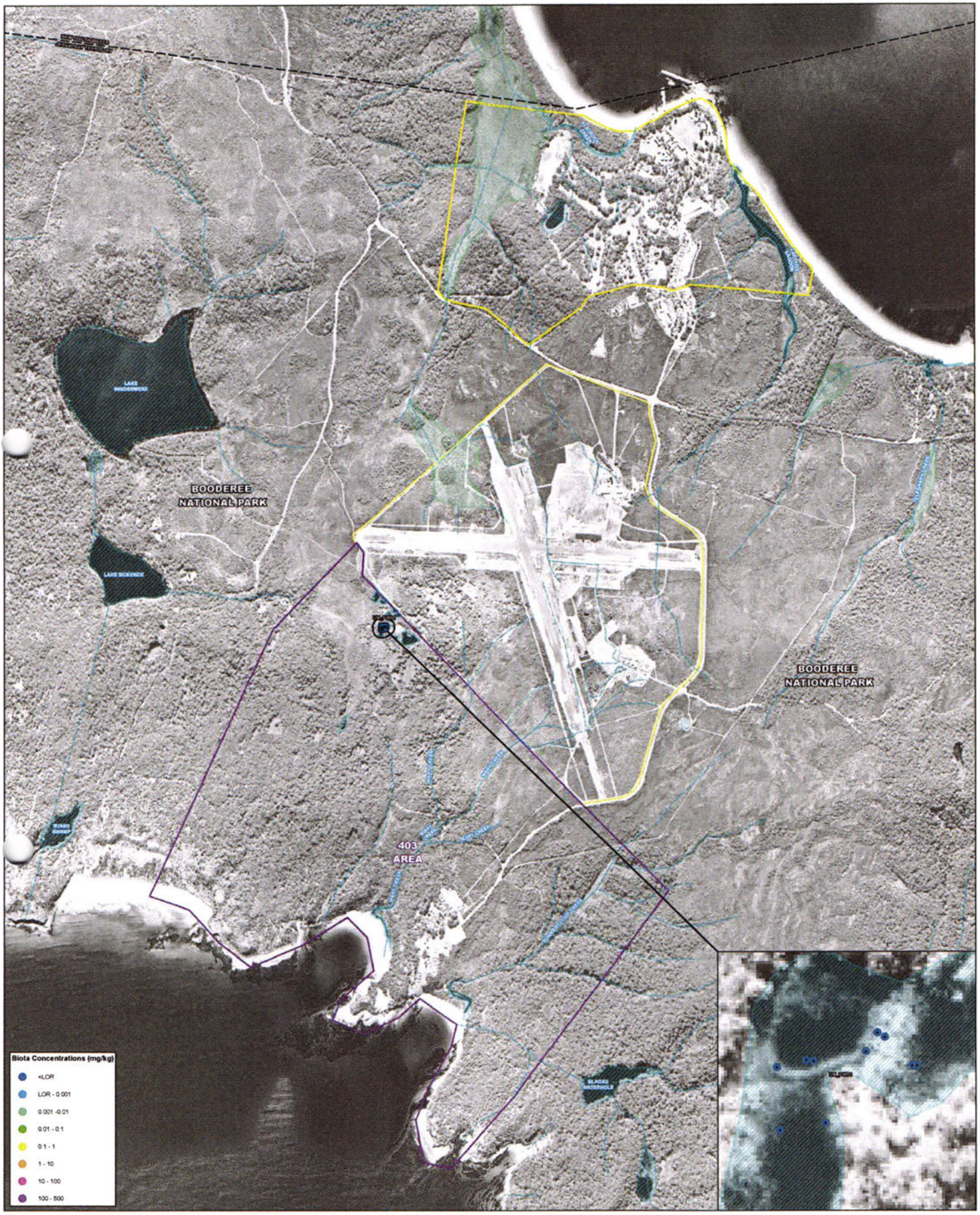
Figure 2A

G:\21\26171\GIS\Maps\Deliverables\Concentrations\21_26171_Z026_Biota_FW_Invertebrate_Concentrations.mxd

© 2018. Whilst every care has been taken to prepare this map, GHD and NSW LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: Imagery - Land and Property Information (2017); Streets, Waterways, Contours - NSW LPI 2015 DTDB; Contours - NSW LPI 2016. Created by: mweber

Level 15, 133 Castlereagh Street Sydney NSW 2000 T 61 2 9239 7100 F 61 2 9239 7199 E sydmail@ghd.com.au W www.ghd.com.au



LEGEND

- HMAS Creswell / JBRF Boundary
- HMAS Creswell
- 403 Area
- Ecology Sampling Area
- Water Bodies
- Drainage Areas
- Major Waterways
- Collected Plant Samples

0 100 200 400 600 800
Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

N

GHD nearmap.com

Department of Defence
HMAS Creswell and Jervis Bay Range Facility

Concentrations of PFHxS + PFOS (Sum) - Plants

Job Number	21-26171
Revision	A
Date	01 Jun 2018

Figure 2B

N:\AU\Sydney\Projects\21\26171\GIS\Maps\Deliverables\Concentrations\21_26171_Z027_Biota_FW_Plant_Concentrations.mxd

© 2018. Whilst every care has been taken to prepare this map, GHD and NSW LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: Imagery - Land and Property Information (2017); Streets, Waterways, Contours - NSW LPI 2015 DTDB; Contours - NSW LPI 2016. Created by: mweber

Level 15, 133 Castlereagh Street Sydney NSW 2000 T 61 2 9239 7100 F 61 2 9239 7199 E sydmail@ghd.com.au W www.ghd.com.au

Table 1: Biota Results - Unnamed Ponds

Location_Code	Location_Type	Field_ID	Matrix_Description	Sample_Type	SampleComments	Sampled_Date_Time	Weight of Sample Prepared	PFAS: Perfluorodecanesulfonic acid (PFDS)	PFOS/PFHxS (Sum of Total) - Auto Calc	N-Methyl perfluorooctane sulfonamidoethanol	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	Perfluoroheptane sulfonic acid	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	Perfluorooctane sulfonic acid (PFOS) - Branched	Perfluorooctane sulfonic acid (PFOS) - Linear	Perfluorohexane sulfonic acid (PFHxS)	Perfluoropentanoic acid (PFPeA)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoethanol	N-Methyl perfluorooctane sulfonamide (MeFOSA)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	Perfluorooctanoic acid (PFOA)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctane sulfonamide (FOSA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	PFAS (Sum of Total)
							g	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
							0.1	0.002		0.002	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.005	0.002	0.001	0.001	0.005	0.001	0.002	0.001	0.001	0.001	0.001	0.005	0.002	0.002	0.001	0.001
UN_FW01_BIOTA	BT	UN_FW01_IM001_180416	Dragonfly, Whole	Normal		16/04/2018	1.4	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_IM002_180416	Dragonfly, Whole	Normal		16/04/2018	2.1	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_IM003_180416	Dragonfly, Whole	Normal		16/04/2018	3	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_IM004_180416	Dragonfly, Whole	Normal		16/04/2018	3	<0.002	0.001	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	0.001	<0.005	<0.002	<0.002	<0.001	0.001
UN_FW01_BIOTA	BT	UN_FW01_IM005_180416	Dragonfly, Whole	Normal		16/04/2018	2.5	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_IM006_180416	Corixidae, Whole	Normal		16/04/2018	1.3	<0.003	0	<0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.003	<0.002	<0.002	<0.002	<0.004	<0.004	<0.005	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.005	<0.004	<0.002	<0.002	<0.002
UN_FW01_BIOTA	BT	TS_QC105_180416	Corixidae, Whole	Field_D	UN_FW01_IM006_180416	16/04/2018	4.7	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_IM007_180416	Corixidae, Whole	Normal		16/04/2018	2.9	<0.002	0	<0.004	<0.001	<0.001	<0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.004	<0.004	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.004	<0.002	<0.001	0.002
UN_FW01_BIOTA	BT	UN_FW01_IM008_180416	Corixidae, Whole	Normal		16/04/2018	2.1	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_IM009_180416	Corixidae, Whole	Normal		16/04/2018	1.7	<0.002	0.003	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	0.002	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	0.006	<0.001	<0.001	0.038	<0.001	<0.002	<0.001	<0.001	<0.001	0.003	<0.005	<0.002	<0.002	<0.001	0.047
UN_FW01_BIOTA	BT	UN_FW01_IM010_180416	Corixidae, Whole	Normal		16/04/2018	1.8	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	0.032	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	0.032
UN_FW01_BIOTA	BT	UN_FW01_IM011_180416	FW Beetle, Whole	Normal		16/04/2018	3.6	<0.002	0.005	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	0.001	0.004	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	0.005	<0.005	<0.002	<0.002	<0.001	0.005
UN_FW01_BIOTA	BT	UN_FW01_P001_180416	Macrophyte, Plant	Normal		16/04/2018	23.8	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_P002_180416	Macrophyte, Plant	Normal		16/04/2018	19.8	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_P003_180416	Macrophyte, Plant	Normal		16/04/2018	8.5	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	TS_QC101_180416	Macrophyte, Plant	Field_D	UN_FW01_P003_180416	16/04/2018	12.1	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_P004_180416	Macrophyte, Plant	Normal		16/04/2018	16.4	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_P005_180416	Macrophyte, Plant	Normal		16/04/2018	6.9	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_P006_180416	Macrophyte, Plant	Normal		16/04/2018	66.8	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	TS_QC102_180416	Macrophyte, Plant	Field_D	UN_FW01_P006_180416	16/04/2018	92.4	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_P007_180416	Macrophyte, Plant	Normal		16/04/2018	31.1	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_P008_180416	Macrophyte, Plant	Normal		16/04/2018	241	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_P009_180416	Macrophyte, Plant	Normal		16/04/2018	21.3	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001
UN_FW01_BIOTA	BT	UN_FW01_P010_180416	Macrophyte, Plant	Normal		16/04/2018	47	<0.002	0	<0.002	<0.001	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.001	<0.001	<0.005	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.002	<0.002	<0.001	<0.001

Stedman, Andrew (Health)

From: [redacted]>
Sent: Thursday, 7 June 2018 7:56 AM
To: [redacted]; Clapham, David; Chester, Heath; [redacted]; Stedman, Andrew (Health); [redacted] Hudson, Lyndell (Health); [redacted]
Subject: JBRF PFAS Investigation Factual Letter 14
Attachments: 2126171_LET_factual letter 14_ June 2018.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Dear PCG,

Attached for your information is Factual letter 14 Preliminary sampling results Dry weather soil and water.

Regards,

[redacted]

GHD
[redacted]
Level 2, 57 Graham Street (PO Box 621) Nowra NSW 2541 Australia | http://www.ghd.com/
Water | Energy & Resources | Environment | Property & Buildings | Transportation

CONFIDENTIALITY NOTICE: This email, including any attachments, is confidential and may be privileged. If you are not the intended recipient please notify the sender immediately, and please delete it; you should not copy it or use it for any purpose or disclose its contents to any other person. GHD and its affiliates reserve the right to monitor and modify all email communications through their networks.

05 June 2018

2126171_LET_factual letter 14

[redacted]
Project Director – JBRF & HMAS Creswell
PFAS Investigation and Management Branch
Department of Defence

Dear [redacted]

JBRF & HMAS Creswell- Environmental investigation: Preliminary soil and water sampling results from dry weather offsite investigations (processed by 31 May 2018)

1 Introduction

GHD Pty Ltd (GHD), on behalf of the Department of Defence (Defence), is undertaking the Environmental Investigation in and around Jervis Bay Range Facility (JBRF) and HMAS Creswell, within the Jervis Bay Territory (JBT) (the Site). This report includes data that has been collected and processed as at 31 May 2018, primarily for the offsite sampling program.

It should be noted that these data are provided for information purposes only and that the use of these data should take into account factors that have been used to develop the conceptual site model (as presented in GHD's Sampling, Analysis and Quality Plan).

GHD will continue to provide results from further sampling, following the processing of the data.

2 Purpose

The purpose of the provision of preliminary data is to allow Defence and other stakeholders, including NSW and ACT Governments to view the data prior to its use in the technical reports for the Environmental Investigations.

3 Laboratory Analysis

Upon collection, the samples were sent under Chain of Custody (CoC) conditions to the following National Association of Testing Authorities (NATA) accredited laboratories:

- ALS Environmental, 277-289 Woodpark Road Smithfield, NSW, 2164
- Eurofins | mgt, Unit F3, Building F, 16 Mars Road, Lane Cove West, NSW, 2066

4 Preliminary Results Tables

The preliminary results are provided in the attached figures and tables.

Some of the data used to generate the thematic colour coding for sample locations shown in Figure 1 and Figure 2 has been provided previously and has not been repeated in the tables attached to this letter for brevity.

The data is not for public distribution.

GHD Pty Ltd ABN 39 008 488 373
Level 15, 133 Castlereagh Street Sydney NSW 2000 Australia
T 61 2 9239 7100 **F** 61 2 9239 7199 **E** sydmail@ghd.com **W** www.ghd.com

5 Closure

GHD trusts the above information is suitable for Defence requirements.

Yours Sincerely
GHD Pty Ltd

[redacted]

Enclosures:

Figure 1: Concentration plan for PFHxS and PFOS (sum) – Soil and Sediment

Figure 2: Concentration plan for PFHxS and PFOS (sum) – Surface Water and Groundwater

Table 1: Dry Weather Water Results - PFAS

Table 2: Dry Weather Water Results - Ions, Metals and Nutrients

Table 3: Dry Weather Water Results - BTEXN, TRH, Phenols, Phthalates, PAHs, MAH, Herbicides, Dioxins, Furans and Explosives

Table 4: Dry Weather Water Results - VOCs, Nitroaromatics, Nitroamines and SVOCs

Table 5: Dry Weather Water Results - OCP, OPP, Halogenated Hydrocarbons, Chlorinated Hydrocarbons

Table 6: Dry Weather Soil Results – PFAS

Table 7: Dry Weather Soil Results - Particle Size Analysis, Inorganics, Cations, TOC and Metals

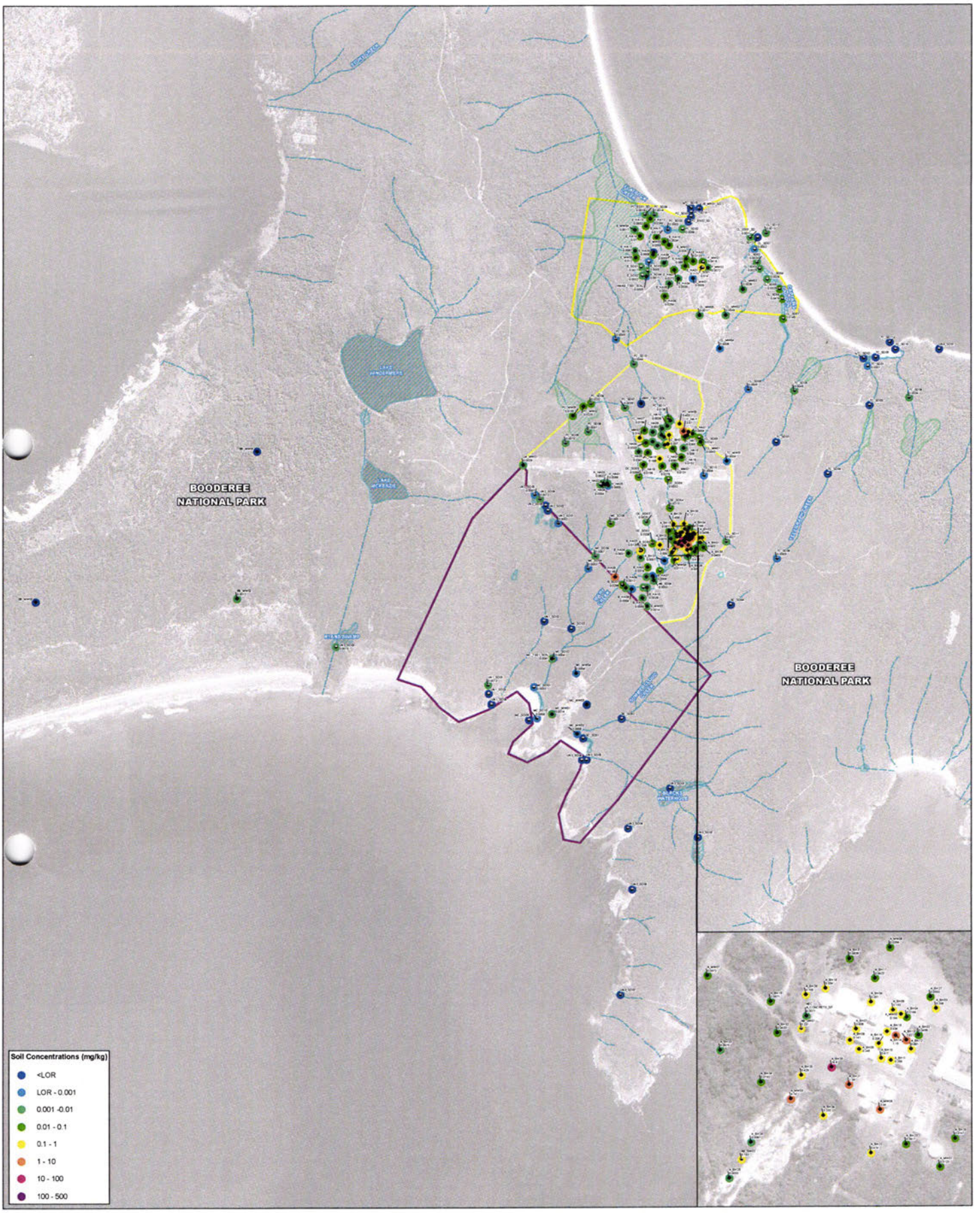
Table 8: Dry Weather Soil Results - BTEXN, TRH, Phenols, Phthalates, PAHs, MAH, Herdicides, Dioxins, Furans

Table 9: Dry Weather Soil Results - VOCs, SVOCs

Table 10: Dry Weather Soil Results - OCP, OPP, Halogenated Hydrocarbons, Chlorinated Hydrocarbons, Explosives

Table 11: Dry Weather Soil Leachate Results – PFAS

"GHD has prepared this Letter on the basis of information provided by ALS Environmental and others who provided information to GHD, which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the letter which were caused by errors or omissions in that information."



LEGEND

- HMAS Creswell / JBRF Boundary
- Water Bodies
- Drainage Areas
- Major Waterways
- Soil Sample
- Sediment Sample

DRAFT

0 250 500 1,000
Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

N

GHD

Department of Defence
HMAS Creswell and Jervis Bay Range Facility

Concentration plan for PFHxS and PFOS (sum) - Soil and Sediment

Job Number	21-26171
Revision	A
Date	10 May 2018

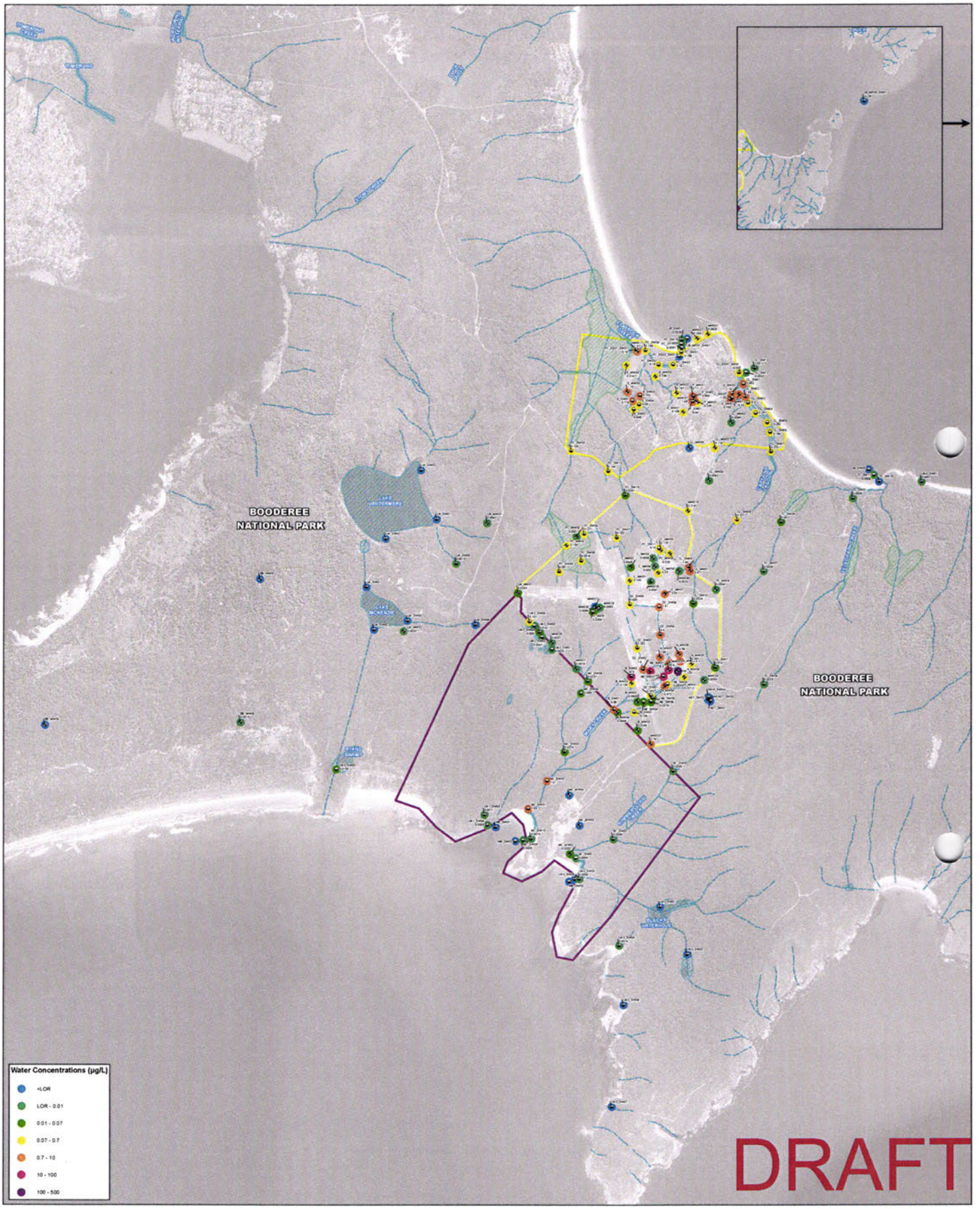
Figure 1

G:\21\26171\GIS\Maps\Deliverables\Concentrations\21_26171_Z010_Concentrations_PFHxS_Soil_PORTRAIT.mxd

© 2018. Whilst every care has been taken to prepare this map, GHD and NSW LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: Imagery - Land and Property Information (2017). Streets, Waterways, Contours - NSW LPI 2015 DTDB; Contours - NSW LPI 2016. Created by:mweber

Level 15, 133 Castlereagh Street Sydney NSW 2000 T 61 2 9239 7100 F 61 2 9239 7199 E sydmail@ghd.com.au W www.ghd.com.au



LEGEND

- HMAS Creswell / JBRF Boundary
- Water Bodies
- Drainage Areas
- Major Waterways
- Groundwater Sample
- Surface Water sample

0 250 500 1,000
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

N

Department of Defence
HMAS Creswell and Jervis Bay Range Facility

Concentration plan for PFHxS and PFOS (sum) - Surface Water and Groundwater

Job Number	21-26171
Revision	A
Date	05 Jun 2018

Figure 2

N:\AU\Sydney\Projects\21\26171\GIS\Maps\Deliverables\Concentrations\21_26171_Z011_Concentrations_PFHxS_Water_Dry.mxd

© 2018. Whilst every care has been taken to prepare this map, GHD and NSW LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: Imagery - Land and Property Information (2017); Streets, Waterways, Contours - NSW LPI 2015 DTDB; Contours - NSW LPI 2016. Created by mweber

Level 15, 133 Castlereagh Street Sydney NSW 2000 T 61 2 9239 7100 F 61 2 9239 7199 E sydmail@ghd.com.au W www.ghd.com.au

PFAS

Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date	Perfluorodecanesulfonic acid (PFDS)	N-Methyl perfluorooctane sulfonamidoethanol	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	Perfluoroheptane sulfonic acid	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoropentanoic acid (PFPeA)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoethanol	N-Methyl perfluorooctane sulfonamide (MeFOSA)	6:2 Fluorotelomer Sulfonate (6:2 FTS)
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR					0.0005	0.001	0.0005	0.0005	0.001	0.001	0.0005	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.001	0.001
Bherwerre Barrier	BB_MW01	BB_MW01_180412		12/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Bherwerre Barrier	BB_MW02	BB_MW02_180412		12/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0007	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Bherwerre Barrier	BB_MW03	BB_MW03_180412		12/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Bherwerre Barrier	BB_MW03	BB_QC111_180412	BB_MW03_180412	12/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Captains Lagoon	CL_MW02	CL_MW02_180410		10/04/2018	<0.002	<0.005	<0.002	<0.002	<0.002	<0.002	0.0124	<0.002	0.0882	<0.002	<0.002	<0.005	<0.005	<0.005	<0.002
Captains Lagoon	CL_MW02	CL_QC211_180410	CL_MW02_180410	10/04/2018	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	0.001	<0.005	<0.005	<0.005	<0.005
Captains Lagoon	CL_MW04	CL_MW04_180410		10/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0062	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Captains Lagoon	CL_MW05	CL_MW05_180410		10/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Captains Lagoon	CL_ES01_SW	CL_ES01_SW01_180228		28/02/2018	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.22	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05
Captains Lagoon	CL_ES02_SW	CL_ES02_SW0.5_180420		20/04/2018	<0.05	<0.12	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.41	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05
Captains Lagoon	CL_FW01_SW	CL_FW01_SW0.2_180409		9/04/2018	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	0.14	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
Captains Lagoon	CL_SW12	CL_SW12_180326		26/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0013	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Captains Lagoon	CL_SW12	CL_QC206_180326	CL_SW12_180326	26/03/2018	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005
Captains Lagoon	CL_SW13	CL_SW13_180326		26/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0006	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Flatrock Creek	FC_ES01_SW	FC_ES01_SW01_180222		22/02/2018	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05
Flatrock Creek	FC_ES02_SW	FC_ES02_SW01_180222		22/02/2018	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05
Flatrock Creek	FC_SW13	FC_SW13_180321		21/03/2018	<0.0005	<0.001	<0.0005	0.0016	<0.001	<0.001	<0.0005	<0.0005	0.0516	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Flatrock Creek	FC_SW14	FC_SW14_180406		6/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0056	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Flatrock Creek	FC_SW15	FC_SW15_180406		6/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
HMAS Creswell	MW007	0020_MW007_180411		11/04/2018	<0.0005	<0.001	<0.0005	0.0055	<0.001	<0.001	0.0096	<0.0005	0.136	0.0083	<0.001	<0.001	<0.001	<0.001	<0.001
HMAS Creswell	MW12	0020_MW12_180410		10/04/2018	<0.0005	<0.001	<0.0005	0.149	<0.001	<0.001	0.0508	<0.0005	1.3	0.0256	<0.001	<0.001	<0.001	<0.001	<0.001
Jervis Bay	JB_MR01_SW	JB_MR01_SW01		12/03/2018	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05
Jervis Bay	JB_MR02_SW	JB_MR02_SW0.50_180314		14/03/2018	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05
Jervis Bay	JB_MR03_SW	JB_MR03_SW01		14/03/2018	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05
Jervis Bay	JB_SW01	JB_SW01_180406		6/04/2018	0.0009	0.001	0.0006	0.0017	<0.001	0.002	0.0015	<0.0005	0.002	0.002	0.001	0.002	<0.001	<0.001	0.002
Jervis Bay	JB_SW02	JB_SW02_180326		26/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Jervis Bay	JB_SW03	JB_SW03_180326		26/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Lake McKenzie	LM_MW02	LM_MW02_180413		13/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0018	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Lake McKenzie	LM_MW02	LM_MW02_PRE_180413		13/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Lake McKenzie	LM_FW01_SW	LM_FW01_SW0.5_180405		5/04/2018	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
Lake Windermere	LW_MW01	LW_MW01_180412		12/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0016	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Lake Windermere	LW_SW05	LW_SW05_180406		6/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0006	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_MW02	MC_MW02_180411		11/04/2018	<0.0005	<0.001	<0.0005	0.0012	<0.001	<0.001	0.0013	<0.0005	0.0181	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_MW04	MC_MW04_180411		11/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_ES01_SW	MC_ES01_SW0.2_180410		10/04/2018	<0.02	<0.05	<0.02	0.02	<0.05	<0.05	0.02	<0.02	0.59	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
Mary Creek	MC_FW01_SW	MC_FW01_SW0.1_180418		18/04/2018	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
Mary Creek	MC_MW03	MC_MW03_180411		11/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_SW01	MC_SW01_180320		20/03/2018	<0.0005	<0.001	<0.0005	0.0437	<0.001	<0.001	0.0305	<0.0005	0.803	0.0039	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_SW02	MC_SW02_180323		23/03/2018	0.003	<0.001	<0.0005	0.026	<0.001	<0.001	0.0115	<0.0005	0.446	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_SW03	MC_SW03_180323		23/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	0.0006	<0.0005	0.0193	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_SW04	MC_SW04_1804		19/04/2018	<0.0005	<0.001	<0.0005	0.0007	<0.001	<0.001	<0.0005	<0.0005	0.033	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_SW06	MC_SW06_180406		6/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0097	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_SW09	MC_SW09_180328		28/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_SW09	MC_QC109_180328	MC_SW09_180328	28/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Mary Creek	MC_SW10	MC_SW10_180320		20/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Summercloud Creek	SC_ES01_SW	SC_ES01_SW0.5_180404		4/04/2018	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
Summercloud Creek	SC_SW01	SC_SW01_180323		23/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0012	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Summercloud Creek	SC_SW02	SC_SW02_180323		23/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Summercloud Creek	SC_SW02	SC_QC106_180323	SC_SW02_180323	23/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Summercloud Creek	SC_SW03	SC_SW03_180323		23/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Telegraph Creek	TC_SW01	TC_SW01_180321		21/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Telegraph Creek	TC_SW05	TC_SW05_180320		20/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	0.0007	<0.0005	0.0201	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Telegraph Creek	TC_SW06	TC_SW06_180320		20/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0014	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Telegraph Creek	TC_SW07	TC_SW07_180321		21/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.002	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Telegraph Creek	TC_SW10	TC_SW10_180326		26/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Telegraph Creek	TC_SW11	TC_SW11_180326		26/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN_FW01_SW	UN_FW01_SW0.2_180416		16/04/2018	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
Unnamed Water Bodies	UN_FW01_SW	TS_QC104_180416	UN_FW01_SW0.2_180416	16/04/2018	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05
Unnamed Water Bodies	UN1_SW03	UN1_SW03_180327		27/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN1_SW04	UN1_SW04_180327		27/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN2_SW01	UN2_SW01_180322		22/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0008	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN2_SW01	UN2_QC102_180322	UN2_SW01_180322	22/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0006	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN2_SW02	UN2_SW02_180322		22/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0029	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN2_SW02	UN2_QC202_180322	UN2_SW02_180322	22/03/2018	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	0.004	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005
Unnamed Water Bodies	UN2_SW03	UN2_SW03_180322		22/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0087	0.0034	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN2_SW04	UN2_SW04_180322		22/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0049	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN2_SW05	UN2_SW05_180322		22/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	0.0015	<0.0005	0.0466	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN3_SW01	UN3_SW01_180405		5/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN3_SW02	UN3_SW02_180403		3/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180319		19/03/2018	<0.0005	<0.001	<0.0005	0.0005	<0.001	<0.001	0.0005	<0.0005	0.0086	<0.0005	<0.001	<0.001	<0.001	<0.001	0.003
Unnamed Water Bodies	UN3_SW04	UN3_SW04_180405		5/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0011	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN3_SW05	UN3_SW05_180328		28/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN3_SW06	UN3_SW06_180328		28/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN3_SW06	UN_QC209_180328	UN3_SW06_180328	28/03/2018	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005
Unnamed Water Bodies	UN3_SW07	UN3_SW07_180403		3/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN3_SW08	UN3_SW08_180403		3/04/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Unnamed Water Bodies	UN4_SW01	UN4_SW01_180326		26/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Wreck Bay	WB_SW01	WB_SW01_180328		28/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Wreck Bay	WB_SW02	WB_SW02_180328		28/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001
Wreck Bay	WB_SW03	WB_SW03_180328		28/03/2018	<0.0005	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001

Field ID	Perfluorooctanoic acid (PFOA)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctane sulfonamide (FOSA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of PFHxS and PFOS
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR	0.0005	0.0005	0.002	0.0005	0.0005	0.0005	0.0005	0.0005	0.0003	0.0005	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003
BB_MW01_180412	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
BB_MW02_180412	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	0.0015	0.0015	0.0015
BB_MW03_180412	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
BB_QC111_180412	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
CL_MW02_180410	0.0034	0.0104	<0.002	<0.002	<0.002	<0.002	0.0112	<0.002	0.028	<0.002	<0.005	<0.002	<0.002	0.154	0.143	0.116
CL_QC211_180410	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001
CL_MW04_180410	<0.0005	0.0008	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	0.007	0.0062	0.0062
CL_MW05_180410	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
CL_ES01_SW01_180228	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	0.37	<0.05	<0.12	<0.05	<0.05	0.59	0.59	0.59
CL_ES02_SW0.5_180420	<0.05	0.05	<0.2	<0.05	<0.05	<0.05	0.1	<0.05	0.26	<0.05	<0.12	<0.05	<0.05	0.87	0.77	0.67
CL_FW01_SW0.2_180409	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	0.14	<0.02	<0.05	<0.02	<0.02	0.28	0.28	0.28
CL_SW12_180326	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.002	<0.0005	<0.0005	<0.0005	<0.0005	0.0033	0.0033	0.0033
CL_QC206_180326	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	0.001	<0.001	0.0003	<0.005	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001
CL_SW13_180326	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	0.0012	0.0012	0.0012
FC_ES01_SW01_180222	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	0.12	<0.05	<0.12	<0.05	<0.05	0.18	0.18	0.18
FC_ES02_SW01_180222	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05
FC_SW13_180321	0.0015	0.0017	<0.002	<0.0005	<0.0005	0.0008	0.0032	<0.0005	0.0922	<0.0005	<0.0005	<0.0005	<0.0005	0.153	0.149	0.144
FC_SW14_180406	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0041	<0.0005	<0.0005	<0.0005	<0.0005	0.0097	0.0097	0.0097
FC_SW15_180406	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005	0.0005
0020_MW007_180411	0.0096	0.0107	<0.002	<0.0005	<0.0005	0.0069	0.0156	0.0013	0.118	<0.0005	<0.0005	<0.0005	<0.0005	0.322	0.304	0.254
0020_MW12_180410	0.0627	0.138	<0.002	0.0011	<0.0005	0.0264	0.189	0.0059	3.93	<0.0005	<0.0005	<0.0005	<0.0005	5.88	5.58	5.23
JB_MR01_SW01	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05
JB_MR02_SW0.50_180314	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05
JB_MR03_SW01	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05
JB_SW01_180406	0.0019	0.0019	<0.002	0.0013	<0.0005	0.0019	0.0015	0.0016	0.0018	0.0007	<0.0005	<0.0005	0.0005	0.0298	0.0156	0.0038
JB_SW02_180326	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
JB_SW03_180326	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
LM_MW02_180413	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0014	<0.0005	<0.0005	<0.0005	<0.0005	0.0032	0.0032	0.0032
LM_MW02_PRE_180413	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
LM_FW01_SW0.5_180405	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
LW_MW01_180412	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0026	<0.0005	<0.0005	<0.0005	<0.0005	0.0042	0.0042	0.0042
LW_SW05_180406	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	0.0013	0.0013	0.0013
MC_MW02_180411	<0.0005	0.0021	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0151	<0.0005	<0.0005	<0.0005	<0.0005	0.0378	0.0345	0.0332
MC_MW04_180411	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
MC_ES01_SW0.2_180410	<0.01	0.04	<0.1	<0.02	<0.02	<0.02	0.04	<0.02	0.7	<0.02	<0.05	<0.02	<0.02	1.41	1.35	1.29
MC_FW01_SW0.1_180418	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	0.01	<0.02	<0.05	<0.02	<0.02	0.01	0.01	0.01
MC_MW03_180411	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
MC_SW01_180320	0.0225	0.0669	<0.002	<0.0005	<0.0005	0.0075	0.0376	<0.0005	0.886	<0.0005	<0.0005	<0.0005	<0.0005	1.9	1.79	1.69
MC_SW02_180323	0.0205	0.0273	<0.002	<0.0005	<0.0005	0.0042	0.0293	<0.0005	0.562	<0.0005	<0.0005	<0.0005	<0.0005	1.13	1.07	1.01
MC_SW03_180323	0.0006	0.001	<0.002	<0.0005	<0.0005	<0.0005	0.0008	<0.0005	0.0181	<0.0005	<0.0005	<0.0005	<0.0005	0.0404	0.0394	0.0374
MC_SW04_1804	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	0.0008	<0.0005	0.025	<0.0005	<0.0005	<0.0005	<0.0005	0.0595	0.0588	0.058
MC_SW06_180406	<0.0005	0.0006	<0.002	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	0.014	<0.0005	<0.0005	<0.0005	<0.0005	0.0248	0.0242	0.0237
MC_SW09_180328	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005	0.0005
MC_QC109_180328	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005	0.0005
MC_SW10_180320	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0014	<0.0005	<0.0005	<0.0005	<0.0005	0.0019	0.0019	0.0019
SC_ES01_SW0.5_180404	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
SC_SW01_180323	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0043	<0.0005	<0.0005	<0.0005	<0.0005	0.0055	0.0055	0.0055
SC_SW02_180323	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	0.0008	0.0008
SC_QC106_180323	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	0.0007	0.0007
SC_SW03_180323	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005	0.0005
TC_SW01_180321	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	0.0005	0.0005
TC_SW05_180320	0.0005	0.0007	<0.002	<0.0005	<0.0005	<0.0005	0.0019	<0.0005	0.0199	<0.0005	<0.0005	<0.0005	<0.0005	0.0438	0.0431	0.04
TC_SW06_180320	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0009	<0.0005	<0.0005	<0.0005	<0.0005	0.0023	0.0023	0.0023
TC_SW07_180321	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0018	<0.0005	<0.0005	<0.0005	<0.0005	0.0038	0.0038	0.0038
TC_SW10_180326	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
TC_SW11_180326	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	0.0006	0.0006
UN_FW01_SW0.2_180416	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
TS_QC104_180416	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
UN1_SW03_180327	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0011	<0.0005	<0.0005	<0.0005	<0.0005	0.0011	0.0011	0.0011
UN1_SW04_180327	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	0.0003	0.0003
UN2_SW01_180322	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0017	<0.0005	<0.0005	<0.0005	<0.0005	0.0025	0.0025	0.0025
UN2_QC102_180322	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0016	<0.0005	<0.0005	<0.0005	<0.0005	0.0022	0.0022	0.0022
UN2_SW02_180322	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0018	<0.0005	<0.0005	<0.0005	<0.0005	0.0047	0.0047	0.0047
UN2_QC202_180322	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	0.0033	<0.005	<0.001	<0.001	<0.001	0.0073	0.0073	0.0073
UN2_SW03_180322	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0054	<0.0005	<0.0005	<0.0005	<0.0005	0.0175	0.0175	0.0141
UN2_SW04_180322	0.0006	<0.0005	<0.002	<0.0005	<0.0005	0.0006	<0.0005	<0.0005	0.0041	<0.0005	<0.0005	<0.0005	<0.0005	0.0102	0.0102	0.009
UN2_SW05_180322	0.001	0.0015	<0.002	<0.0005	<0.0005	0.0008	0.0043	<0.0005	0.0546	<0.0005	<0.0005	<0.0005	<0.0005	0.11	0.109	0.101
UN3_SW01_180405	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
UN3_SW02_180403	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
UN3_SW03_180319	0.0008	0.0008	<0.002	<0.0005	<0.0005	<0.0005	0.0016	<0.0005	0.0109	<0.0005	<0.0005	<0.0005	<0.0005	0.0267	0.0254	0.0195
UN3_SW04_180405	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0016	0.0016	0.0016
UN3_SW05_180328	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	0.0006	0.0006
UN3_SW06_180328	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
UN_QC209_180328	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001
UN3_SW07_180403	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
UN3_SW08_180403	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
UN4_SW01_180326	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	0.0007	0.0007
WB_SW01_180328	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
WB_SW02_180328	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003
WB_SW03_180328	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0003	<0.0003	<0.0003

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed

			Inorganics		Acidity & Alkalinity				Major Ions													Metals																					Nutrients		
			Total Dissolved Solids	Carbonate as CaCO3	Alkalinity (Carbonate as CaCO3)	Alkalinity (Bicarbonate as CaCO3)	Alkalinity (Hydroxide as CaCO3)	Alkalinity (total as CaCO3)	Calcium	Calcium (Filtered)	Magnesium	Magnesium (Filtered)	Potassium	Potassium (Filtered)	Sodium	Sodium (Filtered)	Chloride	Sulfate (Filtered)	Cations Total	Anions Total	Ionic Balance	Arsenic	Arsenic (Filtered)	Cadmium	Cadmium (Filtered)	Chromium (III+VI)	Chromium (III+VI) (Filtered)	Copper	Copper (Filtered)	Lead	Lead (Filtered)	Mercury	Mercury (Filtered)	Nickel	Nickel (Filtered)	Zinc	Zinc (Filtered)	Ammonia as N	Nitrate (as N)	Sulphate as S
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	meq/L	meq/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LOR			10	1	1	1	1	1	0.5	1	0.5	1	0.5	1	0.5	1	1	1	0.01	0.01	0.01	0.001	0.001	0.0001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001	0.0001	0.001	0.001	0.001	0.005	0.005	0.01	0.02	5
Monitoring Zone	**Location Code**	**Field ID**	**Sample Comments**	**Sample Date**																																								
Bherwerre Barrier	BB_MW01	BB_MW01_180412		12/04/2018	326	-	<1	211	<1	211	-	74	-	5	-	2	-	45	48	12	6.11	5.82	2.46	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Bherwerre Barrier	BB_MW02	BB_MW02_180412		12/04/2018	268	-	<1	150	<1	150	-	56	-	4	-	<1	-	28	40	17	4.34	4.48	1.56	-	0.003	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Bherwerre Barrier	BB_MW03	BB_MW03_180412		12/04/2018	463	-	<1	192	<1	192	-	63	-	12	-	4	-	80	145	30	7.71	8.55	5.15	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Bherwerre Barrier	BB_MW03	BB_QC111_180412	BB_MW03_180412	12/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Captains Lagoon	CL_MW02	CL_MW02_180410		10/04/2018	491	-	<1	98	<1	98	-	34	-	12	-	7	-	126	78	224	8.34	8.82	2.78	-	0.004	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	0.022	-	0.013	-	-	-
Captains Lagoon	CL_MW02	CL_QC211_180410*	CL_MW02_180410	10/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	-	<0.0007	-	0.003	-	0.005	-	0.002	-	<0.0001	-	0.028	-	0.042	-	-	-	-	-
Captains Lagoon	CL_MW04	CL_MW04_180410		10/04/2018	276	-	<1	10	<1	10	-	2	-	3	-	2	-	66	66	60	3.27	3.31	0.64	-	0.029	-	0.0002	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	0.021	-	0.066	-	-	-
Captains Lagoon	CL_MW05	CL_MW05_180410		10/04/2018	355	-	<1	<1	<1	<1	-	3	-	10	-	4	-	89	146	63	4.95	5.43	4.66	-	0.002	-	0.0006	-	<0.001	-	<0.001	-	0.004	-	<0.0001	-	0.034	-	0.195	-	-	-
Captains Lagoon	CL_SW12	CL_SW12_180326		26/03/2018	31,500	-	<1	122	<1	122	-	445	-	1320	-	410	-	11,000	20,000	2890	620	627	0.56	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Captains Lagoon	CL_SW12	CL_QC206_180326	CL_SW12_180326	26/03/2018	39,000	-	<10	120	-	-	460	-	1400	-	450	-	13,000	-	14,000	-	-	-	0.017	-	<0.002	-	<0.01	-	<0.01	-	<0.01	-	<0.001	-	<0.01	-	<0.025	-	<0.01	<0.02	830
Captains Lagoon	CL_SW13	CL_SW13_180326		26/03/2018	38,200	-	<1	122	<1	122	-	468	-	1390	-	432	-	11,500	20,700	2860	649	646	0.24	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Flatrock Creek	FC_SW13	FC_SW13_180321		21/03/2018	270	-	<1	<1	<1	<1	-	6	-	5	-	3	-	39	82	18	2.48	2.69	-	-	0.001	-	<0.0001	-	0.002	-	0.001	-	0.002	-	<0.0001	-	<0.001	-	0.008	-	-	-
Flatrock Creek	FC_SW14	FC_SW14_180406		6/04/2018	39,700	-	<1	119	<1	119	-	415	-	1280	-	394	-	10,500	18,700	2870	593	590	0.27	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Flatrock Creek	FC_SW15	FC_SW15_180406		6/04/2018	31,500	-	<1	124	<1	124	-	434	-	1350	-	410	-	11,100	18,200	2860	626	575	4.22	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
HMAS Creswell	MW007	0020_MW007_180411		11/04/2018	366	-	<1	184	<1	184	-	73	-	5	-	3	-	34	52	25	5.61	5.66	0.48	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
HMAS Creswell	MW12	0020_MW12_180410		10/04/2018	150	-	<1	24	<1	24	-	9	-	4	-	1	-	30	49	32	2.11	2.53	-	-	0.002	-	<0.0001	-	0.002	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Jervis Bay	JB_SW01	JB_SW01_180406		6/04/2018	38,300	-	<1	122	<1	122	-	448	-	1350	-	414	-	11,300	19,500	2800	636	611	1.99	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Jervis Bay	JB_SW02	JB_SW02_180326		26/03/2018	39,500	-	<1	123	<1	123	-	456	-	1360	-	421	-	11,200	19,600	2860	633	615	1.42	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Jervis Bay	JB_SW03	JB_SW03_180326		26/03/2018	39,300	-	<1	124	<1	124	-	442	-	1330	-	411	-	11,000	18,900	2970	620	597	1.89	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Lake McKenzie	LM_MW02	LM_MW02_180413		13/04/2018	549	-	<1	57	<1	57	-	4	-	3	-	6	-	62	56	22	3.3	3.18	1.86	-	0.012	-	<0.0001	-	0.006	-	0.025	-	0.001	-	<0.0001	-	0.005	-	0.151	-	-	-
Lake Windermere	LW_MW01	LW_MW01_180412		12/04/2018	442	-	<1	120	<1	120	-	8	-	<1	-	3	-	112	57	74	5.35	5.55	1.82	-	<0.001	-	<0.0001	-	0.002	-	0.002	-	<0.001	-	<0.0001	-	<0.001	-	0.062	-	-	-
Lake Windermere	LW_SW05	LW_SW05_180406		6/04/2018	178	-	<1	<1	<1	<1	-	1	-	4	-	<1	-	46	69	7	2.38	2.09	-	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Mary Creek	MC_MW02	MC_MW02_180411		11/04/2018	29,300	-	<1	22	<1	22	-	300	-	1010	-	290	-	8250	13,900	2230	464	439	2.81	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Mary Creek	MC_MW04	MC_MW04_180411		11/04/2018	302	-	<1	4	<1	4	-	2	-	7	-	2	-	69	126	22	3.73	4.09	4.65	-	<0.001	-	<0.0003	-	<0.001	-	0.007	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Mary Creek	MC_MW03	MC_MW03_180411		11/04/2018	340	-	<1	26	<1	26	-	5	-	5	-	3	-	74	136	20	3.96	4.77	9.34	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Mary Creek	MC_SW01	MC_SW01_180320		20/03/2018	3340	-	<1	56	<1	56	-	53	-	121	-	37	-	1020	2180	255	57.9	67.9	7.95	-	0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Mary Creek	MC_SW02	MC_SW02_180323		23/03/2018	276	-	<1	<1	<1	<1	-	3	-	7	-	4	-	66	112	12	3.7	3.41	4.08	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Mary Creek	MC_SW03	MC_SW03_180323		23/03/2018	283	-	<1	<1	<1	<1	-	4	-	9	-	2	-	79	138	15	4.43	4.2	2.58	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Mary Creek	MC_SW04	MC_SW04_1804		19/04/2018	526	<1	-	<1	<1	<1	-	9	-	19	-	3	-	153	351	14	8.74	10.2	7.65	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.007	-	-	-
Mary Creek	MC_SW06	MC_SW06_180406		6/04/2018	198	-	<1	12	<1	12	-	8	-	6	-	<1	-	55	87	20	3.28	3.11	2.74	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Mary Creek	MC_SW09	MC_SW09_180328		28/03/2018	38,700	-	<1	129	<1	129	-	463	-	1360	-	439	-	11,300	18,400	2820	638	580	4.72	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Mary Creek	MC_SW09	MC_QC109_180328	MC_SW09_180328	28/03/2018	35,600	-	<1	129	<1	129	-	422	-	1320	-	429	-	11,000	18,600	2680	619	583	3	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Mary Creek	MC_SW10	MC_SW10_180320		20/03/2018	35,800	-	<1	125	<1	125	-	413	-	1270	-	389	-	10,600	18,900	2610	596	590	0.52	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Summercloud Creek	SC_SW01	SC_SW01_180323		23/03/2018	6040	-	<1	30	<1	30	-	73	-	213	-	69	-	1800	3540	442	101	110	4	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Summercloud Creek	SC_SW02	SC_SW02_180323		23/03/2018	228	-	<1	<1	<1	<1	-	2	-	6	-	2	-	44	82	7	2.56	2.46	-	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.006	-	-	-
Summercloud Creek	SC_SW02	SC_QC106_180323	SC_SW02_180323	23/03/2018	185	-	<1	<1	<1	<1	-	2	-	6	-	2	-	45	83	8	2.6	2.51	-	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Summercloud Creek	SC_SW03	SC_SW03_180323		23/03/2018	153	-	<1	<1	<1	<1	-	1	-	6	-	2	-	36	59	10	2.16	1.87	-	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Telegraph Creek	TC_SW01	TC_SW01_180321		21/03/2018	21,000	-	<1	63	<1	63	-	198	-	604	-	182	-	5150	10,600	879	288	318	5	-	0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	0.003	-	<0.005	-	-	-
Telegraph Creek	TC_SW05	TC_SW05_180320		20/03/2018	452	-	<1	<1	<1	<1	-	1	-	5	-	2	-	45	88	4	2.47	2.56	-	-	<0.001	-	<0.0001	-	0.003	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.007	-	-	-
Telegraph Creek	TC_SW06	TC_SW06_180320		20/03/2018	187	-	<1	31	<1	31	-	11	-	5	-	1	-	42	81	10	2.81	3.11	5.06	-	<0.001	-	<0.0001	-	<0.001	-	0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Telegraph Creek	TC_SW07	TC_SW07_180321		21/03/2018	195	-	<1	2	<1	2	-	1	-	4	-	<1	-	42	80	3	2.2	2.36	-	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.02	-	-	-
Telegraph Creek	TC_SW10	TC_SW10_180326		26/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.01	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Telegraph Creek	TC_SW11	TC_SW11_180326		26/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.01	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Unnamed Water Bodies	UN1_SW03	UN1_SW03_180327		27/03/2018	29,900	-	<1	130	<1	130	-	497	-	1420	-	452	-	11,900	17,800	2730	671	562	8.87	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Unnamed Water Bodies	UN1_SW04	UN1_SW04_180327		27/03/2018	33,100	-	<1	127	<1	127	-	445	-	1260	-	393	-	10,600	18,800	2710	597	589	0.65	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Unnamed Water Bodies	UN2_SW01	UN2_SW01_180322		22/03/2018	174	-	<1	7	<1	7	-	<1	-	4	-	2	-	39	78	4	2.08	2.42	-	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN2_SW01	UN2_QC102_180322	UN2_SW01_180322	22/03/2018	176	-	<1	7	<1	7	-	<1	-	4	-	2	-	39	75	4	2.08	2.34	-	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN2_SW02	UN2_SW02_180322		22/03/2018	476	-	<1	4	<1	4	-	3	-	7	-	3	-	59	106	18	3.37	3.44	1.11	-	<0.001	-	<0.0001	-	<0.001	-	0.003	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN2_SW02	UN2_QC202_180322	UN2_SW02_180322	22/03/2018	240	-	<10	52	-	-	12	-	13	-	3	-	69	-	110	-	-	-	-	<0.001	-	<0.0002	-	<0.001	-	0.002	-	<0.001	-	<0.0001	-	<0.001	-	0.007	0.38	<0.02	6.7
Unnamed Water Bodies	UN2_SW03	UN2_SW03_180322		22/03/2018	202	-	<1	7	<1	7	-	1	-	5	-	2	-	49	92	10	2.64	2.94	-	-	<0.001	-	<0.0002	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN2_SW04	UN2_SW04_180322		22/03/2018	244	-	<1	8	<1	8	-	2	-	5	-	2	-	49	92	7	2.69	2.9	-	-	<0.001	-	<0.0003	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN2_SW05	UN2_SW05_180322		22/03/2018	191	-	<1	1	<1	1	-	2	-	3	-	1	-	33	61	10	1.81	1.95	-	-	<0.001	-	<0.0003	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN3_SW01	UN3_SW01_180405		5/04/2018	248	-	<1	<1	<1	<1	-	2	-	7	-	2	-	56	112	14	3.16	3.45	4.35	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN3_SW02	UN3_SW02_180403		3/04/2018	292	-	<1	<1	<1	<1	-	1	-	6	-	3	-	67	112	21	3.53	3.6	0.87	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180319		19/03/2018	18,000	-	<1	56	<1	56	-	8	-	9	-	8	-	127	251	<5	6.87	8.2	8.83	-	0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN3_SW04	UN3_SW04_180405		5/04/2018	180	-	<1	7	<1	7	-	3	-	4	-	2	-	41	68	6	2.31	2.18	-	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN3_SW05	UN3_SW05_180328		28/03/2018	2560	-	<1	164	<1	164	-	86	-	74	-	19	-	591	1090	214	36.6	38.5	2.54	-	0.01	-	<0.0001	-	<0.001	-	0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.006	-	-	-
Unnamed Water Bodies	UN3_SW06	UN3_SW06_180328		28/03/2018	48,200	-	<1	128	<1	128	-	419	-	1290	-	419	-	10,800	18,800	2720	608	590	1.51	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Unnamed Water Bodies	UN3_SW06	UN_QC209_180328*	UN3_SW06_180328	28/03/2018	44,000	-	<10	110	-	-	440	-	1300	-	430	-	13,000	-	14,000	-	-	-	0.012	-	<0.002	-	<0.01	-	<0.01	-	<0.01	-	<0.001	-	<0.01	-	0.043	-	<0.01	0.02	800
Unnamed Water Bodies	UN3_SW07	UN3_SW07_180403		3/04/2018	442	-	<1	12	<1	12	-	6	-	12	-	4	-	113	208	32	6.3	6.77	3.58	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-	-	-
Unnamed Water Bodies	UN3_SW08	UN3_SW08_180403		3/04/2018	3160	-	<1	72	<1	72	-	59	-	105	-	27	-	816	1580	216	47.8	50.5	2.78	-	0.004	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	0.002	-	<0.005	-	-	-
Unnamed Water Bodies	UN4_SW01	UN4_SW01_180326		26/03/2018	42,200	-	<1	123	<1	123	-	505	-	1510	-	468	-	12,600	20,700	2950	710	648	4.55	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Wreck Bay	WB_SW01	WB_SW01_180328		28/03/2018	49,300	-	<1	128	<1	128	-	430	-	1320	-	435	-	11,100	18,300	2740	624	576	4.02	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Wreck Bay	WB_SW02	WB_SW02_180328		28/03/2018	48,600	-	<1	125	<1	125	-	435	-	1340	-	433	-	11,200	18,400	2760	630	579	4.24	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-
Wreck Bay	WB_SW03	WB_SW03_180328		28/03/2018	49,300	-	<1	127	<1	127	-	455	-	1410	-	454	-	11,700	18,600	2760	659	585	6	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.001	-	<0.0001	-	<0.01	-	<0.05	-	-	-

Notes:
* = Additional analysis requested on 04/06/2018.
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed

| | | | | | BTEXN | | | | | | | | TRH - NEPM 2013 | | | | | | | | TRH - NEPM 1999 | | | | | Phenols | | | | | | | |

					PAHs																						MAH					Herbicides	Dioxins & Furans	Explosives			
					Pyrene	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a] pyrene	Benzo[b+j]fluoranthene	Benzo[b+j+k]fluoranthene	Benzo[k]fluoranthene	Benzo[g,h,i]perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Naphthalene-PAH	Phenanthrene	PAHs (Sum of total) - Lab calc	Total 8 PAHs (as BaP TEQ)(zero LOR) - Lab Calc	Sum of polycyclic aromatic hydrocarbons	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	Styrene	Total MAH	Pronamide	Dibenzofuran	1,3,5-Trinitrobenzene	2,4-Dinitrotoluene	2,6-dinitrotoluene	Nitrobenzene
LOR					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
					1	1	1	1	1	0.5	1	4	1	1	1	1	1	1	1	1	1	1	0.5	0.5	0.0005	5	5	5	5	3	2	2	2	4	4	2
Monitoring Zone	**Location Code**	**Field ID**	**Sample Comments**	**Sample Date**																																
Bherwerre Barrier	BB_MW01	BB_MW01_180412		12/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Bherwerre Barrier	BB_MW02	BB_MW02_180412		12/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Bherwerre Barrier	BB_MW03	BB_MW03_180412		12/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Bherwerre Barrier	BB_MW03	BB_QC111_180412	BB_MW03_180412	12/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Captains Lagoon	CL_MW02	CL_MW02_180410		10/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Captains Lagoon	CL_MW02	CL_QC211_180410	CL_MW02_180410	10/04/2018	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	-	-	<1	<1	<1	<1	<3	<5	<5	<5	<5	<5	<50
Captains Lagoon	CL_MW04	CL_MW04_180410		10/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Captains Lagoon	CL_MW05	CL_MW05_180410		10/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Captains Lagoon	CL_SW12	CL_SW12_180326		26/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Captains Lagoon	CL_SW12	CL_QC206_180326	CL_SW12_180326	26/03/2018	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	-	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	**<1**	-	**<1**	**<1**	-	-	**<1**	**<1**	**<1**	**<1**	**<3**	**<5**	**<5**	-	**<5**	**<5**	**<50**
Captains Lagoon	CL_SW13	CL_SW13_180326		26/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Flatrock Creek	FC_SW13	FC_SW13_180321		21/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	-	-	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_SW14	FC_SW14_180406		6/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Flatrock Creek	FC_SW15	FC_SW15_180406		6/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
HMAS Creswell	MW007	0020_MW007_180411		11/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
HMAS Creswell	MW12	0020_MW12_180410		10/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Jervis Bay	JB_SW01	JB_SW01_180406		6/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Jervis Bay	JB_SW02	JB_SW02_180326		26/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Jervis Bay	JB_SW03	JB_SW03_180326		26/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake McKenzie	LM_MW02	LM_MW02_180413		13/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake Windermere	LW_MW01	LW_MW01_180412		12/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake Windermere	LW_SW05	LW_SW05_180406		6/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_MW02	MC_MW02_180411		11/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_MW04	MC_MW04_180411		11/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_MW03	MC_MW03_180411		11/04/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW01	MC_SW01_180320		20/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW02	MC_SW02_180323		23/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW03	MC_SW03_180323		23/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW04	MC_SW04_1804		19/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW06	MC_SW06_180406		6/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW09	MC_SW09_180328		28/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW09	MC_QC109_180328	MC_SW09_180328	28/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW10	MC_SW10_180320		20/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Summercloud Creek	SC_SW01	SC_SW01_180323		23/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Summercloud Creek	SC_SW02	SC_SW02_180323		23/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Summercloud Creek	SC_SW02	SC_QC106_180323	SC_SW02_180323	23/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Summercloud Creek	SC_SW03	SC_SW03_180323		23/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Telegraph Creek	TC_SW01	TC_SW01_180321		21/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Telegraph Creek	TC_SW05	TC_SW05_180320		20/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Telegraph Creek	TC_SW06	TC_SW06_180320		20/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Telegraph Creek	TC_SW07	TC_SW07_180321		21/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Telegraph Creek	TC_SW10	TC_SW10_180326		26/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Telegraph Creek	TC_SW11	TC_SW11_180326		26/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN1_SW03	UN1_SW03_180327		27/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN1_SW04	UN1_SW04_180327		27/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN2_SW01	UN2_SW01_180322		22/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN2_SW01	UN2_QC102_180322	UN2_SW01_180322	22/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN2_SW02	UN2_SW02_180322		22/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN2_SW02	UN2_QC202_180322	UN2_SW02_180322	22/03/2018	<1	<100	<100	<100	<100	<100	<100	-	<100	<100	<100	<100	<100	<100	<100	-	<100	<100	<100	-	-	<1	<1	<1	<1	<3	<500	<500	-	<500	<500	<500
Unnamed Water Bodies	UN2_SW03	UN2_SW03_180322		22/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN2_SW04	UN2_SW04_180322		22/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN2_SW05	UN2_SW05_180322		22/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN3_SW01	UN3_SW01_180405		5/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN3_SW02	UN3_SW02_180403		3/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180319		19/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	-	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN3_SW04	UN3_SW04_180405		5/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN3_SW05	UN3_SW05_180328		28/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN3_SW06	UN3_SW06_180328		28/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN3_SW06	UN_QC209_180328	UN3_SW06_180328	28/03/2018	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	-	-	<1	<1	<1	<1	<3	<5	<5	-	<5	<5	<50
Unnamed Water Bodies	UN3_SW07	UN3_SW07_180403		3/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN3_SW08	UN3_SW08_180403		3/04/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN4_SW01	UN4_SW01_180326		26/03/2018	<1	<1	<1	<1	<1	<0.5	<1	<4	<1	<1	<1	<1	<1	<1	<1	-	<1	<2	<0.5	<0.0005	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Wreck Bay	WB_SW01	WB_SW01_180328		28/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Wreck Bay	WB_SW02	WB_SW02_180328		28/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Wreck Bay	WB_SW03	WB_SW03_180328		28/03/2018	<1	<1	<1	<1	<1	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<0.5	<0.5	-	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed

| | VOCs | | |

| | | | | SVOCs | | | |

					OC Pesticides																			OP Pesticides										Halogenated Hydrocarbons	
					4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	d-BHC	4,4 DDD	4,4 DDT	DDT+DDE+DDD - Lab Calc	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenthion	Malathion	Pirimphos-ethyl	Prothiofos	Bromomethane	Dichlorodifluoromethane
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR					2	2	2	4	2	2	2	4	4	2	2	2	2	2	5	5	2	2	2	4	5	2	2	2	2	2	2	2	2	2	2	2	50	50
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date																																
Bherwerre Barrier	BB_MW01	BB_MW01_180412		12/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Bherwerre Barrier	BB_MW02	BB_MW02_180412		12/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Bherwerre Barrier	BB_MW03	BB_QC111_180412	BB_MW03_180412	12/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Bherwerre Barrier	BB_MW03	BB_MW03_180412		12/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Captains Lagoon	CL_MW02	CL_MW02_180410		10/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Captains Lagoon	CL_MW02	CL_QC211_180410	CL_MW02_180410	10/04/2018	<5	<5	<5	-	<5	<5	<5	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	-	-	-	-	-	-	-	-	<1	<1
Captains Lagoon	CL_MW04	CL_MW04_180410		10/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Captains Lagoon	CL_MW05	CL_MW05_180410		10/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Captains Lagoon	CL_SW12	CL_SW12_180326		26/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Captains Lagoon	CL_SW12	CL_QC206_180326	CL_SW12_180326	26/03/2018	<5	<5	<5	-	<5	<5	<5	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	-	-	-	-	-	-	-	-	<1	<1
Captains Lagoon	CL_SW13	CL_SW13_180326		26/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Flatrock Creek	FC_SW14	FC_SW14_180406		6/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Flatrock Creek	FC_SW15	FC_SW15_180406		6/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
HMAS Creswell	MW007	0020_MW007_180411		11/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
HMAS Creswell	MW12	0020_MW12_180410		10/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Jervis Bay	JB_SW01	JB_SW01_180406		6/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Jervis Bay	JB_SW02	JB_SW02_180326		26/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Jervis Bay	JB_SW03	JB_SW03_180326		26/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Lake McKenzie	LM_MW02	LM_MW02_180413		13/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Lake Windermere	LW_MW01	LW_MW01_180412		12/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Lake Windermere	LW_SW05	LW_SW05_180406		6/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_MW02	MC_MW02_180411		11/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_MW04	MC_MW04_180411		11/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_MW03	MC_MW03_180411		11/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_SW01	MC_SW01_180320		20/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_SW02	MC_SW02_180323		23/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_SW03	MC_SW03_180323		23/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_SW04	MC_SW04_1804		19/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_SW06	MC_SW06_180406		6/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_SW09	MC_SW09_180328		28/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_SW06	MC_QC109_180328	MC_SW09_180328	28/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Mary Creek	MC_SW10	MC_SW10_180320		20/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Summercloud Creek	SC_SW01	SC_SW01_180323		23/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Summercloud Creek	SC_SW02	SC_SW02_180323		23/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Summercloud Creek	SC_SW02	SC_QC106_180323	SC_SW02_180323	23/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Summercloud Creek	SC_SW03	SC_SW03_180323		23/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Telegraph Creek	TC_SW01	TC_SW01_180321		21/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Telegraph Creek	TC_SW05	TC_SW05_180320		20/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Telegraph Creek	TC_SW06	TC_SW06_180320		20/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Telegraph Creek	TC_SW07	TC_SW07_180321		21/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Telegraph Creek	TC_SW10	TC_SW10_180326		26/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Telegraph Creek	TC_SW11	TC_SW11_180326		26/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN1_SW03	UN1_SW03_180327		27/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN1_SW04	UN1_SW04_180327		27/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN2_SW01	UN2_SW01_180322		22/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN2_SW01	UN2_QC102_180322	UN2_SW01_180322	22/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN2_SW02	UN2_SW02_180322		22/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN2_SW02	UN2_QC202_180322	UN2_SW02_180322	22/03/2018	<500	<500	<500	-	<500	<500	<500	<500	-	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	-	-	-	-	-	-	-	-	-	-	<1	<1
Unnamed Water Bodies	UN2_SW03	UN2_SW03_180322		22/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN2_SW04	UN2_SW04_180322		22/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN2_SW05	UN2_SW05_180322		22/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN3_SW01	UN3_SW01_180405		5/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN3_SW02	UN3_SW02_180403		3/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180319		19/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN3_SW04	UN3_SW04_180405		5/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN3_SW05	UN3_SW05_180328		28/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN3_SW06	UN3_SW06_180328		28/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN3_SW06	UN_QC209_180328	UN3_SW06_180328	28/03/2018	<5	<5	<5	-	<5	<5	<5	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	-	-	-	-	-	-	-	-	<1	<1
Unnamed Water Bodies	UN3_SW07	UN3_SW07_180403		3/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN3_SW08	UN3_SW08_180403		3/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Unnamed Water Bodies	UN4_SW01	UN4_SW01_180326		26/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Wreck Bay	WB_SW01	WB_SW01_180328		28/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Wreck Bay	WB_SW02	WB_SW02_180328		28/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50
Wreck Bay	WB_SW03	WB_SW03_180328		28/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<50	<50

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed

					Chlorinated Hydrocarbons																												
					Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons (Total)	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,4-trichlorobenzene	1,2-dibromo-3-chloropropane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	1,4-dichlorobenzene	2,2-dichloropropane	2-chloronaphthalene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Bromochloromethane	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-dichloroethene	Dichloromethane	Hexachlorobutadiene	Vinyl chloride
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR					5	5	5	5	5	5	5	5	2	5	2	5	5	5	2	5	2	5	5	5	1	5	5	5	50	5	1	2	50
Monitoring Zone	**Location Code**	**Field ID**	**Sample Comments**	**Sample Date**																													
Bherwerre Barrier	BB_MW01	BB_MW01_180412		12/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Bherwerre Barrier	BB_MW02	BB_MW02_180412		12/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Bherwerre Barrier	BB_MW03	BB_QC111_180412	BB_MW03_180412	12/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	12	<50	<5	-	<2	<50
Bherwerre Barrier	BB_MW03	BB_MW03_180412		12/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	12	<50	<5	-	<2	<50
Captains Lagoon	CL_MW02	CL_MW02_180410		10/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Captains Lagoon	CL_MW02	CL_QC211_180410	CL_MW02_180410	10/04/2018	<5	<5	<1	<1	<1	<1	<1	-	<5	-	<1	<1	<1	<1	<1	-	<5	-	<1	<1	<1	<1	<1	<5	<1	<1	<1	<5	<1
Captains Lagoon	CL_MW04	CL_MW04_180410		10/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Captains Lagoon	CL_MW05	CL_MW05_180410		10/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Captains Lagoon	CL_SW12	CL_SW12_180326		26/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Captains Lagoon	CL_SW12	CL_QC206_180326	CL_SW12_180326	26/03/2018	<5	<5	<1	<1	<1	<1	<1		<5		<1	<1	<1	<1	<1		<5		<1	<1	<1	<1	<1	<5	<1	<1	<1	<5	<1
Captains Lagoon	CL_SW13	CL_SW13_180326		26/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Flatrock Creek	FC_SW14	FC_SW14_180406		6/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Flatrock Creek	FC_SW15	FC_SW15_180406		6/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
HMAS Creswell	MW007	0020_MW007_180411		11/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
HMAS Creswell	MW12	0020_MW12_180410		10/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Jervis Bay	JB_SW01	JB_SW01_180406		6/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Jervis Bay	JB_SW02	JB_SW02_180326		26/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Jervis Bay	JB_SW03	JB_SW03_180326		26/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake McKenzie	LM_MW02	LM_MW02_180413		13/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake Windermere	LW_MW01	LW_MW01_180412		12/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake Windermere	LW_SW05	LW_SW05_180406		6/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_MW02	MC_MW02_180411		11/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_MW04	MC_MW04_180411		11/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_MW03	MC_MW03_180411		11/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW01	MC_SW01_180320		20/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW02	MC_SW02_180323		23/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW03	MC_SW03_180323		23/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW04	MC_SW04_1804		19/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW06	MC_SW06_180406		6/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW09	MC_SW09_180328		28/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW06	MC_QC109_180328	MC_SW09_180328	28/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW10	MC_SW10_180320		20/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Summercloud Creek	SC_SW01	SC_SW01_180323		23/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Summercloud Creek	SC_SW02	SC_SW02_180323		23/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Summercloud Creek	SC_SW02	SC_QC106_180323	SC_SW02_180323	23/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Summercloud Creek	SC_SW03	SC_SW03_180323		23/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Telegraph Creek	TC_SW01	TC_SW01_180321		21/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Telegraph Creek	TC_SW05	TC_SW05_180320		20/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Telegraph Creek	TC_SW06	TC_SW06_180320		20/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Telegraph Creek	TC_SW07	TC_SW07_180321		21/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Telegraph Creek	TC_SW10	TC_SW10_180326		26/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Telegraph Creek	TC_SW11	TC_SW11_180326		26/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN1_SW03	UN1_SW03_180327		27/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN1_SW04	UN1_SW04_180327		27/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN2_SW01	UN2_SW01_180322		22/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN2_SW01	UN2_QC102_180322	UN2_SW01_180322	22/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN2_SW02	UN2_SW02_180322		22/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN2_SW02	UN2_QC202_180322	UN2_SW02_180322	22/03/2018	<5	<5	<1	<1	<1	<1	<1	-	<500	-	<1	<1	<1	<1	<1	-	<500	-	<1	<1	<1	<1	<1	<5	<1	<1	<1	<500	<1
Unnamed Water Bodies	UN2_SW03	UN2_SW03_180322		22/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN2_SW04	UN2_SW04_180322		22/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN2_SW05	UN2_SW05_180322		22/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN3_SW01	UN3_SW01_180405		5/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN3_SW02	UN3_SW02_180403		3/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180319		19/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN3_SW04	UN3_SW04_180405		5/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN3_SW05	UN3_SW05_180328		28/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN3_SW06	UN3_SW06_180328		28/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN3_SW06	UN_QC209_180328	UN3_SW06_180328	28/03/2018	<5	<5	<1	<1	<1	<1	<1	-	<5	-	<1	<1	<1	<1	<1	-	<5	-	<1	<1	<1	<1	<1	<5	<1	<1	<1	<5	<1
Unnamed Water Bodies	UN3_SW07	UN3_SW07_180403		3/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN3_SW08	UN3_SW08_180403		3/04/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	UN4_SW01	UN4_SW01_180326		26/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Wreck Bay	WB_SW01	WB_SW01_180328		28/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Wreck Bay	WB_SW02	WB_SW02_180328		28/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Wreck Bay	WB_SW03	WB_SW03_180328		28/03/2018	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed

| | | | | | PFAS | | | | |

| | | | | | | | | | | | | | | | | PFAS | | | | | | | | | | | | | | | |

				Particle Size Analysis																	Inorganics					Exchangeable cations						TOC	Metals							
				Clay (<2 µm)	Silt (2-60 µm)	Sand (0.06-2.00 mm)	Gravel (>2mm)	Cobbles (>6cm)	+75µm	+150µm	+300µm	+425µm	+600µm	+1180µm	+2.36mm	+4.75mm	+9.5mm	+19.0mm	+37.5mm	+75.0mm	Moisture (%)	pH (Lab)	Density	pH (Final)	Moisture Content (dried @ 103°C)	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	Exchangeable Potassium	CEC	Exchangeable Sodium Percent	Total Organic Carbon	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
				%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	pH Units	g/cm3	pH Units	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.1	0.1	0.01	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	200	5	1	2	5	5	0.1	2	5
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date																																				
Bherwerre Barrier	BB_MW01	BB_MW01_0.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	-	-	-	-	-	-	-	-	-	-	7700	<5	<1	2	<5	<5	<0.1	<2	<5
Bherwerre Barrier	BB_MW01	BB_MW01_0.5_180320		20/03/2018	1	<1	99	<1	<1	99	88	14	2	<1	<1	<1	<1	<1	<1	<1	-	6.9	2.62	-	-	0.3	<0.1	<0.1	<0.1	0.4	13.2	-	-	-	-	-	-	-	-	-
Bherwerre Barrier	BB_MW01	BB_MW01_5.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.8	-	-	-	-	-	-	-	-	-	-	1900	-	-	-	-	-	-	-	-
Bherwerre Barrier	BB_MW01	BB_QC101_180320	BB_MW01_5.0_180320	20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-	-	-	-	-	-	-	-	-	700	-	-	-	-	-	-	-	-
Bherwerre Barrier	BB_MW02	BB_MW02_0.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	-	-	-	-	-	-	-	6600	<5	<1	3	<5	<5	<0.1	<2	<5
Bherwerre Barrier	BB_MW02	BB_MW02_0.5_180320		20/03/2018	1	<1	99	<1	<1	99	61	6	<1	<1	<1	<1	<1	<1	<1	<1	-	7.3	2.6	-	-	1.6	0.1	<0.1	<0.1	1.8	4.7	-	-	-	-	-	-	-	-	-
Bherwerre Barrier	BB_MW02	BB_MW02_1.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	1000	-	-	-	-	-	-	-	-
Bherwerre Barrier	BB_MW03	BB_MW03_0.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	-	-	-	-	-	-	-	-	-	-	31,300	<5	<1	<2	<5	<5	<0.1	<2	<5
Bherwerre Barrier	BB_MW03	BB_MW03_0.5_180320		20/03/2018	1	<1	99	<1	<1	99	95	21	3	<1	<1	<1	<1	<1	<1	<1	-	5.8	2.63	-	-	<0.1	<0.1	<0.1	<0.1	0.2	27.9	-	-	-	-	-	-	-	-	-
Bherwerre Barrier	BB_MW03	BB_MW03_6.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	-	-	-	-	-	-	-	-	-	-	500	-	-	-	-	-	-	-	-
Captains Lagoon	CL_MW02	CL_MW02_0.0_180321		21/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.7	-	-	-	-	-	-	-	-	-	-	35,200	<5	<1	17	<5	8	<0.1	<2	7
Captains Lagoon	CL_MW02	CL_MW02_1.0_180321		21/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	-	-	-	-	-	-	-	-	-	-	8000	-	-	-	-	-	-	-	-
Captains Lagoon	CL_MW02	CL_MW02_1.4_180321		21/03/2018	12	11	75	2	<1	77	60	34	27	19	6	<1	<1	<1	<1	<1	<1	-	5.2	2.63	-	-	0.2	0.3	0.1	<0.1	0.7	19.9	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_MW04	CL_MW_04_0.0_180326		26/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.8	-	-	-	-	-	-	-	-	-	-	10,200	<5	<1	<2	<5	<5	<0.1	<2	<5
Captains Lagoon	CL_MW05	CL_MW_05_0.0_180326		26/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	-	-	-	-	-	-	-	-	-	12,300	<5	<1	3	<5	<5	<0.1	<2	12
Captains Lagoon	CL_SD12	CL_SD12_0.0_180326		26/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	-	-	-	-	-	-	-	-	300	<5	<1	<2	<5	<5	<0.1	<2	<5
Captains Lagoon	CL_SD12	CL_QC208_180326	CL_SD12_0.0_180326	26/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	1000	<2	<0.4	<5	<5	<5	<0.1	<5	<5
Captains Lagoon	CL_SD13	CL_SD13_0.0_180326		26/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.6	-	-	-	-	-	-	-	-	-	-	300	<5	<1	<2	<5	<5	<0.1	<2	<5
Flatrock Creek	FC_SD13	FC_SD13_0.0_180321		21/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.4	-	-	-	-	-	-	-	-	-	-	2500	<5	<1	<2	<5	<5	<0.1	<2	<5
Flatrock Creek	FC_SD14	FC_SD14_0.0_180406		5/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.5	-	-	-	-	-	-	-	-	-	-	400	<5	<1	<2	<5	<5	<0.1	<2	<5
Flatrock Creek	FC_SD15	FC_SD15_0.0_180406		5/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.8	-	-	-	-	-	-	-	-	-	-	<200	<5	<1	<2	<5	<5	<0.1	<2	<5
Lake McKenzie	LM_MW02	LM_MW02_0.0_180405		5/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	6.4	-	7.7	-	1.7	0.5	<0.1	<0.1	2.3	-	-	5	<1	9	16	7	<0.1	6	64
Lake Windermere	LW_MW01	LW_MW01_0.0_180403		3/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	6.9	-	8.3	-	1.8	0.2	<0.1	<0.1	2	-	-	<5	<1	3	<5	<5	0.1	<2	<5
Mary Creek	MC_MW01	MC_MW01_0.0_180323		23/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-	-	-	-	-	-	-	-	34,100	<5	<1	<2	<5	<5	<0.1	<2	8
Mary Creek	MC_MW01	MW_MW01_10.0_180323		23/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-	-	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	-	-
Mary Creek	MC_MW02	MC_MW02_0.0_180322		22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	-	10,700	<5	<1	3	<5	11	<0.1	<2	17
Mary Creek	MC_MW02	MC_MW02_1.0_180322		22/03/2018	1	<1	99	<1	<1	99	98	32	13	5	<1	<1	<1	<1	<1	<1	1.1	6.6	2.64	-	-	0.8	0.1	<0.1	<0.1	1	6.2	3700	-	-	-	-	-	-	-	-
Mary Creek	MC_MW03	MC_MW03_0.0_180322		22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-	-	-	-	-	-	-	48,000	<5	<1	3	<5	48	<0.1	<2	5
Mary Creek	MC_MW03	UN2_QC201_180322	MC_MW03_0.0_180322	22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-	-	-	29,000	<2	<0.4	<5	<5	37	<0.1	<5	<5
Mary Creek	MC_MW03	MC_MW03_0.5_180322		22/03/2018	3	7	90	<1	<1	90	79	6	2	<1	<1	<1	<1	<1	<1	<1	3.2	5	2.61	-	-	<0.1	<0.1	0.1	<0.1	0.2	52.9	1900	-	-	-	-	-	-	-	-
Mary Creek	MC_MW04	MC_MW04_0.0_180322		22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.4	-	-	-	-	-	-	-	-	-	-	10,600	<5	<1	3	<5	<5	<0.1	<2	<5
Mary Creek	MC_MW04	MC_MW04_0.5_180322		22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.2	-	-	-	-	-	-	-	-	-	-	4600	-	-	-	-	-	-	-	-
Mary Creek	MC_SD01	MC_SD01_0.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.6	-	-	-	-	-	-	-	-	-	-	300	<5	<1	<2	<5	<5	<0.1	<2	<5
Mary Creek	MC_SD02	MC_SD02_0.0_180323		23/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.4	-	-	-	-	-	-	-	-	-	-	8100	<5	<1	<2	<5	<5	<0.1	<2	<5
Mary Creek	MC_SD03	MC_SD03_0.0_180323		23/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.5	-	-	-	-	-	-	-	-	-	-	1200	<5	<1	<2	<5	<5	<0.1	<2	<5
Mary Creek	MC_SD04	MC_SD04_0.0_1804		19/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.1	-	-	-	-	-	-	-	-	-	-	43,400	<5	<1	<2	<5	<5	<0.1	<2	10
Mary Creek	MC_SD06	MC_SD06_0.0_180405		5/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.7	-	-	-	-	-	-	-	-	-	-	11,600	<5	<1	11	9	5	<0.1	6	22
Mary Creek	MC_SD06	MC_QC110_180328	MC_SD06_0.0_180405	28/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.1	-	-	-	-	-	-	-	-	-	-	1200	<5	<1	8	<5	<5	<0.1	<2	<5
Mary Creek	MC_SD08	MC_SD08_0.0_180405		5/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.4	-	-	-	-	-	-	-	-	-	-	44,100	<5	<1	<2	<5	10	<0.1	<2	<5
Mary Creek	MC_SD09	MC_SD09_0.0_180328		28/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.1	-	-	-	-	-	-	-	-	-	-	1000	<5	<1	7	<5	<5	<0.1	<2	<5
Mary Creek	MC_SD10	MC_SD10_0.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	-	1200	<5	<1	5	<5	<5	<0.1	<2	<5

Table 7: Dry Weather Soil Results -
Particle Size Analysis, Inorganics, Cations, TOC and Metals

					Particle Size Analysis																	Inorganics					Exchangeable cations						TOC	Metals							
					Clay (<2 µm)	Silt (2-60 µm)	Sand (0.06-2.00 mm)	Gravel (>2mm)	Cobbles (>6cm)	+75µm	+150µm	+300µm	+425µm	+600µm	+1180µm	+2.36mm	+4.75mm	+9.5mm	+19.0mm	+37.5mm	+75.0mm	Moisture (%)	pH (Lab)	Density	pH (Final)	Moisture Content (dried @ 103°C)	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Sodium	Exchangeable Potassium	CEC	Exchangeable Sodium Percent	Total Organic Carbon	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
					%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	pH Units	g/cm3	pH Units	%	meq/100g	meq/100g	meq/100g	meq/100g	meq/100g	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.1	0.1	0.01	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	200	5	1	2	5	5	0.1	2	5
Monitoring Zone	**Location Code**	**Field ID**	**Sample Comments**	**Sample Date**																																				
Summercloud Creek	SC_SD01	SC_SD01_0.0_180323		23/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8	-	-	-	-	-	-	-	-	-	-	2000	<5	<1	<2	<5	<5	<0.1	<2	<5
Summercloud Creek	SC_SD02	SC_SD02_0.0_180323		23/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.9	-	-	-	-	-	-	-	-	-	-	5800	<5	<1	<2	<5	<5	<0.1	<2	<5
Summercloud Creek	SC_SD04	SC_SD04_0.0_180406		5/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.2	-	-	-	-	-	-	-	-	-	-	23,400	<5	<1	3	<5	<5	<0.1	<2	<5
Telegraph Creek	TC_SD01	TC_SD01_0.0_180321		21/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.1	-	-	-	-	-	-	-	-	-	-	47,500	<5	<1	<2	<5	7	<0.1	<2	<5
Telegraph Creek	TC_SD02	TC_SD02_0.0_180321		21/03/2018	2	5	87	6	<1	92	87	27	15	12	8	4	1	<1	<1	<1	<1	38	4.8	2.33	-	-	0.8	2.8	12.2	0.3	16.1	75.6	67,500	<5	<1	2	<5	5	<0.1	<2	<5
Telegraph Creek	TC_SD03	TC_SD03_0.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.6	-	-	-	-	-	-	-	-	-	-	33,000	<5	<1	<2	<5	<5	<0.1	<2	<5
Telegraph Creek	TC_SD04	TC_SD04_0.0_180321		21/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.3	-	-	-	-	-	-	-	-	-	-	39,100	<5	<1	<2	<5	<5	<0.1	<2	<5
Telegraph Creek	TC_SD05	TC_SD05_0.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	-	-	-	-	-	-	-	-	-	-	228,000	<5	<1	8	9	18	<0.1	3	15
Telegraph Creek	TC_SD06	TC_SD06_0.0_180320		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.2	-	-	-	-	-	-	-	-	-	-	20,400	17	<1	21	15	10	<0.1	8	32
Telegraph Creek	TC_SD07	TC_SD07_0.0_180321		20/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.5	-	-	-	-	-	-	-	-	-	-	59,600	<5	<1	7	<5	12	<0.1	<2	<5
Telegraph Creek	TC_SD08	TC_SD08_0.0_180320		20/03/2018	5	8	67	20	<1	87	84	66	58	50	32	14	<1	<1	<1	<1	<1	87.9	4.8	-	-	-	5.4	9.9	3.4	3	22.6	15.9	204,000	6	<1	8	9	13	<0.1	<2	10
Telegraph Creek	TC_SD09	TC_SD09_0.0_180321		21/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.2	-	-	-	-	-	-	-	-	-	-	600	<5	<1	<2	<5	<5	<0.1	<2	<5
Telegraph Creek	TC_SD10	TC_SD10_0.0_180326		26/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.5	-	-	-	-	-	-	-	-	-	-	300	<5	<1	<2	<5	<5	<0.1	<2	<5
Telegraph Creek	TC_SD11	TC_SD11_0.0_180326		26/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.9	-	-	-	-	-	-	-	-	-	-	400	<5	<1	<2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN1_SD01	UN1_SD01_0.0_180327		27/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.2	-	-	-	-	-	-	-	-	-	-	41,700	<5	<1	<2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN1_SD02	UN1_SD02_0.0_180327		27/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.9	-	-	-	-	-	-	-	-	-	-	11,100	<5	<1	<2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN1_SD03	UN1_SD03_0.0_180327		27/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.3	-	-	-	-	-	-	-	-	-	-	1600	<5	<1	4	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN1_SD04	UN1_SD04_0.0_180327		27/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.3	-	-	-	-	-	-	-	-	-	-	1900	<5	<1	4	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN2_SD01	UN2_SD01_0.0_180322		22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.4	-	-	-	-	-	-	-	-	-	-	39,500	<5	<1	9	108	8	<0.1	7	15
Unnamed Water Bodies	UN2_SD01	UN_QC104_180322	UN2_SD01_0.0_180322	22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.1	-	-	-	-	-	-	-	-	-	-	-	<5	<1	8	101	7	<0.1	6	14
Unnamed Water Bodies	UN2_SD02	UN2_SD02_0.0_180322		22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4 - 33	-	-	-	-	-	-	-	-	-	-	-	<5	<1	13	42	13	<0.1	4	<5
Unnamed Water Bodies	UN2_SD02	UN2_QC204_180322	UN2_SD02_0.0_180322	22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-	-	-	-	-	<2	<0.4	14	25	9.6	<0.1	<5	6.6
Unnamed Water Bodies	UN2_SD03	UN2_SD03_0.0_180322		22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2 - 38	-	-	-	-	-	-	-	-	-	-	-	<5	<1	11	62	11	<0.1	3	<5
Unnamed Water Bodies	UN2_SD04	UN2_SD04_0.0_180322		22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5 - 30	-	-	-	-	-	-	-	-	-	-	-	<5	<1	10	75	12	<0.1	3	<5
Unnamed Water Bodies	UN2_SD05	UN2_SD05_0.0_180322		22/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4 - 45	-	-	-	-	-	-	-	-	-	-	-	<5	<1	10	11	20	<0.1	2	9
Unnamed Water Bodies	UN3_SD01	UN3_SD01_0.0_180405		5/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.2	-	-	-	-	-	-	-	-	-	-	6000	<5	<1	<2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN3_SD02	UN3_SD02_0.0_180403		3/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.5	-	-	-	-	-	-	-	-	-	-	52,500	<5	<1	<2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180319		19/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	-	-	-	-	-	-	-	-	-	-	178,000	<5	<1	5	5	13	<0.1	4	5
Unnamed Water Bodies	UN3_SD04	UN3_SD04_0.0_180407		5/04/2018	1	<1	98	1	<1	99	91	5	2	1	1	<1	<1	<1	<1	<1	<1	18.8	9.2	2.71	-	-	0.6	<0.2	<0.2	<0.2	0.6	<0.2	400	<5	<1	<2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN3_SD05	UN3_SD05_0.0_180328		28/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.5	-	-	-	-	-	-	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN3_SD05	UN_QC210_180328	UN3_SD05_0.0_180328	28/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5
Unnamed Water Bodies	UN3_SD06	UN3_SD06_0.0_180328		28/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	-	600	<5	<1	<2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN3_SD07	UN3_SD07_0.0_180403		3/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-	1000	<5	<1	<2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN3_SD08	UN3_SD08_0.0_180403		3/04/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.1	-	-	-	-	-	-	-	-	-	-	800	<5	<1	2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN4_SD01	UN4_SD01_0.0_180326		26/03/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	-	-	-	-	-	-	-	-	-	-	300	<5	<1	<2	<5	<5	<0.1	<2	<5

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed

	BTEXN									TRH - NEPM 2013								TRH - NEPM 1999					Phenols																						Phthalates						
	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene (BTEXN)	BTEX (Sum of Total) - Lab Calc		C6-C10 minus BTEX (F1)	>C10-C16 Fraction	>C10-C16 minus Naphthalene (F2)	>C16-C34 Fraction (F3)	>C34-C40 Fraction (F4)	>C10-C40 (Sum of Total)			C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 (Sum of Total)	3/4-Methylphenol (m/p-cresol)	2,3,4,6-Tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,4-dinitrophenol	2,6-dichlorophenol	2-chlorophenol	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-methylchlorethrene	4-chloro-3-methylphenol	4-nitrophenol	Acetophenone	Pentachlorophenol	Phenol	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Diethylphthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.2		10	10	50	50	100	100	50		10	50	100	100	50	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	1	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5

| Monitoring Zone | Location Code | Field ID | Sample Comments | Sample Date | | | | | | | | | | | | | | | | | | |

					PAHs																										MAH					Herbicides	Dioxins & Furans
					Pyrene	Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a) pyrene	Benzo[b+j]fluoranthene	Benzo[b+j+k]fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Naphthalene-PAH	Phenanthrene	PAHs (Sum of total) - Lab calc	Total B PAHs (as BaP TEQ)(zero LOR) - Lab Calc	Total B PAHs (as BaP TEQ)(half LOR) - Lab Calc	Total B PAHs (as BaP TEQ)(full LOR) - Lab Calc	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	Styrene	Total MAH	Procamide	Dibenzofuran
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Monitoring Zone	**Location Code**	**Field ID**	**Sample Comments**	**Sample Date**																																	
Bherwerre Barrier	BB_MW01	BB_MW01_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Bherwerre Barrier	BB_MW02	BB_MW02_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Bherwerre Barrier	BB_MW03	BB_MW03_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Captains Lagoon	CL_MW02	CL_MW02_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-	-
Captains Lagoon	CL_MW04	CL_MW_04_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	-	-	-	-	-	-	-
Captains Lagoon	CL_MW05	CL_MW_05_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	-	-	-	-	-	-	-
Captains Lagoon	CL_SD12	CL_SD12_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Captains Lagoon	CL_SD12	CL_QC208_180326	CL_SD12_0.0_180326	26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Captains Lagoon	CL_SD13	CL_SD13_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Flatrock Creek	FC_SD13	FC_SD13_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	-	-	-	-	-	-	-
Flatrock Creek	FC_SD14	FC_SD14_0.0_180406		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Flatrock Creek	FC_SD15	FC_SD15_0.0_180406		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Lake McKenzie	LM_MW02	LM_MW02_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Lake Windermere	LW_MW01	LW_MW01_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Mary Creek	MC_MW01	MC_MW01_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-	-
Mary Creek	MC_MW02	MC_MW02_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-	-
Mary Creek	MC_MW03	MC_MW03_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-	-
Mary Creek	MC_MW03	UN2_QC201_180322	MC_MW03_0.0_180322	22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-	-
Mary Creek	MC_MW04	MC_MW04_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-	-
Mary Creek	MC_SD01	MC_SD01_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Mary Creek	MC_SD02	MC_SD02_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Mary Creek	MC_SD03	MC_SD03_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Mary Creek	MC_SD04	MC_SD04_0.0_1804		19/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Mary Creek	MC_SD06	MC_SD06_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Mary Creek	MC_SD06	MC_QC110_180328	MC_SD06_0.0_180405	28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Mary Creek	MC_SD08	MC_SD08_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Mary Creek	MC_SD09	MC_SD09_0.0_180328		28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Mary Creek	MC_SD10	MC_SD10_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Summercloud Creek	SC_SD01	SC_SD01_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Summercloud Creek	SC_SD02	SC_SD02_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Summercloud Creek	SC_SD04	SC_SD04_0.0_180406		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Telegraph Creek	TC_SD01	TC_SD01_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Telegraph Creek	TC_SD02	TC_SD02_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Telegraph Creek	TC_SD03	TC_SD03_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Telegraph Creek	TC_SD04	TC_SD04_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Telegraph Creek	TC_SD05	TC_SD05_0.0_180320		20/03/2018	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	-	<1	<1	1.2	<0.5	<0.5	<0.5	<0.5	-	<1.5	<1.5
Telegraph Creek	TC_SD06	TC_SD06_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Telegraph Creek	TC_SD07	TC_SD07_0.0_180321		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Telegraph Creek	TC_SD08	TC_SD08_0.0_180320		20/03/2018	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	-	<1	<1	1.2	<0.5	<0.5	<0.5	<0.5	-	<1.5	<1.5
Telegraph Creek	TC_SD09	TC_SD09_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Telegraph Creek	TC_SD10	TC_SD10_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Telegraph Creek	TC_SD11	TC_SD11_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN1_SD01	UN1_SD01_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN1_SD02	UN1_SD02_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN1_SD03	UN1_SD03_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN1_SD04	UN1_SD04_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN2_SD01	UN2_SD01_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN2_SD01	UN_QC104_180322	UN2_SD01_0.0_180322	22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN2_SD02	UN2_SD02_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN2_SD02	UN2_QC204_180322	UN2_SD02_0.0_180322	22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN2_SD03	UN2_SD03_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN2_SD04	UN2_SD04_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN2_SD05	UN2_SD05_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN3_SD01	UN3_SD01_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN3_SD02	UN3_SD02_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180319		19/03/2018	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	-	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	-	<0.8	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.6	<0.6
Unnamed Water Bodies	UN3_SD04	UN3_SD04_0.0_180407		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN3_SD05	UN3_SD05_0.0_180328		28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN3_SD05	UN_QC210_180328	UN3_SD05_0.0_180328	28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD06	UN3_SD06_0.0_180328		28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN3_SD07	UN3_SD07_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN3_SD08	UN3_SD08_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
Unnamed Water Bodies	UN4_SD01	UN4_SD01_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed

					VOCs																												Nitrosoamines	Nitroaromatics		
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date	1,1-dichloroethane	1,2,3-trichlorobenzene	1,2,3-trichloropropane	1,2-dibromoethane	1,3-dichlorobenzene	1,4-Dioxane	2-butanone (MEK)	2-hexanone (MBK)	4-methyl-2-pentanone (MIBK)	Acetone	Allyl chloride	Bromodichloromethane	Bromoform	Carbon disulfide	Chlorodibromomethane	Chloroethane	cis-1,3-dichloropropene	cis-1,4-Dichloro-2-butene	Dibromomethane	Iodomethane	n-butylbenzene	n-propylbenzene	Pentachloroethane	p-isopropyltoluene	sec-butylbenzene	TCE	tert-butylbenzene	Tetrachloroethane	trans-1,2-dichloroethene	trans-1,3-dichloropropene	trans-1,4-Dichloro-2-butene	Trichlorofluoromethane	Vinyl acetate	N-Nitrosodiphenyl & Diphenylamine	2-Picoline	4-aminobiphenyl	Pentachloronitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.05	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	0.5	0.5	0.5
Bherwerre Barrier	BB_MW01	BB_MW01_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Bherwerre Barrier	BB_MW02	BB_MW02_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Bherwerre Barrier	BB_MW03	BB_MW03_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Captains Lagoon	CL_MW02	CL_MW02_0.0_180321		21/03/2018	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_MW04	CL_MW_04_0.0_180326		26/03/2018	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SD12	CL_SD12_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Captains Lagoon	CL_SD12	CL_QC208_180326	CL_SD12_0.0_180326	26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5
Captains Lagoon	CL_SD13	CL_SD13_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Flatrock Creek	FC_SD13	FC_SD13_0.0_180321		21/03/2018	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_SD14	FC_SD14_0.0_180406		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Flatrock Creek	FC_SD15	FC_SD15_0.0_180406		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Lake McKenzie	LM_MW02	LM_MW02_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Lake Windermere	LW_MW01	LW_MW01_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Mary Creek	MC_MW01	MC_MW01_0.0_180323		23/03/2018	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary Creek	MC_MW02	MC_MW02_0.0_180322		22/03/2018	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary Creek	MC_MW03	MC_MW03_0.0_180322		22/03/2018	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary Creek	MC_MW03	UN2_QC201_180322	MC_MW03_0.0_180322	22/03/2018	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary Creek	MC_MW04	MC_MW04_0.0_180322		22/03/2018	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary Creek	MC_SD01	MC_SD01_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Mary Creek	MC_SD02	MC_SD02_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Mary Creek	MC_SD03	MC_SD03_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Mary Creek	MC_SD04	MC_SD04_0.0_1804		19/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Mary Creek	MC_SD06	MC_SD06_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Mary Creek	MC_SD06	MC_QC110_180328	MC_SD06_0.0_180405	28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Mary Creek	MC_SD08	MC_SD08_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Mary Creek	MC_SD09	MC_SD09_0.0_180328		28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Mary Creek	MC_SD10	MC_SD10_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Summercloud Creek	SC_SD01	SC_SD01_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Summercloud Creek	SC_SD02	SC_SD02_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Summercloud Creek	SC_SD04	SC_SD04_0.0_180406		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Telegraph Creek	TC_SD01	TC_SD01_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Telegraph Creek	TC_SD02	TC_SD02_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Telegraph Creek	TC_SD03	TC_SD03_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Telegraph Creek	TC_SD04	TC_SD04_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Telegraph Creek	TC_SD05	TC_SD05_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<1.5	-	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<7	<1.5	<1.5	<1.5
Telegraph Creek	TC_SD06	TC_SD06_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Telegraph Creek	TC_SD07	TC_SD07_0.0_180321		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Telegraph Creek	TC_SD08	TC_SD08_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<1.5	-	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<3	<1.5	<1.5	<1.5
Telegraph Creek	TC_SD09	TC_SD09_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Telegraph Creek	TC_SD10	TC_SD10_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Telegraph Creek	TC_SD11	TC_SD11_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN1_SD01	UN1_SD01_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN1_SD02	UN1_SD02_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN1_SD03	UN1_SD03_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN1_SD04	UN1_SD04_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN2_SD01	UN2_SD01_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN2_SD01	UN_QC104_180322	UN2_SD01_0.0_180322	22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN2_SD02	UN2_SD02_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN2_SD02	UN2_QC204_180322	UN2_SD02_0.0_180322	22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN2_SD03	UN2_SD03_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN2_SD04	UN2_SD04_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN2_SD05	UN2_SD05_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD01	UN3_SD01_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD02	UN3_SD02_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180319		19/03/2018	<0.5	<0.5	<0.5	<0.5	<0.6	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1.2	<0.6	<0.6	<0.6
Unnamed Water Bodies	UN3_SD04	UN3_SD04_0.0_180407		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD05	UN3_SD05_0.0_180328		28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD05	UN_QC210_180328	UN3_SD05_0.0_180328	28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD06	UN3_SD06_0.0_180328		28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD07	UN3_SD07_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD08	UN3_SD08_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN4_SD01	UN4_SD01_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed

| | | | | | SVOCs | | | | |

					OC Pesticides																			OP Pesticides											Halogenated Hydrocarbons	
					4,4-DDE	a-BHC	Aldrin	b-BHC	d-BHC	4,4 DDD	4,4 DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenthion	Malathion	Pirimphos-ethyl	Prothiofos	Bromomethane	Dichlorodifluoromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date																																
Bherwerre Barrier	BB_MW01	BB_MW01_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Bherwerre Barrier	BB_MW02	BB_MW02_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Bherwerre Barrier	BB_MW03	BB_MW03_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Captains Lagoon	CL_SD12	CL_SD12_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Captains Lagoon	CL_SD12	CL_QC208_180326	CL_SD12_0.0_180326	26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5
Captains Lagoon	CL_SD13	CL_SD13_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Flatrock Creek	FC_SD14	FC_SD14_0.0_180406		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Flatrock Creek	FC_SD15	FC_SD15_0.0_180406		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Lake McKenzie	LM_MW02	LM_MW02_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Lake Windermere	LW_MW01	LW_MW01_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD01	MC_SD01_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD02	MC_SD02_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD03	MC_SD03_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD04	MC_SD04_0.0_1804		19/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD06	MC_SD06_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD06	MC_QC110_180328	MC_SD06_0.0_180405	28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD08	MC_SD08_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD09	MC_SD09_0.0_180328		28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD10	MC_SD10_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Summercloud Creek	SC_SD01	SC_SD01_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Summercloud Creek	SC_SD02	SC_SD02_0.0_180323		23/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Summercloud Creek	SC_SD04	SC_SD04_0.0_180406		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Telegraph Creek	TC_SD01	TC_SD01_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Telegraph Creek	TC_SD02	TC_SD02_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Telegraph Creek	TC_SD03	TC_SD03_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Telegraph Creek	TC_SD04	TC_SD04_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Telegraph Creek	TC_SD05	TC_SD05_0.0_180320		20/03/2018	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	-	-	<1.5	<1.5	<1.5	<1.5	-	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<5	<5
Telegraph Creek	TC_SD06	TC_SD06_0.0_180320		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Telegraph Creek	TC_SD07	TC_SD07_0.0_180321		20/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Telegraph Creek	TC_SD08	TC_SD08_0.0_180320		20/03/2018	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	-	-	<1.5	<1.5	<1.5	<1.5	-	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<5	<5
Telegraph Creek	TC_SD09	TC_SD09_0.0_180321		21/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Telegraph Creek	TC_SD10	TC_SD10_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Telegraph Creek	TC_SD11	TC_SD11_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN1_SD01	UN1_SD01_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN1_SD02	UN1_SD02_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN1_SD03	UN1_SD03_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN1_SD04	UN1_SD04_0.0_180327		27/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN2_SD01	UN2_SD01_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN2_SD01	UN_QC104_180322	UN2_SD01_0.0_180322	22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN2_SD02	UN2_SD02_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN2_SD02	UN2_QC204_180322	UN2_SD02_0.0_180322	22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5
Unnamed Water Bodies	UN2_SD03	UN2_SD03_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN2_SD04	UN2_SD04_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN2_SD05	UN2_SD05_0.0_180322		22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN3_SD01	UN3_SD01_0.0_180405		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN3_SD02	UN3_SD02_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180319		19/03/2018	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<1	<0.6	<0.6	<0.6	<0.6	<0.6	-	-	<0.6	<0.6	<0.6	<1	-	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<5	<5
Unnamed Water Bodies	UN3_SD04	UN3_SD04_0.0_180407		5/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN3_SD05	UN3_SD05_0.0_180328		28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN3_SD05	UN_QC210_180328	UN3_SD05_0.0_180328	28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5
Unnamed Water Bodies	UN3_SD06	UN3_SD06_0.0_180328		28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN3_SD07	UN3_SD07_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN3_SD08	UN3_SD08_0.0_180403		3/04/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN4_SD01	UN4_SD01_0.0_180326		26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed

					Chlorinated Hydrocarbons																																		Explosives			
					Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons (Total)	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,4-trichlorobenzene	1,2-dibromo-3-chloropropane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	1,4-dichlorobenzene	2,2-dichloropropane	2-chloronaphthalene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Bromochloromethane	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-dichloroethene	Dichloromethane	Hexachlorobutadiene	Vinyl chloride	1,3,5-Trinitrobenzene	2,4-Dinitrotoluene	2,6-dinitrotoluene	Nitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	5	0.5	1	1	0.5
Monitoring Zone	**Location Code**	**Field ID**	**Sample Comments**	**Sample Date**																																					
Bherwerre Barrier	BB_MW01	BB_MW01_0.0_180320		20/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Bherwerre Barrier	BB_MW02	BB_MW02_0.0_180320		20/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Bherwerre Barrier	BB_MW03	BB_MW03_0.0_180320		20/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Captains Lagoon	CL_SD12	CL_SD12_0.0_180326		26/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Captains Lagoon	CL_SD12	CL_QC208_180326	CL_SD12_0.0_180326	26/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
Captains Lagoon	CL_SD13	CL_SD13_0.0_180326		26/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Flatrock Creek	FC_SD14	FC_SD14_0.0_180406		5/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Flatrock Creek	FC_SD15	FC_SD15_0.0_180406		5/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Lake McKenzie	LM_MW02	LM_MW02_0.0_180405		5/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Lake Windermere	LW_MW01	LW_MW01_0.0_180403		3/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD01	MC_SD01_0.0_180320		20/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD02	MC_SD02_0.0_180323		23/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD03	MC_SD03_0.0_180323		23/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD04	MC_SD04_0.0_1804		19/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD06	MC_SD06_0.0_180405		5/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD06	MC_QC110_180328	MC_SD06_0.0_180405	28/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD08	MC_SD08_0.0_180405		5/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD09	MC_SD09_0.0_180328		28/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD10	MC_SD10_0.0_180320		20/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Summercloud Creek	SC_SD01	SC_SD01_0.0_180323		23/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Summercloud Creek	SC_SD02	SC_SD02_0.0_180323		23/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Summercloud Creek	SC_SD04	SC_SD04_0.0_180406		5/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Telegraph Creek	TC_SD01	TC_SD01_0.0_180321		21/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Telegraph Creek	TC_SD02	TC_SD02_0.0_180321		21/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Telegraph Creek	TC_SD03	TC_SD03_0.0_180320		20/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Telegraph Creek	TC_SD04	TC_SD04_0.0_180321		21/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Telegraph Creek	TC_SD05	TC_SD05_0.0_180320		20/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<1.5	<0.5	<0.5	<0.5	<1.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<1.5	<5	<1.5	<1.5	<1.5	<1.5
Telegraph Creek	TC_SD06	TC_SD06_0.0_180320		20/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Telegraph Creek	TC_SD07	TC_SD07_0.0_180321		20/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Telegraph Creek	TC_SD08	TC_SD08_0.0_180320		20/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<1.5	<0.5	<0.5	<0.5	<1.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<1.5	<5	<1.5	<1.5	<1.5	<1.5
Telegraph Creek	TC_SD09	TC_SD09_0.0_180321		21/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Telegraph Creek	TC_SD10	TC_SD10_0.0_180326		26/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Telegraph Creek	TC_SD11	TC_SD11_0.0_180326		26/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN1_SD01	UN1_SD01_0.0_180327		27/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN1_SD02	UN1_SD02_0.0_180327		27/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN1_SD03	UN1_SD03_0.0_180327		27/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN1_SD04	UN1_SD04_0.0_180327		27/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN2_SD01	UN2_SD01_0.0_180322		22/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN2_SD01	UN_QC104_180322	UN2_SD01_0.0_180322	22/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN2_SD02	UN2_SD02_0.0_180322		22/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN2_SD02	UN2_QC204_180322	UN2_SD02_0.0_180322	22/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN2_SD03	UN2_SD03_0.0_180322		22/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN2_SD04	UN2_SD04_0.0_180322		22/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN2_SD05	UN2_SD05_0.0_180322		22/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN3_SD01	UN3_SD01_0.0_180405		5/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN3_SD02	UN3_SD02_0.0_180403		3/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180319		19/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.5	<0.6	<0.5	<0.5	<0.5	<0.6	<0.5	<0.6	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.6	<5	<0.6	<1	<1	<0.6
Unnamed Water Bodies	UN3_SD04	UN3_SD04_0.0_180407		5/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN3_SD05	UN3_SD05_0.0_180328		28/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN3_SD05	UN_QC210_180328	UN3_SD05_0.0_180328	28/03/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD06	UN3_SD06_0.0_180328		28/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN3_SD07	UN3_SD07_0.0_180403		3/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN3_SD08	UN3_SD08_0.0_180403		3/04/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN4_SD01	UN4_SD01_0.0_180326		26/03/2018	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<5	<0.5	-	<0.5	<5	<0.5	<1	<1	<0.5

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed

Table 11 : Dry Weather Soil Leachate Results - PFAS

				PFAS																																		
				Perfluorodecanesulfonic acid (PFDS)	PFOS/PFHxS (Sum of Total) - Auto Calc	N-Methyl perfluorooctane sulfonamidoethanol	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	Perfluoroheptane sulfonic acid	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoropentanoic acid (PFPeA)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoethanol	N-Methyl perfluorooctane sulfonamide (MeFOSA)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	Perfluorooctanoic acid (PFOA)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctane sulfonamide (FOSA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of PFHxS and PFOS
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR				0.02		0.05	0.02	0.02	0.05	0.05	0.02	0.02	0.02	0.02	0.02	0.05	0.05	0.05	0.05	0.05	0.01	0.02	0.1	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.05	0.02	0.02	0.01	0.01	0.01
Monitoring Zone	**Location Code**	**Field ID**	**Sample Date**																																			
Lake McKenzie	LM_MW02	LM_MW02_0.0_180405	5/04/2018	<0.02	0	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Lake Windermere	LW_MW01	LW_MW01_0.0_180403	3/04/2018	<0.02	0	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01

Notes:
mg/kg = milligrams per kilogram
LOR = Limit of Reporting
- = not analysed

Stedman, Andrew (Health)

From: [redacted]
Sent: Thursday, 7 June 2018 7:57 AM
To: [redacted]; Clapham, David; Chester, Heath; [redacted]; Stedman, Andrew (Health); [redacted]; Hudson, Lyndell (Health); [redacted]
Subject: JBRF PFAS Investigation Factual Letter 15
Attachments: 2126171_LET_factual letter 15_ June 2018.pdf

Dear PCG,

Attached for your information is Factual letter 15 Preliminary sampling results Wetweather soil and water.

Regards,

[redacted]

GHD
[redacted]
Level 2, 57 Graham Street (PO Box 621) Nowra NSW 2541 Australia | http://www.ghd.com/
Water | Energy & Resources | Environment | Property & Buildings | Transportation

CONFIDENTIALITY NOTICE: This email, including any attachments, is confidential and may be privileged. If you are not the intended recipient please notify the sender immediately, and please delete it; you should not copy it or use it for any purpose or disclose its contents to any other person. GHD and its affiliates reserve the right to monitor and modify all email communications through their networks.

05 June 2018

2126171_LET_factual letter 15

[redacted]
Project Director – JBRF & HMAS Creswell
PFAS Investigation and Management Branch
Department of Defence

Dear [redacted]

JBRF & HMAS Creswell- Environmental investigation: Preliminary soil and water sampling results from wet weather offsite investigations (processed by 31 May 2018)

1 Introduction

GHD Pty Ltd (GHD), on behalf of the Department of Defence (Defence), is undertaking the Environmental Investigation in and around Jervis Bay Range Facility (JBRF) and HMAS Creswell, within the Jervis Bay Territory (JBT) (the Site). This report includes data that has been collected and processed as at 31 May 2018, primarily for the offsite sampling program.

It should be noted that these data are provided for information purposes only and that the use of these data should take into account factors that have been used to develop the conceptual site model (as presented in GHD's Sampling, Analysis and Quality Plan).

GHD will continue to provide results from further sampling, following the processing of the data.

2 Purpose

The purpose of the provision of preliminary data is to allow Defence and other stakeholders, including NSW and ACT Governments to view the data prior to its use in the technical reports for the Environmental Investigations.

3 Laboratory Analysis

Upon collection, the samples were sent under Chain of Custody (CoC) conditions to the following National Association of Testing Authorities (NATA) accredited laboratories:

- ALS Environmental, 277-289 Woodpark Road Smithfield, NSW, 2164
- Eurofins | mgt, Unit F3, Building F, 16 Mars Road, Lane Cove West, NSW, 2066

4 Preliminary Results Tables

The preliminary results are provided in the attached figures and tables.

The data is not for public distribution.

GHD Pty Ltd ABN 39 008 488 373
Level 15, 133 Castlereagh Street Sydney NSW 2000 Australia
T 61 2 9239 7100 **F** 61 2 9239 7199 **E** sydmail@ghd.com **W** www.ghd.com

5 Closure

GHD trusts the above information is suitable for Defence requirements.

Yours Sincerely
GHD Pty Ltd

[redacted]

Enclosures:

Figure 1: Concentration plan for PFHxS and PFOS (sum) – Soil and Sediment (Wet Weather Sampling)

Figure 2: Concentration plan for PFHxS and PFOS (sum) – Surface Water and Groundwater (Wet Weather Sampling)

Table 1: Wet Weather Water Results – PFAS

Table 2: Wet Weather Water Results – Ions, Metals and Nutrients

Table 3: Dry Weather Water Results – BTEXN, TRH, Phenols, Phthalates, PAHs, MAH, Herbicides, Dioxins, Furans and Explosives

Table 4: Wet Weather Water Results – VOCs, Nitroaromatics, Nitroamines and SVOCs

Table 5: Dry Weather Water Results – OCP, OPP, Halogenated Hydrocarbons, Chlorinated Hydrocarbons

Table 6: Wet Weather Soil Results – PFAS

Table 2: Wet Weather Soil Results – Inorganics, TOC and Metals

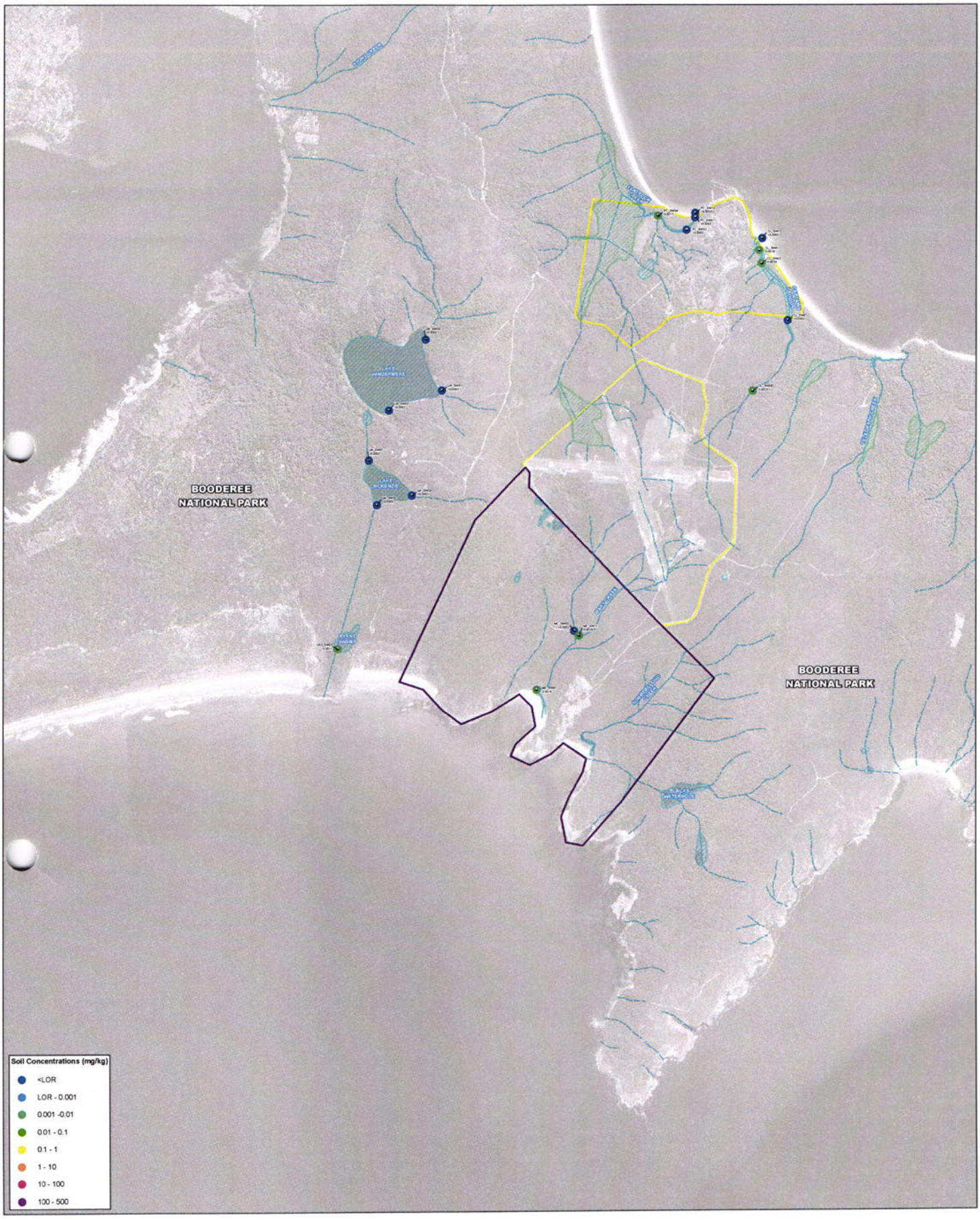
Table 8: Wet Weather Soil Results – BTEXN, TRH, Phenols, Phthalates, PAHs, MAH, Herdicides, Dioxins, Furans, Explosives

Table 9: Wet Weather Soil Results – VOCs, SVOCs

Table 10: Wet Weather Soil Results –OCP, OPP, Halogenated Hydrocarbons, Chlorinated Hydrocarbons

Table 11: Wet Weather Pore Water Results – PFAS

"GHD has prepared this Letter on the basis of information provided by ALS Environmental and others who provided information to GHD, which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the letter which were caused by errors or omissions in that information."



LEGEND

- HMAS Creswell / JBRF Boundary
- 403 Area
- Water Bodies
- Drainage Areas
- Major Waterways
- Sediment Sample

DRAFT

0 250 500 1,000
Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

N

Department of Defence
HMAS Creswell and Jervis Bay Range Facility

Concentrations of PFHxS and PFOS (sum) - Soil and Sediment (Wet Weather Sampling)

Job Number	21-26171
Revision	A
Date	04 Jun 2018

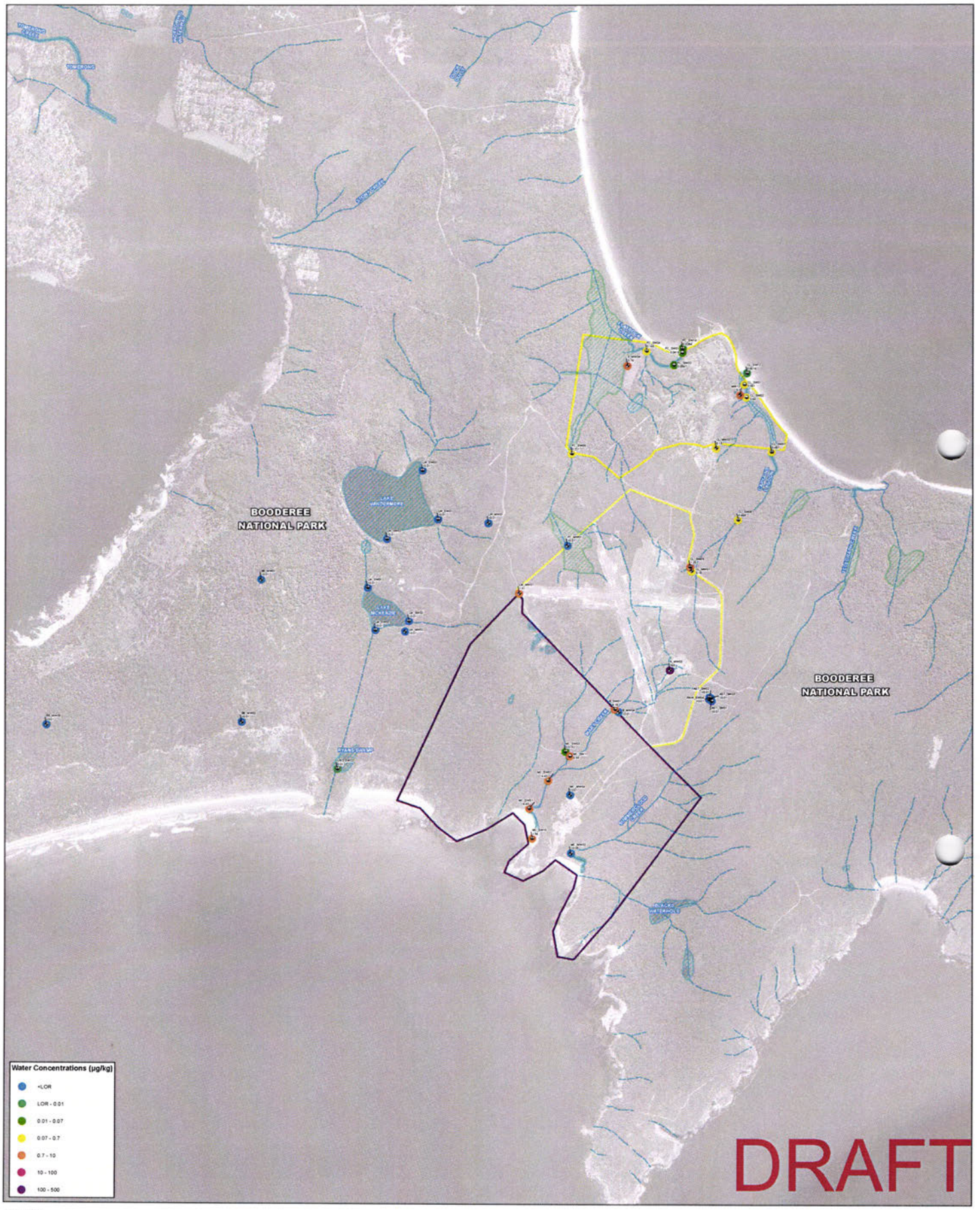
Figure A

N:\AU\Sydney\Projects\21\26171\GIS\Maps\Deliverables\Concentrations\21_26171_Z010_Concentrations_PFHxS_Soil_Wet.mxd

© 2018. Whilst every care has been taken to prepare this map, GHD and NSW LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.

Data source: Imagery - Land and Property Information (2017). Streets, Waterways, Contours - NSW LPI 2015 DTDB; Contours - NSW LPI 2016. Created by:mweber

Level 15, 133 Castlereagh Street Sydney NSW 2000 T 61 2 9239 7100 F 61 2 9239 7199 E sydmail@ghd.com.au W www.ghd.com.au



LEGEND

- HMAS Creswell / JBRF Boundary
- Water Bodies
- Drainage Areas
- Major Waterways
- Groundwater Sample
- Surface Water sample

0 250 500 1,000
Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

N

GHD

Department of Defence
HMAS Creswell and Jervis Bay Range Facility

Concentrations of PFHxS and PFOS (sum) - Surface Water and Groundwater (Wet Weather Sampling)

Job Number	21-26171
Revision	A
Date	04 Jun 2018

Figure B

\\ghdnet\ghd\AU\Sydney\Projects\21\26171\GIS\Maps\Deliverables\Concentrations\21_26171_Z011_Concentrations_PFHxS_Water_Wet.mxd
© 2018. Whilst every care has been taken to prepare this map, GHD and NSW LPI make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.
Data source: Imagery - Land and Property Information (2017); Streets, Waterways, Contours - NSW LPI 2015 DTDB; Contours - NSW LPI 2016. Created by mweber

Level 15, 133 Castlereagh Street Sydney NSW 2000 T 61 2 9239 7100 F 61 2 9239 7199 E sydmail@ghd.com.au W www.ghd.com.au

Table 1
Wet Weather Water Results - PFAS

Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date	Perfluorodecanesulfonic acid (PFDS)	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	N-Methyl perfluorooctane sulfonamidoethanol	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	Perfluoroheptane sulfonic acid	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoropentanoic acid (PFPeA)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoethanol	N-Methyl perfluorooctane sulfonamide (MeFOSA)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	Perfluorooctanoic acid (PFOA)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctane sulfonamide (FOSA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of PFHxS and PFOS
					PFAS																																
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR					0.0005	0.01	0.01	0.001	0.0005	0.0005	0.001	0.001	0.0005	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.001	0.001	0.0005	0.0005	0.002	0.0005	0.0005	0.0005	0.0005	0.0005	0.0003	0.0005	0.0005	0.0005	0.0005	0.0003	0.0003	0.0003
AEC A	A_MW03	A_MW03_180502		2/05/2018	<0.02	-	-	<0.05	<0.02	3.45	<0.05	<0.05	2.32	<0.02	29.6	0.84	<0.05	<0.05	<0.05	<0.05	<0.05	2.07	4.6	0.5	<0.02	<0.02	0.75	5.27	0.03	139	<0.02	<0.05	<0.02	<0.02	188	180	169
AEC B	B_MW04	B_MW04_180502		2/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
AEC B	B_SW01	B_SW01_180501		1/05/2018	0.0033	-	-	<0.001	<0.0005	0.188	<0.001	<0.001	0.239	<0.0005	4.03	0.0305	<0.001	<0.001	<0.001	<0.001	0.003	0.152	0.394	<0.002	<0.0005	<0.0005	0.0681	0.314	0.0014	4.15	<0.0005	<0.0005	<0.0005	<0.0005	9.57	8.99	8.18
AEC E	E_MW04	E_MW04_180503		3/05/2018	<0.02	-	-	<0.05	<0.02	0.06	<0.05	<0.05	0.04	<0.02	1.3	0.03	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	0.08	<0.1	<0.02	<0.02	0.02	0.18	<0.02	4.46	<0.02	<0.05	<0.02	<0.02	6.23	6.09	5.76
Bherwerre Barrier	BB_MW01	BB_MW01_180515		15/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Bherwerre Barrier	BB_MW02	BB_MW02_180516		16/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Bherwerre Barrier	BB_MW02	BB_QC116_180516	BB_MW02_180516	16/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Bherwerre Barrier	BB_MW02	BB_QC217_180516	BB_MW02_180516	16/05/2018	<0.01	<0.01	<0.01	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.1	<0.05	<0.01
Bherwerre Barrier	BB_MW03	BB_MW03_180516		16/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Captains Lagoon	CL_MW01	CL_MW01_180503		3/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	0.09	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	0.09	<0.02	<0.05	<0.02	<0.02	0.18	0.18	0.18
Captains Lagoon	CL_MW01	CL_QC114_180503	CL_MW01_180503	3/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	0.25	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	0.03	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	0.43	<0.02	<0.05	<0.02	<0.02	0.74	0.71	0.68
Captains Lagoon	CL_MW02	CL_MW02_180502		2/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	0.02	<0.02	0.1	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	0.02	<0.1	<0.02	<0.02	<0.02	0.03	<0.02	0.05	<0.02	<0.05	<0.02	<0.02	0.22	0.2	0.15
Captains Lagoon	CL_SW01	CL_SW01_180501		1/05/2018	<0.0005	-	-	<0.001	<0.0005	0.0107	<0.001	<0.001	0.0238	<0.0005	0.292	0.0172	<0.001	<0.001	<0.001	<0.001	0.001	0.0119	0.0279	<0.002	<0.0005	<0.0005	0.0091	0.0529	0.0008	0.269	<0.0005	<0.0005	<0.0005	<0.0005	0.716	0.677	0.561
Captains Lagoon	CL_SW02	CL_SW02_180501		1/05/2018	<0.0005	-	-	<0.001	<0.0005	0.0115	<0.001	<0.001	0.0241	<0.0005	0.34	0.0192	<0.001	<0.001	<0.001	<0.001	0.001	0.0133	0.0281	<0.002	<0.0005	<0.0005	0.0094	0.0545	0.0007	0.3	<0.0005	<0.0005	<0.0005	<0.0005	0.802	0.762	0.64
Captains Lagoon	CL_SW07	CL_SW07_180501		1/05/2018	<0.0005	-	-	<0.001	<0.0005	0.0116	<0.001	<0.001	0.0261	<0.0005	0.269	0.0182	<0.001	<0.001	<0.001	<0.001	0.002	0.0142	0.0276	<0.002	<0.0005	<0.0005	0.0094	0.054	0.0009	0.218	<0.0005	<0.0005	<0.0005	<0.0005	0.651	0.611	0.487
Captains Lagoon	CL_SW07	CL_QC221_180501	CL_SW07_180501	1/05/2018	<0.01	0.59	0.29	<0.05	<0.05	<0.01	<0.01	<0.01	0.03	<0.05	0.3	0.02	<0.01	<0.05	<0.05	<0.05	<0.05	0.01	0.02	<0.05	<0.01	<0.01	<0.01	0.05	<0.01	0.28	<0.05	<0.01	<0.01	<0.01	0.71	0.69	0.58
Captains Lagoon	CL_SW08	CL_SW08_180501		1/05/2018	0.0008	-	-	<0.001	<0.0005	0.0139	<0.001	<0.001	0.0399	<0.0005	0.405	0.0029	<0.001	<0.001	<0.001	<0.001	0.002	0.0107	0.0432	<0.002	<0.0005	<0.0005	0.0051	0.0145	<0.0005	0.263	<0.0005	<0.0005	<0.0005	<0.0005	0.801	0.743	0.668
Captains Lagoon	CL_SW09	CL_SW09_180430		30/04/2018	0.0007	-	-	<0.001	<0.0005	0.0234	<0.001	<0.001	0.0581	<0.0005	0.655	0.007	<0.001	<0.001	<0.001	<0.001	0.004	0.0189	0.0631	<0.002	<0.0005	<0.0005	0.0097	0.0407	0.0013	0.596	<0.0005	<0.0005	<0.0005	<0.0005	1.48	1.39	1.25
Captains Lagoon	CL_SW12	CL_SW12_180515		15/05/2018	<0.0005	-	-	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0009	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	<0.0005	<0.0005	<0.0005	<0.0005	0.0016	0.0016	0.0016
Flatrock Creek	FC_MW01	FC_MW01_180503		3/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Flatrock Creek	FC_SW01	FC_SW01_180515		15/05/2018	<0.0005	-	-	<0.001	<0.0005	0.002	<0.001	<0.001	0.0025	<0.0005	0.0293	0.0006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	0.0021	<0.002	<0.0005	<0.0005	<0.0005	0.0026	<0.0005	0.0123	<0.0005	<0.0005	<0.0005	<0.0005	0.0514	0.0473	0.0416
Flatrock Creek	FC_SW01	FC_QC216_180515	FC_SW01_180515	15/05/2018	<0.01	0.03	0.01	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.05	0.02	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.05	<0.01	<0.01	<0.01	<0.1	<0.05	0.03
Flatrock Creek	FC_SW02	FC_SW02_180515		15/05/2018	<0.0005	-	-	<0.001	<0.0005	0.0023	<0.001	<0.001	0.0031	<0.0005	0.0396	0.0009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	0.0031	<0.002	<0.0005	<0.0005	0.0006	0.0035	<0.0005	0.0171	<0.0005	<0.0005	<0.0005	<0.0005	0.0702	0.0648	0.0567
Flatrock Creek	FC_SW04	FC_SW04_180515		15/05/2018	<0.0005	-	-	<0.001	<0.0005	0.0054	<0.001	<0.001	0.0078	<0.0005	0.0954	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	0.0012	0.0072	<0.002	<0.0005	<0.0005	0.001	0.0077	<0.0005	0.0492	<0.0005	<0.0005	<0.0005	<0.0005	0.176	0.164	0.145
Flatrock Creek	FC_SW05	FC_SW05_180430		30/04/2018	<0.002	-	-	<0.005	<0.002	0.0022	<0.002	<0.002	0.0076	<0.002	0.125	<0.002	<0.002	<0.005	<0.005	<0.005	<0.002	<0.002	0.01	<0.002	<0.002	<0.002	<0.002	0.0054	<0.002	0.0962	<0.002	<0.005	<0.002	<0.002	0.246	0.234	0.221
Flatrock Creek	FC_SW05	FC_QC113_180430	FC_SW05_180430	30/04/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	0.16	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	0.1	<0.02	<0.05	<0.02	<0.02	0.26	0.26	0.26
Flatrock Creek	FC_SW14	FC_SW14_180515		15/05/2018	<0.0005	-	-	<0.001	<0.0005	0.0014	<0.001	<0.001	0.0017	<0.0005	0.02	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	0.0016	<0.002	<0.0005	<0.0005	<0.0005	0.0018	<0.0005	0.0084	<0.0005	<0.0005	<0.0005	<0.0005	0.0349	0.0319	0.0284
HMAS Creswell	MW12	0020_MW012_180503		3/05/2018	<0.02	-	-	<0.05	<0.02	0.06	<0.05	<0.05	0.05	<0.02	1.3	0.02	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	0.09	<0.1	<0.02	<0.02	0.03	0.19	<0.02	4	<0.02	<0.05	<0.02	<0.02	5.8	5.65	5.3
Lake McKenzie	LM_MW01	LM_MW01_180503		3/05/2018	<0.02	-	-	<0.05	<0.02	0.06	<0.05	<0.05	0.03	<0.02	0.72	0.03	<0.05	<0.05	<0.05	<0.05	<0.05	0.03	0.05	<0.1	<0.02	<0.02	<0.02	0.13	<0.02	1.09	<0.02	<0.05	<0.02	<0.02	2.14	2.03	1.81
Lake McKenzie	LM_MW02	LM_MW02_180503		3/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Lake McKenzie	LM_SW01	LM_SW01_180514		14/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Lake McKenzie	LM_SW02	LM_SW02_180516		16/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Lake McKenzie	LM_SW03	LM_SW03_180514		14/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Lake Windermere	LW_MW01	LW_MW01_180515		15/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Lake Windermere	LW_SW01	LW_SW01_180514		14/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Lake Windermere	LW_SW02	LW_SW02_180516		16/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Lake Windermere	LW_SW02	LW_QC117_180516	LW_SW02_180516	16/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Lake Windermere	LW_SW03	LW_SW03_180514		14/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Mary Creek	MC_MW02	MC_MW02_180502		2/05/2018	<0.05	-	-	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05
Mary Creek	MC_MW04	MC_MW04_180502		2/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Mary Creek	MC_SW01	MC_SW01_180501		1/05/2018	<0.002	-	-	<0.005	<0.002	0.0998	<0.002	<0.002	0.137	<0.002	2.83	0.0082	<0.002	<0.005	<0.005	<0.005	<0.002	0.0844	0.254	<0.002	<0.002	<0.002	0.0304	0.116	<0.002	1.6	<0.002	<0.005	<0.002	<0.002	5.16	4.81	4.43
Mary Creek	MC_SW02	MC_SW02_180430		30/04/2018	<0.002	-	-	<0.005	<0.002	0.094	<0.002	<0.002	0.147	<0.002	2.95	0.0082	<0.002	<0.005	<0.005	<0.005	<0.002	0.101	0.291	<0.002	<0.002	<0.002	0.0306	0.12	<0.002	1.48	<0.002	<0.005	<0.002	<0.002	5.22	4.84	4.43
Mary Creek	MC_SW03	MC_SW03_180430		30/04/2018	<0.002	-	-	<0.005	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.008	<0.002	<0.002	<0.005	<0.005	<0.005	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0072	<0.002	<0.005	<0.002	<0.002	0.0152	0.0152	0.0152
Mary Creek	MC_SW10	MC_SW10_180328*		28/03/2018	<0.0005	-	-	<0.001	<0.0005	0.0344	<0.001	<0.001	0.0202	<0.0005	0.659	0.0027	<0.001	<0.001	<0.001	<0.001	<0.001	0.0232	0.0521	<0.002	<0.0005	<0.0005	0.0045	0.032	<0.0005	0.902	<0.0005	<0.0005	<0.0005	<0.0005	1.73	1.64	1.56
Mary Creek	MC_SW11	MC_SW11_180430		30/04/2018	0.0024	-	-	<0.005	<0.002	0.145	<0.002	<0.002	0.174	<0.002	4.23	0.0112	<0.002	<0.005	<0.005	<0.005	<0.002	0.135	0.385	<0.002	<0.002	<0.002	0.0448	0.176	<0.002	2.36	<0.002	<0.005	<0.002	<0.002	7.66	7.13	6.59
Unnamed Water Bodies	AST_SW01	AST_SW01_180514		14/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Unnamed Water Bodies	AST_SW02	AST_SW02_180514		14/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Unnamed Water Bodies	AST_SW02	AST_QC115_180514	AST_SW02_180514	14/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Unnamed Water Bodies	AST_SW03	AST_SW03_180514		14/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Unnamed Water Bodies	RAW_SW04	RAW_SW04_180514		14/05/2018	<0.02	-	-	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	<0.02	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.01	<0.02	<0.05	<0.02	<0.02	<0.01	<0.01	<0.01
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180517		17/05/2018	<0.0005	-	-	<0.001	<0.0005	<0.0005	<0.001	<0.001	<0.0005	<0.0005	0.0068	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	<0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0032	<0.0005	<0.0005	<0.0005	<0.0005	0.01	0.01	0.01

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
- = Not analysed
* - Sample was not taken after rain, but at high tide when the mouth of Marys Creek was open.

Table 2
Wet Weather Water Results - Ions, Metals and Nutrients

Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date	Inorganics: Total Dissolved Solids	Inorganics: Carbonate as CaCO3	Inorganics: Carbonate	Acidity & Alkalinity: Alkalinity (Carbonate as CaCO3)	Acidity & Alkalinity: Alkalinity (Bicarbonate as CaCO3)	Acidity & Alkalinity: Alkalinity (Hydroxide as CaCO3)	Acidity & Alkalinity: Alkalinity (total as CaCO3)
					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LOR					10	1	1	1	1	1	1
AEC A	A_MW03	A_MW03_180502		2/05/2018	328	-	<1	-	<1	<1	<1
AEC B	B_MW04	B_MW04_180502		2/05/2018	139	-	<1	-	<1	<1	<1
AEC B	B_SW01	B_SW01_180501		1/05/2018	175	-	<1	-	<1	<1	<1
AEC E	E_MW04	E_MW04_180503		3/05/2018	177	-	<1	-	11	<1	11
Bherwerre Barrier	BB_MW01	BB_MW01_180515		15/05/2018	363	<1	-	-	235	<1	235
Bherwerre Barrier	BB_MW02	BB_MW02_180516		16/05/2018	220	<1	-	-	113	<1	113
Bherwerre Barrier	BB_MW02	BB_QC116_180516	BB_MW02_180516	16/05/2018	-	<1	-	-	112	<1	112
Bherwerre Barrier	BB_MW02	BB_QC217_180516*	BB_MW02_180516	16/05/2018	200	-	-	<10	120	-	120
Bherwerre Barrier	BB_MW03	BB_MW03_180516		16/05/2018	-	-	-	-	-	-	-
Captains Lagoon	CL_MW01	CL_MW01_180503		3/05/2018	237	-	<1	-	18	<1	18
Captains Lagoon	CL_MW01	CL_QC114_180503	CL_MW01_180503	3/05/2018	222	-	<1	-	13	<1	13
Captains Lagoon	CL_MW02	CL_MW02_180502		2/05/2018	309	-	<1	-	94	<1	94
Captains Lagoon	CL_SW01	CL_SW01_180501		1/05/2018	5020	-	<1	-	27	<1	27
Captains Lagoon	CL_SW02	CL_SW02_180501		1/05/2018	4440	-	<1	-	25	<1	25
Captains Lagoon	CL_SW07	CL_QC221_180501*	CL_SW07_180501	1/05/2018	4000	-	-	<10	27	-	-
Captains Lagoon	CL_SW07	CL_SW07_180501		1/05/2018	4070	-	<1	-	27	<1	27
Captains Lagoon	CL_SW08	CL_SW08_180501		1/05/2018	159	-	<1	-	<1	<1	<1
Captains Lagoon	CL_SW09	CL_SW09_180430		30/04/2018	125	-	<1	-	2	<1	2
Captains Lagoon	CL_SW12	CL_SW12_180515		15/05/2018	51,500	<1	-	-	125	<1	125
Flatrock Creek	FC_MW01	FC_MW01_180503		3/05/2018	220	-	<1	-	37	<1	37
Flatrock Creek	FC_SW01	FC_SW01_180515		15/05/2018	44,000	<1	-	-	106	<1	106
Flatrock Creek	FC_SW01	FC_QC216_180515*	FC_SW01_180515	15/05/2018	-	-	-	-	-	-	-
Flatrock Creek	FC_SW02	FC_SW02_180515		15/05/2018	35,700	<1	-	-	109	<1	109
Flatrock Creek	FC_SW04	FC_SW04_180515		15/05/2018	24,400	<1	-	-	70	<1	70
Flatrock Creek	FC_SW05	FC_SW05_180430		30/04/2018	152	-	<1	-	<1	<1	<1
Flatrock Creek	FC_SW14	FC_SW14_180515		15/05/2018	46,800	<1	-	-	113	<1	113
HMAS Creswell	MW12	0020_MW012_180503		3/05/2018	201	-	<1	-	24	<1	24
Lake McKenzie	LM_MW01	LM_MW01_180503		3/05/2018	448	-	<1	-	<1	<1	<1
Lake McKenzie	LM_MW02	LM_MW02_180503		3/05/2018	352	-	<1	-	61	<1	61
Lake McKenzie	LM_SW01	LM_SW01_180514		14/05/2018	230	<1	-	-	7	<1	7
Lake McKenzie	LM_SW02	LM_SW02_180516		16/05/2018	208	<1	-	-	7	<1	7
Lake McKenzie	LM_SW03	LM_SW03_180514		14/05/2018	186	<1	-	-	4	<1	4
Lake Windermere	LW_MW01	LW_MW01_180515		15/05/2018	288	<1	-	-	72	<1	72
Lake Windermere	LW_SW01	LW_SW01_180514		14/05/2018	92	6	-	-	<1	<1	6
Lake Windermere	LW_SW02	LW_SW02_180516		16/05/2018	96	<1	-	-	3	<1	3
Lake Windermere	LW_SW02	LW_QC117_180516	LW_SW02_180516	16/05/2018	-	-	-	-	-	-	-
Lake Windermere	LW_SW03	LW_SW03_180514		14/05/2018	98	<1	-	-	1	<1	1
Mary Creek	MC_MW02	MC_MW02_180502		2/05/2018	35,000	-	<1	-	10	<1	10
Mary Creek	MC_MW04	MC_MW04_180502		2/05/2018	332	-	<1	-	3	<1	3
Mary Creek	MC_SW01	MC_SW01_180501		1/05/2018	430	-	<1	-	2	<1	2
Mary Creek	MC_SW02	MC_SW02_180430		30/04/2018	235	-	<1	-	<1	<1	<1
Mary Creek	MC_SW03	MC_SW03_180430		30/04/2018	309	-	<1	-	<1	<1	<1
Mary Creek	MC_SW10	MC_SW10_180328**		28/03/2018	9190	-	-	<1	88	<1	88
Mary Creek	MC_SW11	MC_SW11_180430		30/04/2018	206	-	<1	-	<1	<1	<1
Unnamed Water Bodies	AST_SW01	AST_SW01_180514		14/05/2018	133	<1	-	-	17	<1	17
Unnamed Water Bodies	AST_SW02	AST_SW02_180514		14/05/2018	153	<1	-	-	6	<1	6
Unnamed Water Bodies	AST_SW02	AST_QC115_180514	AST_SW02_180514	14/05/2018	134	<1	-	-	6	<1	6
Unnamed Water Bodies	AST_SW03	AST_SW03_180514		14/05/2018	128	<1	-	-	6	<1	6
Unnamed Water Bodies	RAW_SW04	RAW_SW04_180514		14/05/2018	121	<1	-	-	5	<1	5
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180517		17/05/2018	-	<1	-	-	61	<1	61

Field ID	Major Ions: Calcium	Major Ions: Calcium (Filtered)	Major Ions: Magnesium	Major Ions: Magnesium (Filtered)	Major Ions: Potassium	Major Ions: Potassium (Filtered)	Major Ions: Sodium	Major Ions: Sodium (Filtered)	Major Ions: Chloride	Major Ions: Sulfate (Filtered)	Major Ions: Cations Total	Major Ions: Anions Total	Major Ions: Ionic Balance	Nutrients: Ammonia as N	Nutrients: Nitrate (as N)	Nutrients: Sulphate as S
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	meq/L	meq/L	%	mg/L	mg/L	mg/L
LOR	0.5	1	0.5	1	0.5	1	0.5	1	1	1	0.01	0.01	0.01	0.01	0.02	5
A_MW03_180502	-	9	-	7	-	4	-	96	115	116	5.3	5.66	3.25	-	-	-
B_MW04_180502	-	<1	-	3	-	<1	-	30	58	6	1.55	1.76	-	-	-	-
B_SW01_180501	-	4	-	6	-	<1	-	38	71	18	2.35	2.38	-	-	-	-
E_MW04_180503	-	3	-	2	-	3	-	42	50	33	2.22	2.32	-	-	-	-
BB_MW01_180515	-	76	-	5	-	2	-	43	55	13	6.12	6.52	3.1	-	-	-
BB_MW02_180516	-	45	-	4	-	<1	-	20	39	14	3.44	3.65	2.88	-	-	-
BB_QC116_180516	-	42	-	3	-	<1	-	19	39	15	3.17	3.65	7.05	-	-	-
BB_QC217_180516*	51	-	4	-	0.7	-	19	-	40	-	-	-	-	<0.01	<0.02	<5
BB_MW03_180516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CL_MW01_180503	-	3	-	5	-	<1	-	42	77	11	2.39	2.76	-	-	-	-
CL_QC114_180503	-	3	-	6	-	<1	-	45	77	16	2.6	2.76	-	-	-	-
CL_MW02_180502	-	22	-	9	-	4	-	77	88	88	5.29	6.19	7.86	-	-	-
CL_SW01_180501	-	50	-	150	-	48	-	1280	2520	371	71.7	79.3	5.03	-	-	-
CL_SW02_180501	-	50	-	146	-	47	-	1260	2370	325	70.5	74.1	2.49	-	-	-
CL_QC221_180501*	45	-	140	-	42	-	1200	-	2300	-	-	-	-	0.02	<0.02	100
CL_SW07_180501	-	50	-	146	-	47	-	1280	2560	368	71.4	80.4	5.94	-	-	-
CL_SW08_180501	-	3	-	4	-	1	-	32	54	18	1.9	1.9	-	-	-	-
CL_SW09_180430	-	4	-	4	-	1	-	30	53	24	1.86	2.03	-	-	-	-
CL_SW12_180515	-	395	-	1230	-	380	-	10,400	19,700	2960	583	620	3.06	-	-	-
FC_MW01_180503	-	6	-	6	-	1	-	31	37	22	2.17	2.24	-	-	-	-
FC_SW01_180515	-	354	-	1170	-	352	-	9700	16,700	2510	545	525	1.81	-	-	-
FC_QC216_180515*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FC_SW02_180515	-	275	-	945	-	285	-	7770	13,800	2100	437	435	0.18	-	-	-
FC_SW04_180515	-	201	-	668	-	206	-	5570	11,000	1640	312	346	5.06	-	-	-
FC_SW05_180430	-	3	-	6	-	<1	-	31	50	18	1.99	1.78	-	-	-	-
FC_SW14_180515	-	360	-	1240	-	375	-	10,200	17,700	2690	573	558	1.39	-	-	-
0020_MW012_180503	-	8	-	4	-	<1	-	30	52	28	2.03	2.53	-	-	-	-
LM_MW01_180503	-	2	-	16	-	<1	-	140	284	43	7.51	8.91	8.53	-	-	-
LM_MW02_180503	-	5	-	3	-	5	-	67	65	31	3.54	3.7	2.2	-	-	-
LM_SW01_180514	-	2	-	5	-	3	-	45	88	9	2.54	2.81	-	-	-	-
LM_SW02_180516	-	2	-	4	-	2	-	50	90	10	2.66	2.89	-	-	-	-
LM_SW03_180514	-	3	-	6	-	2	-	51	121	16	2.91	3.83	13.6	-	-	-
LW_MW01_180515	-	10	-	3	-	2	-	62	60	36	3.49	3.88	5.24	-	-	-
LW_SW01_180514	-	<1	-	2	-	<1	-	21	42	7	1.08	1.45	-	-	-	-
LW_SW02_180516	-	<1	-	2	-	<1	-	26	43	9	1.3	1.46	-	-	-	-
LW_QC117_180516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LW_SW03_180514	-	<1	-	2	-	1	-	22	42	6	1.15	1.33	-	-	-	-
MC_MW02_180502	-	335	-	1000	-	296	-	8580	16,300	2920	480	521	4.1	-	-	-
MC_MW04_180502	-	2	-	8	-	2	-	62	122	14	3.51	3.79	3.93	-	-	-
MC_SW01_180501	-	7	-	13	-	3	-	98	199	36	5.76	6.4	5.3	-	-	-
MC_SW02_180430	-	5	-	7	-	1	-	42	70	31	2.68	2.62	-	-	-	-
MC_SW03_180430	-	4	-	8	-	2	-	66	140	13	3.78	4.22	5.5	-	-	-
MC_SW10_180328**	-	99	-	233	-	87	-	2120	4340	481	118	134	6.19	-	-	-
MC_SW11_180430	-	5	-	6	-	<1	-	37	63	22	2.35	2.24	-	-	-	-
AST_SW01_180514	-	2	-	2	-	<1	-	31	55	7	1.61	2.04	-	-	-	-
AST_SW02_180514	-	2	-	2	-	1	-	30	55	7	1.59	1.82	-	-	-	-
AST_QC115_180514	-	2	-	2	-	<1	-	31	55	7	1.61	1.82	-	-	-	-
AST_SW03_180514	-	2	-	2	-	<1	-	31	56	7	1.61	1.84	-	-	-	-
RAW_SW04_180514	-	2	-	2	-	<1	-	26	50	7	1.4	1.66	-	-	-	-
UN3_SW03_180517	-	6	-	8	-	10	-	110	220	11	6	7.65	12.1	-	-	-

Field ID	Metals: Arsenic	Metals: Arsenic (Filtered)	Metals: Cadmium	Metals: Cadmium (Filtered)	Metals: Chromium (III+VI)	Metals: Chromium (III+VI) (Filtered)	Metals: Copper	Metals: Copper (Filtered)	Metals: Lead	Metals: Lead (Filtered)	Metals: Mercury	Metals: Mercury (Filtered)	Metals: Nickel	Metals: Nickel (Filtered)	Metals: Zinc	Metals: Zinc (Filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LOR	0.001	0.001	0.0002	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001	0.0001	0.001	0.001	0.005	0.005
A_MW03_180502	-	<0.001	-	0.0002	-	<0.001	-	0.002	-	<0.001	-	<0.0001	-	0.004	-	0.028
B_MW04_180502	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
B_SW01_180501	-	<0.001	-	<0.0001	-	<0.001	-	0.093	-	<0.001	-	<0.0001	-	<0.001	-	0.015
E_MW04_180503	-	0.001	-	<0.0001	-	0.002	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
BB_MW01_180515	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
BB_MW02_180516	-	0.002	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
BB_QC116_180516	-	0.002	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
BB_QC217_180516*	0.005	-	<0.0002	-	0.003	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-
BB_MW03_180516	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
CL_MW01_180503	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	0.002	-	<0.005
CL_QC114_180503	-	<0.001	-	<0.0001	-	<0.001	-	0.003	-	<0.001	-	<0.0001	-	0.002	-	0.006
CL_MW02_180502	-	0.015	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	0.034	-	<0.005
CL_SW01_180501	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.009
CL_SW02_180501	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.041
CL_QC221_180501*	-	<0.001	-	<0.0002	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
CL_SW07_180501	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
CL_SW08_180501	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.005
CL_SW09_180430	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.008
CL_SW12_180515	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.01	-	<0.0001	-	<0.01	-	<0.05
FC_MW01_180503	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
FC_SW01_180515	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.01	-	<0.0001	-	<0.01	-	<0.05
FC_QC216_180515*	0.002	-	<0.0002	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005	-
FC_SW02_180515	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.01	-	<0.0001	-	<0.01	-	<0.05
FC_SW04_180515	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
FC_SW05_180430	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
FC_SW14_180515	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.01	-	<0.0001	-	<0.01	-	<0.05
0020_MW012_180503	-	0.002	-	<0.0001	-	0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
LM_MW01_180503	-	0.001	-	<0.0001	-	0.001	-	0.002	-	<0.001	-	<0.0001	-	0.002	-	0.009
LM_MW02_180503	-	0.006	-	<0.0001	-	0.002	-	0.008	-	<0.001	-	<0.0001	-	0.011	-	0.054
LM_SW01_180514	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
LM_SW02_180516	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
LM_SW03_180514	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
LW_MW01_180515	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	0.001	-	<0.005
LW_SW01_180514	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
LW_SW02_180516	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
LW_QC117_180516	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
LW_SW03_180514	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
MC_MW02_180502	-	<0.01	-	<0.001	-	<0.01	-	<0.01	-	<0.01	-	<0.0001	-	<0.01	-	<0.05
MC_MW04_180502	-	<0.001	-	<0.0001	-	<0.001	-	0.014	-	<0.001	-	<0.0001	-	0.001	-	<0.005
MC_SW01_180501	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.009
MC_SW02_180430	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.013
MC_SW03_180430	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
MC_SW10_180328**	-	0.003	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005
MC_SW11_180430	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.018
AST_SW01_180514	-	<0.001	-	<0.0001	-	<0.001	-	0.003	-	<0.001	-	<0.0001	-	<0.001	-	0.051
AST_SW02_180514	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.068
AST_QC115_180514	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	0.245
AST_SW03_180514	-	<0.001	-	<0.0001	-	<0.001	-	0.043	-	<0.001	-	<0.0001	-	0.002	-	0.055
RAW_SW04_180514	-	<0.001	-	<0.0001	-	<0.001	-	0.044	-	<0.001	-	<0.0001	-	<0.001	-	0.028
UN3_SW03_180517	-	<0.001	-	<0.0001	-	<0.001	-	<0.001	-	<0.001	-	<0.0001	-	<0.001	-	<0.005

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
LOR = Limit of Reporting
* = Additional analysis requested on 04/06/2018.
** - Sample was not taken after rain, but at high tide when the mouth of Marys Creek was open.
- = Not analysed

Table 3
Dry Weather Water Results - BTEXN, TRH, Phenols, Phthalates, PAHs, MAH, Herbicides, Dioxins, Furans and Explosives

| | | | | BTEXN | | | | | | | | TRH - NEPM 2013 | | | | | | | TRH - NEPM 1999 | | | | | PAHs | | | | | | | |

GHD

Table 3
Dry Weather Water Results - BTEXN, TRH, Phenols, Phthalates, PAHs, MAH, Herbicides, Dioxins, Furans and Explosives

				Phenols																					MAH					Herbicides	Dioxins & Furans	Explosives			
				3/4-Methylphenol (m/p-cresol)	2,3,4,6-Tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,4-dinitrophenol	2,6-dichlorophenol	2-chlorophenol	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-methylcholanthrene	4-chloro-3-methylphenol	4-nitrophenol	Acetophenone	Pentachlorophenol	Phenol	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	Styrene	Total MAH	Pronamide	Dibenzofuran	1,3,5-Trinitrobenzene	2,4-Dinitrotoluene	2,6-dinitrotoluene	Nitrobenzene
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR				4	10	2	2	2	2	30	2	2	2	2	2	2	2	30	2	4	2	5	5	5	5	3	2	2	2	4	4	2
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date																															
AEC A	A_MW03	A_MW03_180502		2/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
AEC B	B_MW04	B_MW04_180502		2/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
AEC B	B_SW01	B_SW01_180501		1/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
AEC E	E_MW04	E_MW04_180503		3/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Bherwerre Barrier	BB_MW01	BB_MW01_180515		15/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Bherwerre Barrier	BB_MW02	BB_MW02_180516		16/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Bherwerre Barrier	BB_MW02	BB_QC116_180516	BB_MW02_180516	16/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Bherwerre Barrier	BB_MW02	BB_QC217_180516	BB_MW02_180516	16/05/2018	<6	<10	<10	<10	<3	<3	<30	<3	<3	<5	<3	<10	<5	<10	<30	<5	<10	<3	<1	<1	<1	<1	<3	<5	<5	-	<5	<5	<50
Bherwerre Barrier	BB_MW03	BB_MW03_180516		16/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Captains Lagoon	CL_MW01	CL_MW01_180503		3/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_MW01	CL_QC114_180503	CL_MW01_180503	3/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_MW02	CL_MW02_180502		2/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Captains Lagoon	CL_SW01	CL_SW01_180501		1/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SW02	CL_SW02_180501		1/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Captains Lagoon	CL_SW07	CL_SW07_180501		1/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SW07	CL_QC221_180501	CL_SW07_180501	1/05/2018	<6	<10	<10	<10	<3	<3	<30	<3	<3	<5	<3	<10	<5	<10	<30	<5	<10	<3	<1	<1	<1	<1	<3	<5	<5	-	<5	<5	<50
Captains Lagoon	CL_SW08	CL_SW08_180501		1/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Captains Lagoon	CL_SW09	CL_SW09_180430		30/04/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Captains Lagoon	CL_SW12	CL_SW12_180515		15/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_MW01	FC_MW01_180503		3/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Flatrock Creek	FC_SW01	FC_SW01_180515		15/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_SW01	FC_QC216_180515	FC_SW01_180515	15/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_SW02	FC_SW02_180515		15/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_SW04	FC_SW04_180515		15/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_SW05	FC_SW05_180430		30/04/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Flatrock Creek	FC_SW05	FC_QC113_180430	FC_SW05_180430	30/04/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Flatrock Creek	FC_SW14	FC_SW14_180515		15/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMAS Creswell	MW12	0020_MW012_180503		3/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake McKenzie	LM_MW01	LM_MW01_180503		3/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake McKenzie	LM_MW02	LM_MW02_180503		3/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake McKenzie	LM_SW01	LM_SW01_180514		14/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake McKenzie	LM_SW02	LM_SW02_180516		16/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake McKenzie	LM_SW03	LM_SW03_180514		14/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake Windermere	LW_MW01	LW_MW01_180515		15/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake Windermere	LW_SW01	LW_SW01_180514		14/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake Windermere	LW_SW02	LW_SW02_180516		16/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake Windermere	LW_SW02	LW_QC117_180516	LW_SW02_180516	16/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Lake Windermere	LW_SW03	LW_SW03_180514		14/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_MW02	MC_MW02_180502		2/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_MW04	MC_MW04_180502		2/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW01	MC_SW01_180501		1/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW02	MC_SW02_180430		30/04/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW03	MC_SW03_180430		30/04/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW10	MC_SW10_180328*		28/03/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Mary Creek	MC_SW11	MC_SW11_180430		30/04/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	AST_SW01	AST_SW01_180514		14/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	AST_SW02	AST_SW02_180514		14/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	AST_SW02	AST_QC115_180514	AST_SW02_180514	14/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	AST_SW03	AST_SW03_180514		14/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	RAW_SW04	RAW_SW04_180514		14/05/2018	<4	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180517		17/05/2018	41	-	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	-	<2	<4	<2	<5	<5	<5	<5	-	<2	<2	<2	<4	<4	<2

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
- = Not analysed
LOR = Limit of Reporting
* - Sample was not taken after rain, but at high tide when the mouth of Marys Creek was open.

1009

Table 4
Wet Weather Water Results - VOCs, Nitroaromatics, Nitroamines and SVOCs

Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date	Nitrosoamines	Nitroaromatics			VOCs																															
					N-Nitrosodiphenyl & Diphenylamine	2-Picoline	4-aminobiphenyl	Pentachloronitrobenzene	1,1-dichloroethane	1,2,3-trichlorobenzene	1,2,3-trichloropropane	1,2-dibromoethane	1,3-dichlorobenzene	1,4-Dioxane	2-butanone (MEK)	2-hexanone (MBK)	4-methyl-2-pentanone (MIBK)	Acetone	Allyl chloride	Bromodichloromethane	Bromoform	Carbon disulfide	Chlorodibromomethane	Chloroethane	cis-1,3-dichloropropene	cis-1,4-Dichloro-2-butene	Dibromomethane	Iodomethane	n-butylbenzene	n-propylbenzene	Pentachloroethane	p-isopropyltoluene	sec-butylbenzene	TCE	tert-butylbenzene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	trans-1,4-Dichloro-2-butene	Trichlorofluoromethane	Vinyl acetate
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR					4	2	2	2	5	5	5	5	2	0.5	50	50	50	1	1	5	5	5	5	50	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	50	50
AEC A	A_MW03	A_MW03_180502		2/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
AEC B	B_MW04	B_MW04_180502		2/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
AEC B	B_SW01	B_SW01_180501		1/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
AEC E	E_MW04	E_MW04_180503		3/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Bherwerre Barrier	BB_MW01	BB_MW01_180515		15/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Bherwerre Barrier	BB_MW02	BB_MW02_180516		16/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Bherwerre Barrier	BB_MW02	BB_QC116_180516	BB_MW02_180516	16/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Bherwerre Barrier	BB_MW02	BB_QC217_180516	BB_MW02_180516	16/05/2018	-	<5	<5	<5	<1	<5	<1	<1	<1	-	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	-	-	-	-	-	<1	-	<1	<1	<1	-	<1	-
Bherwerre Barrier	BB_MW03	BB_MW03_180516		16/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Captains Lagoon	CL_MW01	CL_MW01_180503		3/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_MW01	CL_QC114_180503	CL_MW01_180503	3/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_MW02	CL_MW02_180502		2/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Captains Lagoon	CL_SW01	CL_SW01_180501		1/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SW02	CL_SW02_180501		1/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Captains Lagoon	CL_SW07	CL_SW07_180501		1/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SW07	CL_QC221_180501	CL_SW07_180501	1/05/2018	-	<5	<5	<5	<1	<5	<1	<1	<1	-	<1	-	<1	<5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	-	-	-	-	-	<1	-	<1	<1	<1	-	<1	-
Captains Lagoon	CL_SW08	CL_SW08_180501		1/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Captains Lagoon	CL_SW09	CL_SW09_180430		30/04/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Captains Lagoon	CL_SW12	CL_SW12_180515		15/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_MW01	FC_MW01_180503		3/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Flatrock Creek	FC_SW05	FC_SW05_180430		30/04/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Flatrock Creek	FC_SW05	FC_QC113_180430	FC_SW05_180430	30/04/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Lake McKenzie	LM_MW02	LM_MW02_180503		3/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Lake McKenzie	LM_SW01	LM_SW01_180514		14/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Lake McKenzie	LM_SW02	LM_SW02_180516		16/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Lake McKenzie	LM_SW03	LM_SW03_180514		14/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Lake Windermere	LW_MW01	LW_MW01_180515		15/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Lake Windermere	LW_SW01	LW_SW01_180514		14/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Lake Windermere	LW_SW02	LW_SW02_180516		16/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Lake Windermere	LW_SW02	LW_QC117_180516	LW_SW02_180516	16/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Lake Windermere	LW_SW03	LW_SW03_180514		14/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Mary Creek	MC_MW02	MC_MW02_180502		2/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Mary Creek	MC_MW04	MC_MW04_180502		2/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Mary Creek	MC_SW01	MC_SW01_180501		1/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Mary Creek	MC_SW02	MC_SW02_180430		30/04/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Mary Creek	MC_SW03	MC_SW03_180430		30/04/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Mary Creek	MC_SW10	MC_SW10_180328*		28/03/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Mary Creek	MC_SW11	MC_SW11_180430		30/04/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Unnamed Water Bodies	AST_SW01	AST_SW01_180514		14/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	41	<5	<5	18	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Unnamed Water Bodies	AST_SW02	AST_SW02_180514		14/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	48	<5	<5	20	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Unnamed Water Bodies	AST_SW02	AST_QC115_180514	AST_SW02_180514	14/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	49	<5	<5	21	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Unnamed Water Bodies	AST_SW03	AST_SW03_180514		14/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	53	<5	<5	23	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Unnamed Water Bodies	RAW_SW04	RAW_SW04_180514		14/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	-	<50	<50	<50	-	-	20	<5	<5	13	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180517		17/05/2018	<4	<2	<2	<2	<5	<5	<5	<5	<2	<0.5	<50	<50	<50	-	-	<5	<5	<5	<5	<50	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<50	<50

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
- = Not analysed
LOR = Limit of Reporting
* - Sample was not taken after rain, but at high tide when the mouth of Marys Creek was open.

Table 4
Wet Weather Water Results - VOCs, Nitroaromatics, Nitroamines and SVOCs

					SVOCs																																												
					1,2,3,4-tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-tetrachlorobenzene	1,3,5-Trichlorobenzene	1-Chloronaphthalene	1-naphthylamine	2-(acetylamino) fluorene	2-naphthylamine	2-nitroaniline	3,3-Dichlorobenzidine	3-nitroaniline	4-(dimethylamino) azobenzene	4,6-Dinitro-2-methylphenol	4-bromophenyl phenyl ether	4-chloroaniline	4-chlorophenyl phenyl ether	4-nitroaniline	4-Nitroquinoline-N-oxide	5-nitro-o-toluidine	7,12-dimethylbenz(a)anthracene	Aniline	Azobenzene	Benzyl chloride	bis(2-chloroethoxy) methane	bis(2-chloroethyl)ether	bis(2-chloroisopropyl) ether	Carbazole	Chlorobenzilate	Dibenz(a,j)acridine	Diphenylamine	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Isophorone	Methapyrilene	N-nitrosodiethylamine	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-Nitrosomethylethylamine	N-nitrosomorpholine	N-nitrosopiperidine	N-nitrosopyrrolidine	Pentachlorobenzene	Phenacetin	Trifluralin
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR					5	5	5	5	5	2	2	5	4	2	4	2	30	2	2	2	2	2	2	2	2	2	5	2	2	5	2	2	5	5	10	2	2	2	2	2	2	2	2	2	2	4	2	2	5
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date																																													
AEC A	A_MW03	A_MW03_180502		2/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
AEC B	B_MW04	B_MW04_180502		2/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
AEC B	B_SW01	B_SW01_180501		1/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
AEC E	E_MW04	E_MW04_180503		3/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Bherwerre Barrier	BB_MW01	BB_MW01_180515		15/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Bherwerre Barrier	BB_MW02	BB_MW02_180516		16/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Bherwerre Barrier	BB_MW02	BB_QC116_180516	BB_MW02_180516	16/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Bherwerre Barrier	BB_MW02	BB_QC217_180516	BB_MW02_180516	16/05/2018	<5	<5	<5	<5	<5	<5	-	<5	<5	<5	-	<5	<30	<5	-	<5	-	-	-	<5	<5	-	<5	<5	-	<5	-	-	<5	<5	<5	<5	-	-	-	-	<5	<5	-	-	<5	-	<5	-	<5
Bherwerre Barrier	BB_MW03	BB_MW03_180516		16/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Captains Lagoon	CL_MW01	CL_MW01_180503		3/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_MW01	CL_QC114_180503	CL_MW01_180503	3/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_MW02	CL_MW02_180502		2/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Captains Lagoon	CL_SW01	CL_SW01_180501		1/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SW02	CL_SW02_180501		1/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Captains Lagoon	CL_SW07	CL_SW07_180501		1/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SW07	CL_QC221_180501	CL_SW07_180501	1/05/2018	<5	<5	<5	<5	<5	<5	-	<5	<5	<5	-	<5	<30	<5	-	<5	-	-	-	<5	<5	-	<5	<5	-	<5	-	-	<5	<5	<5	<5	-	-	-	-	<5	<5	-	-	<5	-	<5	-	<5
Captains Lagoon	CL_SW08	CL_SW08_180501		1/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Captains Lagoon	CL_SW09	CL_SW09_180430		30/04/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Captains Lagoon	CL_SW12	CL_SW12_180515		15/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_MW01	FC_MW01_180503		3/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Flatrock Creek	FC_SW05	FC_SW05_180430		30/04/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Flatrock Creek	FC_SW05	FC_QC113_180430	FC_SW05_180430	30/04/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Lake McKenzie	LM_MW02	LM_MW02_180503		3/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Lake McKenzie	LM_SW01	LM_SW01_180514		14/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Lake McKenzie	LM_SW02	LM_SW02_180516		16/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Lake McKenzie	LM_SW03	LM_SW03_180514		14/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Lake Windermere	LW_MW01	LW_MW01_180515		15/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Lake Windermere	LW_SW01	LW_SW01_180514		14/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Lake Windermere	LW_SW02	LW_SW02_180516		16/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Lake Windermere	LW_SW02	LW_QC117_180516	LW_SW02_180516	16/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Lake Windermere	LW_SW03	LW_SW03_180514		14/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Mary Creek	MC_MW02	MC_MW02_180502		2/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Mary Creek	MC_MW04	MC_MW04_180502		2/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Mary Creek	MC_SW01	MC_SW01_180501		1/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Mary Creek	MC_SW02	MC_SW02_180430		30/04/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Mary Creek	MC_SW03	MC_SW03_180430		30/04/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Mary Creek	MC_SW10	MC_SW10_180328*		28/03/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Mary Creek	MC_SW11	MC_SW11_180430		30/04/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Unnamed Water Bodies	AST_SW01	AST_SW01_180514		14/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Unnamed Water Bodies	AST_SW02	AST_SW02_180514		14/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Unnamed Water Bodies	AST_SW02	AST_QC115_180514	AST_SW02_180514	14/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Unnamed Water Bodies	AST_SW03	AST_SW03_180514		14/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Unnamed Water Bodies	RAW_SW04	RAW_SW04_180514		14/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180517		17/05/2018	-	-	-	-	-	<2	<2	-	<4	<2	<4	<2	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	-	<2	<2	-	-	<10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2	<2	-

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
- = Not analysed
LOR = Limit of Reporting
* - Sample was not taken after rain, but at high tide when the mouth of Marys Creek was open.

1010

Table 5
Dry Weather Water Results - OCP, OPP, Halogenated Hydrocarbons, Chlorinated Hydrocarbons

				OC Pesticides																						OP Pesticides									
				4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	d-BHC	4,4 DDD	4,4 DDT	DDT+DDE+DDD - Lab Calc	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenthion	Malathion	Pirimphos-ethyl	Prothiofos
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR				2	2	2	4	2	2	2	4	4	2	2	2	2	2	5	5	2	2	2	4	5	2	2	2	2	2	2	2	2	2	2	2
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date																															
AEC A	A_MW03	A_MW03_180502		2/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
AEC B	B_MW04	B_MW04_180502		2/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
AEC B	B_SW01	B_SW01_180501		1/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
AEC E	E_MW04	E_MW04_180503		3/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bherwerre Barrier	BB_MW01	BB_MW01_180515		15/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bherwerre Barrier	BB_MW02	BB_MW02_180516		16/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bherwerre Barrier	BB_MW02	BB_QC116_180516	BB_MW02_180516	16/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bherwerre Barrier	BB_MW02	BB_QC217_180516	BB_MW02_180516	16/05/2018	<5	<5	<5	-	<5	<5	<5	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	-	-	-	-	-	-	-	-	-
Bherwerre Barrier	BB_MW03	BB_MW03_180516		16/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Captains Lagoon	CL_MW02	CL_MW02_180502		2/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Captains Lagoon	CL_SW02	CL_SW02_180501		1/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Captains Lagoon	CL_SW07	CL_QC221_180501	CL_SW07_180501	1/05/2018	<5	<5	<5	-	<5	<5	<5	<5	-	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SW08	CL_SW08_180501		1/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Captains Lagoon	CL_SW09	CL_SW09_180430		30/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Flatrock Creek	FC_MW01	FC_MW01_180503		3/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Flatrock Creek	FC_SW05	FC_SW05_180430		30/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Flatrock Creek	FC_SW05	FC_QC113_180430	FC_SW05_180430	30/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lake McKenzie	LM_MW02	LM_MW02_180503		3/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lake McKenzie	LM_SW01	LM_SW01_180514		14/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lake McKenzie	LM_SW02	LM_SW02_180516		16/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lake McKenzie	LM_SW03	LM_SW03_180514		14/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lake Windermere	LW_MW01	LW_MW01_180515		15/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lake Windermere	LW_SW01	LW_SW01_180514		14/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lake Windermere	LW_SW02	LW_SW02_180516		16/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lake Windermere	LW_SW02	LW_QC117_180516	LW_SW02_180516	16/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Lake Windermere	LW_SW03	LW_SW03_180514		14/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Mary Creek	MC_MW02	MC_MW02_180502		2/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Mary Creek	MC_MW04	MC_MW04_180502		2/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Mary Creek	MC_SW01	MC_SW01_180501		1/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Mary Creek	MC_SW02	MC_SW02_180430		30/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Mary Creek	MC_SW03	MC_SW03_180430		30/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Mary Creek	MC_SW10	MC_SW10_180328*		28/03/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Mary Creek	MC_SW11	MC_SW11_180430		30/04/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Unnamed Water Bodies	AST_SW01	AST_SW01_180514		14/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Unnamed Water Bodies	AST_SW02	AST_SW02_180514		14/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Unnamed Water Bodies	AST_SW02	AST_QC115_180514	AST_SW02_180514	14/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Unnamed Water Bodies	AST_SW03	AST_SW03_180514		14/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Unnamed Water Bodies	RAW_SW04	RAW_SW04_180514		14/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180517		17/05/2018	<2	<2	<2	<4	<2	<2	<2	<4	<4	<2	<2	<2	<2	<2	-	-	<2	<2	<2	<4	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
- = Not analysed
LOR = Limit of Reporting
* - Sample was not taken after rain, but at high tide when the mouth of Marys Creek was open.

GHD

Table 5
Dry Weather Water Results - OCP, OPP, Halogenated Hydrocarbons, Chlorinated Hydrocarbons

					Halogenated Hydrocarbons		Chlorinated Hydrocarbons																																			
					Bromomethane	Dichlorodifluoromethane	Chlorinated hydrocarbons EPAVic	Other chlorinated hydrocarbons (Total)	1,1,1,2-tetrachloroethane	1,1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,4-trichlorobenzene	1,2-dibromo-3-chloropropane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	1,4-dichlorobenzene	2,2-dichloropropane	2-chloronaphthalene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Bromochloromethane	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-dichloroethene	Dichloromethane	Hexachlorobutadiene	Vinyl chloride
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR					50	50	5	5	5	5	5	5	5	5	2	5	2	5	5	5	2	5	2	5	5	5	1	5	5	5	50	5	1	2	50
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date																																						
AEC A	A_MW03	A_MW03_180502		2/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
AEC B	B_MW04	B_MW04_180502		2/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
AEC B	B_SW01	B_SW01_180501		1/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
AEC E	E_MW04	E_MW04_180503		3/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Bherwerre Barrier	BB_MW01	BB_MW01_180515		15/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Bherwerre Barrier	BB_MW02	BB_MW02_180516		16/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Bherwerre Barrier	BB_MW02	BB_QC116_180516	BB_MW02_180516	16/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Bherwerre Barrier	BB_MW02	BB_QC217_180516	BB_MW02_180516	16/05/2018	<1	<1	<5	<5	<1	<1	<1	<1	<1	-	<5	-	<1	<1	<1	<1	<1	-	<5	-	<1	<1	<1	<1	<1	<5	<1	<1	<1	<5	<1
Bherwerre Barrier	BB_MW03	BB_MW03_180516		16/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	12	<50	<5	-	<2	<50
Captains Lagoon	CL_MW02	CL_MW02_180502		2/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Captains Lagoon	CL_SW02	CL_SW02_180501		1/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Captains Lagoon	CL_SW07	CL_QC221_180501	CL_SW07_180501	1/05/2018	<1	<1	<5	<5	<1	<1	<1	<1	<1	-	<5	-	<1	<1	<1	<1	<1	-	<5	-	<1	<1	<1	<1	<1	<5	<1	<1	<1	<5	<1
Captains Lagoon	CL_SW08	CL_SW08_180501		1/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Captains Lagoon	CL_SW09	CL_SW09_180430		30/04/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Flatrock Creek	FC_MW01	FC_MW01_180503		3/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Flatrock Creek	FC_SW05	FC_SW05_180430		30/04/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Flatrock Creek	FC_SW05	FC_QC113_180430	FC_SW05_180430	30/04/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake McKenzie	LM_MW02	LM_MW02_180503		3/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake McKenzie	LM_SW01	LM_SW01_180514		14/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake McKenzie	LM_SW02	LM_SW02_180516		16/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake McKenzie	LM_SW03	LM_SW03_180514		14/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake Windermere	LW_MW01	LW_MW01_180515		15/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake Windermere	LW_SW01	LW_SW01_180514		14/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake Windermere	LW_SW02	LW_SW02_180516		16/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake Windermere	LW_SW02	LW_QC117_180516	LW_SW02_180516	16/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Lake Windermere	LW_SW03	LW_SW03_180514		14/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_MW02	MC_MW02_180502		2/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_MW04	MC_MW04_180502		2/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW01	MC_SW01_180501		1/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW02	MC_SW02_180430		30/04/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW03	MC_SW03_180430		30/04/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW10	MC_SW10_180328*		28/03/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Mary Creek	MC_SW11	MC_SW11_180430		30/04/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50
Unnamed Water Bodies	AST_SW01	AST_SW01_180514		14/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	83	<50	<5	-	<2	<50
Unnamed Water Bodies	AST_SW02	AST_SW02_180514		14/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	106	<50	<5	-	<2	<50
Unnamed Water Bodies	AST_SW02	AST_QC115_180514	AST_SW02_180514	14/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	110	<50	<5	-	<2	<50
Unnamed Water Bodies	AST_SW03	AST_SW03_180514		14/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	98	<50	<5	-	<2	<50
Unnamed Water Bodies	RAW_SW04	RAW_SW04_180514		14/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	19	<50	<5	-	<2	<50
Unnamed Water Bodies	UN3_SW03	UN3_SW03_180517		17/05/2018	<50	<50	-	-	<5	<5	<5	<5	<5	<5	<2	<5	<2	<5	<5	<5	<2	<5	<2	<5	<5	<5	-	<5	<5	<5	<50	<5	-	<2	<50

Notes:
µg/L = micrograms per litre
mg/L = milligrams per litre
- = Not analysed
LOR = Limit of Reporting
* - Sample was not taken after rain, but at high tide when the mouth of Marys Creek was open.

GHD

Table 6
Wet Weather Soil Results - PFAS

Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date	PFAS																																	
					Perfluorodecanesulfonic acid (PFDS)	PFOS/PFHxS (Sum of Total) - Auto Calc	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	N-Methyl perfluorooctane sulfonamidoethanol	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	Perfluoroheptane sulfonic acid	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoropentanoic acid (PFPeA)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoethanol	N-Methyl perfluorooctane sulfonamide (MeFOSA)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	Perfluorooctanoic acid (PFOA)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctane sulfonamide (FOSA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER List)	Sum of PFHxS and PFOS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.0002		0.005	0.005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0002	0.0002	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002	0.0002	0.0002	0.0002	0.0002
Captains Lagoon	CL_SD01	CL_SD01_0.0_180501		1/05/2018	<0.0002	0.0018	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0018	<0.0002	<0.0005	<0.0002	<0.0002	0.0018	0.0018	0.0018
Captains Lagoon	CL_SD02	CL_SD02_0.0_180501		1/05/2018	<0.0002	0.0028	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	0.0004	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0024	<0.0002	<0.0005	<0.0002	<0.0002	0.0028	0.0028	0.0028
Captains Lagoon	CL_SD07	CL_SD07_0.0_180501		1/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Captains Lagoon	CL_SD07	CL_QC220_180501	CL_SD07_0.0_180501	1/05/2018	<0.005	0	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
Captains Lagoon	CL_SD08	CL_SD08_0.0_180501		1/05/2018	<0.0002	0.0023	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	0.0007	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0016	<0.0002	<0.0005	<0.0002	<0.0002	0.0023	0.0023	0.0023
Captains Lagoon	CL_SD12	CL_SD12_0.0_180515		15/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Flatrock Creek	FC_SD01	FC_SD01_0.0_180515		15/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Flatrock Creek	FC_SD01	FC_QC215_180515	FC_SD01_0.0_180515	15/05/2018	<0.005	0	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
Flatrock Creek	FC_SD01	FC_SD01_0.2_180515		15/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Flatrock Creek	FC_SD02	FC_SD02_0.0_180515		15/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Flatrock Creek	FC_SD04	FC_SD04_0.0_180515		15/05/2018	<0.0002	0.0017	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	0.0004	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0013	<0.0002	<0.0005	<0.0002	<0.0002	0.0017	0.0017	0.0017
Flatrock Creek	FC_SD04	FC_SD04_0.2_180515		15/05/2018	<0.0002	0.0017	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0012	<0.0002	<0.0005	<0.0002	<0.0002	0.0017	0.0017	0.0017
Flatrock Creek	FC_SD14	FC_SD14_0.0_180515		15/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Lake McKenzie	LM_SD01	LM_SD01_0.0_180514		14/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Lake McKenzie	LM_SD02	LM_SD02_0.0_180516		16/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Lake McKenzie	LM_SD03	LM_SD03_0.0_180514		14/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Lake Windermere	LW_SD01	LW_SD01_0.0_180514		14/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Lake Windermere	LW_SD02	LW_SD02_0.0_180516		16/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Lake Windermere	LW_SD02	LW_QC118_180516	LW_SD02_0.0_180516	16/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Lake Windermere	LW_SD03	LW_SD03_0.0_180514		14/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mary Creek	MC_SD01	MC_SD01_0.0_180501		1/05/2018	<0.0002	0.0016	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0011	<0.0002	<0.0005	<0.0002	<0.0002	0.0016	0.0016	0.0016
Mary Creek	MC_SD03	MC_SD03_0.0_180501		5/05/2018	<0.0002	0	-	-	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180517		17/05/2018	<0.0002	0.0011	-	-	<0.0006	<0.0002	<0.0002	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0006	<0.0006	<0.0006	<0.0006	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0011	<0.0002	<0.0006	<0.0002	<0.0002	0.0011	0.0011	0.0011

Notes:
mg/kg = milligrams per kilogram
LOR = Limit of Reporting
- = not analysed

Table 7
Wet Weather Soil Results - Inorganics, TOC and Metals

				Inorganics		TOC	Metals							
				Moisture Content (dried at 105°C)	Moisture Content (dried @ 103°C)	Total Organic Carbon	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc
LOR				%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				0.1	1	200	5	1	2	5	5	0.1	2	5
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date										
Captains Lagoon	CL_SD01	CL_SD01_0.0_180501		1/05/2018	19.8	-	300	<5	<1	<2	<5	<5	<0.1	<2	<5
Captains Lagoon	CL_SD02	CL_SD02_0.0_180501		1/05/2018	24.1	-	2100	<5	<1	<2	<5	<5	<0.1	<2	<5
Captains Lagoon	CL_SD07	CL_SD07_0.0_180501		1/05/2018	32.9	-	7500	<5	<1	<2	<5	<5	<0.1	<2	<5
Captains Lagoon	CL_SD07	CL_QC220_180501	CL_SD07_0.0_180501	1/05/2018	-	20	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5
Captains Lagoon	CL_SD08	CL_SD08_0.0_180501		1/05/2018	32	-	11,000	<5	<1	<2	<5	<5	<0.1	<2	<5
Captains Lagoon	CL_SD12	CL_SD12_0.0_180515		15/05/2018	21	-	200	<5	<1	<2	<5	<5	<0.1	<2	<5
Flatrock Creek	FC_SD01	FC_SD01_0.0_180515		15/05/2018	24.1	-	<200	<5	<1	<2	<5	<5	<0.1	<2	<5
Flatrock Creek	FC_SD01	FC_QC215_180515	FC_SD01_0.0_180515	15/05/2018	-	19	<1000	<2	<0.4	<5	<5	<5	<0.1	<5	<5
Flatrock Creek	FC_SD01	FC_SD01_0.2_180515		15/05/2018	28.4	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_SD02	FC_SD02_0.0_180515		15/05/2018	20.7	-	500	<5	<1	<2	<5	<5	<0.1	<2	<5
Flatrock Creek	FC_SD04	FC_SD04_0.0_180515		15/05/2018	37.2	-	10,100	<5	<1	2	<5	<5	<0.1	<2	5
Flatrock Creek	FC_SD14	FC_SD14_0.0_180515		15/05/2018	25	-	<200	<5	<1	<2	<5	<5	<0.1	<2	<5
Lake McKenzie	LM_SD01	LM_SD01_0.0_180514		14/05/2018	23.1	-	3000	<5	<1	<2	<5	<5	<0.1	<2	<5
Lake McKenzie	LM_SD02	LM_SD02_0.0_180516		16/05/2018	22.2	-	500	<5	<1	<2	<5	<5	<0.1	<2	<5
Lake McKenzie	LM_SD03	LM_SD03_0.0_180514		14/05/2018	24.6	-	1100	<5	<1	<2	<5	<5	<0.1	<2	<5
Lake Windermere	LW_SD01	LW_SD01_0.0_180514		14/05/2018	25.4	-	4100	<5	<1	<2	<5	<5	<0.1	<2	<5
Lake Windermere	LW_SD02	LW_SD02_0.0_180516		16/05/2018	19.2	-	2900	<5	<1	3	<5	<5	<0.1	<2	<5
Lake Windermere	LW_SD02	LW_QC118_180516	LW_SD02_0.0_180516	16/05/2018	18.3	-	1000	<5	<1	<2	<5	<5	<0.1	<2	<5
Lake Windermere	LW_SD03	LW_SD03_0.0_180514		14/05/2018	44.5	-	41,000	<5	<1	<2	<5	<5	<0.1	<2	<5
Mary Creek	MC_SD01	MC_SD01_0.0_180501		1/05/2018	25.3	-	300	<5	<1	<2	<5	<5	<0.1	<2	<5
Mary Creek	MC_SD03	MC_SD03_0.0_180501		5/05/2018	32.9	-	700	<5	<1	<2	<5	<5	<0.1	<2	<5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180517		17/05/2018	88.1	-	246,000	<5	<1	8	6	7	<0.1	3	38

Notes:
mg/kg = milligrams per kilogram
LOR = Limit of Reporting
- = not analysed

Table 8
Wet Weather Soil Results - BTEXN, TRH, Phenols, Phthalates, PAHs, MAH, Herdicides, Dioxins, Furans, Explosives

				BTEXN								TRH - NEPM 2013							TRH - NEPM 1999					Phenols																		MAH			
				Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene (BTEXN)	BTEX (Sum of Total) - Lab Calc	C6-C10 minus BTEX (F1)	C6-C10 Fraction	>C10-C16 minus Naphthalene (F2)	>C10-C16 Fraction	>C16-C34 Fraction (F3)	>C34-C40 Fraction (F4)	>C10-C40 (Sum of Total)	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 (Sum of Total)	3/4-Methylphenol (m/p-cresol)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,6-dichlorophenol	2-chlorophenol	2-methylnaphthalene	2-methylphenol	2-nitrophenol	3-methylcholanthrene	4-chloro-3-methylphenol	Acetophenone	Pentachlorophenol	Phenol	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	Styrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.2	10	10	50	50	100	100	50	10	50	100	100	50	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date																																									
Captains Lagoon	CL_SD01	CL_SD01_0.0_180501		1/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SD02	CL_SD02_0.0_180501		1/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SD07	CL_SD07_0.0_180501		1/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_QC220_180501	CL_SD07_0.0_180501		1/05/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SD08	CL_SD08_0.0_180501		1/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	16	16	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Captains Lagoon	CL_SD12	CL_SD12_0.0_180515		15/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Flatrock Creek	FC_SD01	FC_SD01_0.0_180515		15/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Flatrock Creek	FC_QC215_180515	FC_SD01_0.0_180515		15/05/2018	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	-	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flatrock Creek	FC_SD02	FC_SD02_0.0_180515		15/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Flatrock Creek	FC_SD04	FC_SD04_0.0_180515		15/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Flatrock Creek	FC_SD14	FC_SD14_0.0_180515		15/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Lake McKenzie	LM_SD01	LM_SD01_0.0_180514		14/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Lake McKenzie	LM_SD02	LM_SD02_0.0_180516		16/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Lake McKenzie	LM_SD03	LM_SD03_0.0_180514		14/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Lake Windermere	LW_SD01	LW_SD01_0.0_180514		14/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Lake Windermere	LW_SD02	LW_SD02_0.0_180516		16/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Lake Windermere	LW_SD02	LW_QC118_180516	LW_SD02_0.0_180516	16/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Lake Windermere	LW_SD03	LW_SD03_0.0_180514		14/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Mary Creek	MC_SD01	MC_SD01_0.0_180501		1/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Mary Creek	MC_SD03	MC_SD03_0.0_180501		5/05/2018	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180517		17/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<10	<10	<110	<110	1750	880	2630	<10	<110	1040	1170	2210	<3	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<3	<1.5	<0.5	<0.5	<0.5	<0.5

Notes:
mg/kg = milligrams per kilogram
LOR = Limit of Reporting
- = not analysed

Table 8
Wet Weather Soil Results - BTEXN, TRH, Phenols, Phthalates, PAHs, MAH, Herdicides, Dioxins, Furans, Explosives

					PAHs																								Herbicides	Dioxins & Furans	Explosives			
					Pyrene	Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a) pyrene	Benzo[b+j]fluoranthene	Benzo(b+j+k)fluoranthene	Benzo(k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Naphthalene-PAH	Phenanthrene	PAHs (Sum of total) - Lab calc	Total 8 PAHs (as BaP TEQ)(zero LOR) - Lab Calc	Total 8 PAHs (as BaP TEQ)(half LOR) - Lab Calc	Total 8 PAHs (as BaP TEQ)(full LOR) - Lab Calc	Pronamide	Dibenzofuran	1,3,5-Trinitrobenzene	2,4-Dinitrotoluene	2,6-dinitrotoluene	Nitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	1	0.5
Monitoring Zone	Location Code	Field ID	Sample Comments	Sample Date																														
Captains Lagoon	CL_SD01	CL_SD01_0.0_180501		1/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-
Captains Lagoon	CL_SD02	CL_SD02_0.0_180501		1/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-
Captains Lagoon	CL_SD07	CL_SD07_0.0_180501		1/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-
Captains Lagoon	CL_SD07	CL_QC220_180501	CL_SD07_0.0_180501	1/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-
Captains Lagoon	CL_SD08	CL_SD08_0.0_180501		1/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-
Captains Lagoon	CL_SD12	CL_SD12_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Flatrock Creek	FC_SD01	FC_SD01_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Flatrock Creek	FC_SD01	FC_QC215_180515	FC_SD01_0.0_180515	15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	-	-	-	-	-
Flatrock Creek	FC_SD02	FC_SD02_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Flatrock Creek	FC_SD04	FC_SD04_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Flatrock Creek	FC_SD14	FC_SD14_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Lake McKenzie	LM_SD01	LM_SD01_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Lake McKenzie	LM_SD02	LM_SD02_0.0_180516		16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Lake McKenzie	LM_SD03	LM_SD03_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Lake Windermere	LW_SD01	LW_SD01_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Lake Windermere	LW_SD02	LW_SD02_0.0_180516		16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Lake Windermere	LW_SD02	LW_QC118_180516	LW_SD02_0.0_180516	16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Lake Windermere	LW_SD03	LW_SD03_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD01	MC_SD01_0.0_180501		1/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Mary Creek	MC_SD03	MC_SD03_0.0_180501		5/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	0.6	1.2	<0.5	<0.5	<0.5	<1	<1	<0.5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180517		17/05/2018	<2	<2	<2	<2	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	<1	-	<2	<1	<1	<1	1.2	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5

Notes:
mg/kg = milligrams per kilogram
LOR = Limit of Reporting
- = not analysed

GHD

Table 9
Wet Weather Soil Results - VOCs, SVOCs

Monitoring Zone	Location Code	Field ID	SampleComments	Sample Date	VOCs															
					1,1-dichloroethane	1,2,3-trichlorobenzene	1,2,3-trichloropropane	1,2-dibromoethane	1,3-dichlorobenzene	1,4-Dioxane	2-butanone (MEK)	2-hexanone (MBK)	4-methyl-2-pentanone (MIBK)	Bromodichloromethane	Bromoform	Carbon disulfide	Chlorodibromomethane	Chloroethane	cis-1,3-dichloropropene	cis-1,4-Dichloro-2-butene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.05	5	5	5	0.5	0.5	0.5	0.5	5	0.5	0.5
Captains Lagoon	CL_SD12	CL_SD12_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Flatrock Creek	FC_SD01	FC_SD01_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Flatrock Creek	FC_SD02	FC_SD02_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Flatrock Creek	FC_SD04	FC_SD04_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Flatrock Creek	FC_SD14	FC_SD14_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Lake McKenzie	LM_SD01	LM_SD01_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Lake McKenzie	LM_SD02	LM_SD02_0.0_180516		16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Lake McKenzie	LM_SD03	LM_SD03_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Lake Windermere	LW_SD01	LW_SD01_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Lake Windermere	LW_SD02	LW_SD02_0.0_180516		16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Lake Windermere	LW_SD02	LW_QC118_180516	LW_SD02_0.0_180516	16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Lake Windermere	LW_SD03	LW_SD03_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Mary Creek	MC_SD01	MC_SD01_0.0_180501		1/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Mary Creek	MC_SD03	MC_SD03_0.0_180501		5/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180517		17/05/2018	<0.5	<0.5	<0.5	<0.5	<1.5	<0.05	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5

Field ID	VOCs															Nitrosoamines	Nitroaromatics		
	Dibromomethane	Iodomethane	n-butylbenzene	n-propylbenzene	Pentachloroethane	p-isopropyltoluene	sec-butylbenzene	TCE	tert-butylbenzene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	trans-1,4-Dichloro-2-butene	Trichlorofluoromethane	Vinyl acetate	N-Nitrosodiphenyl & Diphenylamine	2-Picoline	4-aminobiphenyl	Pentachloronitrobenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	1	0.5	0.5	0.5
CL_SD12_0.0_180515	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
FC_SD01_0.0_180515	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
FC_SD02_0.0_180515	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
FC_SD04_0.0_180515	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
FC_SD14_0.0_180515	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
LM_SD01_0.0_180514	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
LM_SD02_0.0_180516	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
LM_SD03_0.0_180514	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
LW_SD01_0.0_180514	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
LW_SD02_0.0_180516	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
LW_QC118_180516	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
LW_SD03_0.0_180514	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
MC_SD01_0.0_180501	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
MC_SD03_0.0_180501	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<1	<0.5	<0.5	<0.5
UN3_SD03_0.0_180517	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<3	<1.5	<1.5	<1.5

Notes:
mg/kg = milligrams per kilogram
LOR = Limit of Reporting
- = not analysed

Table 9
Wet Weather Soil Results - VOCs, SVOCs

Monitoring Zone	Location Code	Field ID	SampleComments	Sample Date	SVOCs 1-naphthylamine	2-(acetylamino) fluorene	2-nitroaniline	3,3-Dichlorobenzidine	3-nitroaniline	4-(dimethylamino) azobenzene	4-bromophenyl phenyl ether	4-chloroaniline	4-chlorophenyl phenyl ether	4-nitroaniline	4-Nitroquinoline-N-oxide	5-nitro-o-toluidine	7,12-dimethylbenz(a)anthracene	Aniline	Azobenzene	Bis(2-chloroethoxy) methane	Bis(2-chloroethyl)ether	Carbazole	Chlorobenzilate	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Isophorone	Methapyrilene	N-nitrosodiethylamine	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-Nitrosomethylethylamine	N-nitrosomorpholine	N-nitrosopiperidine	N-nitrosopyrrolidine	Pentachlorobenzene	Phenacetin
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	1	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5
Captains Lagoon	CL_SD12	CL_SD12_0.0_180515		15/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Flatrock Creek	FC_SD01	FC_SD01_0.0_180515		15/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Flatrock Creek	FC_SD02	FC_SD02_0.0_180515		15/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Flatrock Creek	FC_SD04	FC_SD04_0.0_180515		15/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Flatrock Creek	FC_SD14	FC_SD14_0.0_180515		15/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Lake McKenzie	LM_SD01	LM_SD01_0.0_180514		14/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Lake McKenzie	LM_SD02	LM_SD02_0.0_180516		16/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Lake McKenzie	LM_SD03	LM_SD03_0.0_180514		14/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Lake Windermere	LW_SD01	LW_SD01_0.0_180514		14/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Lake Windermere	LW_SD02	LW_SD02_0.0_180516		16/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Lake Windermere	LW_SD02	LW_QC118_180516	LW_SD02_0.0_180516	16/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Lake Windermere	LW_SD03	LW_SD03_0.0_180514		14/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Mary Creek	MC_SD01	MC_SD01_0.0_180501		1/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Mary Creek	MC_SD03	MC_SD03_0.0_180501		5/05/2018	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180517		17/05/2018	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<2	<1.5	<1.5	<1.5	<1.5	<2.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5

Notes:
mg/kg = milligrams per kilogram
LOR = Limit of Reporting
- = not analysed

1018

GHD

Table 10
Wet Weather Soil Results - OCP, OPP, Halogenated Hydrocarbons, Chlorinated Hydrocarbons

				OC Pesticides																OP Pesticides												Halogenated Hydrocarbons	
				4,4-DDE	a-BHC	Aldrin	b-BHC	d-BHC	4,4 DDD	4,4 DDT	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenthion	Malathion	Pirimphos-ethyl	Prothiofos	Bromomethane	Dichlorodifluoromethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5
Monitoring Zone	**Location Code**	**Field ID**	**Sample Comments**	**Sample Date**																													
Captains Lagoon	CL_SD12	CL_SD12_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Flatrock Creek	FC_SD01	FC_SD01_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Flatrock Creek	FC_SD02	FC_SD02_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Flatrock Creek	FC_SD04	FC_SD04_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Flatrock Creek	FC_SD14	FC_SD14_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Lake McKenzie	LM_SD01	LM_SD01_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Lake McKenzie	LM_SD02	LM_SD02_0.0_180516		16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Lake McKenzie	LM_SD03	LM_SD03_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Lake Windermere	LW_SD01	LW_SD01_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Lake Windermere	LW_SD02	LW_SD02_0.0_180516		16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Lake Windermere	LW_SD02	LW_QC118_180516	LW_SD02_0.0_180516	16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Lake Windermere	LW_SD03	LW_SD03_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD01	MC_SD01_0.0_180501		1/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Mary Creek	MC_SD03	MC_SD03_0.0_180501		5/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180517		17/05/2018	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<5	<5

Notes:
mg/kg = milligrams per kilogram
LOR = Limit of Reporting
- = not analysed

Table 10
Wet Weather Soil Results - OCP, OPP, Halogenated Hydrocarbons, Chlorinated Hydrocarbons

					Chlorinated Hydrocarbons																											
					1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethene	1,1-dichloropropene	1,2,4-trichlorobenzene	1,2-dibromo-3-chloropropane	1,2-dichlorobenzene	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	1,4-dichlorobenzene	2,2-dichloropropane	2-chloronaphthalene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Carbon tetrachloride	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-dichloroethene	Hexachlorobutadiene	Vinyl chloride
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	5
Monitoring Zone	**Location Code**	**Field ID**	**Sample Comments**	**Sample Date**																											
Captains Lagoon	CL_SD12	CL_SD12_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Flatrock Creek	FC_SD01	FC_SD01_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Flatrock Creek	FC_SD02	FC_SD02_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Flatrock Creek	FC_SD04	FC_SD04_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Flatrock Creek	FC_SD14	FC_SD14_0.0_180515		15/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Lake McKenzie	LM_SD01	LM_SD01_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Lake McKenzie	LM_SD02	LM_SD02_0.0_180516		16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Lake McKenzie	LM_SD03	LM_SD03_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Lake Windermere	LW_SD01	LW_SD01_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Lake Windermere	LW_SD02	LW_SD02_0.0_180516		16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Lake Windermere	LW_SD02	LW_QC118_180516	LW_SD02_0.0_180516	16/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Lake Windermere	LW_SD03	LW_SD03_0.0_180514		14/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Mary Creek	MC_SD01	MC_SD01_0.0_180501		1/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Mary Creek	MC_SD03	MC_SD03_0.0_180501		5/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180517		17/05/2018	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5	<0.5	<1.5	<0.5	<0.5	<0.5	<1.5	<0.5	<1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<1.5	<5

Notes:
mg/kg = milligrams per kilogram
LOR = Limit of Reporting
- = not analysed

Table 11
Wet Weather Pore Water Results - PFAS

				PFAS																																				
				Perfluorodecanesulfonic acid (PFDS)	PFOS/PFHxS (Sum of Total) - Auto Calc	N-Methyl perfluorooctane sulfonamidoethanol	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	Perfluoroheptane sulfonic acid	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoropentanoic acid (PFPeA)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoethanol	N-Methyl perfluorooctane sulfonamide (MeFOSA)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	Perfluorooctanoic acid (PFOA)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorobutanoic acid (PFBA)	Perfluorodecanoic acid (PFDA)	Perfluorodecane sulfonic acid ammonium salt	Perfluorododecanoic acid (PFDoDA)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	Perfluorononanoic acid (PFNA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctane sulfonamide (FOSA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnDA)	PFAS (Sum of Total)	PFAS (Sum of Total)(WA DER list)	Sum of PFHxS and PFOS
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR				0.02		0.05	0.02	0.02	0.05	0.05	0.02	0.02	0.02	0.02	0.05	0.05	0.05	0.05	0.05	0.01	0.02	0.1	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.05	0.02	0.02	0.01	0.01	0.01
Monitoring Zone	**Location Code**	**Field ID**	**Sample Date**																																					
Captains Lagoon	CL_SD01	CL_SD01_0.0_180501	1/05/2018	-	1.02	<0.05	<0.02	<0.02	<0.05	<0.05	0.02	<0.02	0.24	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	0.03	<0.1	<0.02	<0.02	<0.02	0.04	0.16	0.02	0.78	<0.02	<0.05	<0.02	<0.02	1.44	1.39	1.02
Captains Lagoon	CL_SD07	CL_SD07_0.0_180501	1/05/2018	-	0.19	<0.05	<0.02	<0.02	<0.05	<0.05	<0.02	<0.02	0.15	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.02	<0.1	<0.02	<0.02	<0.02	<0.02	0.03	<0.02	0.04	<0.02	<0.05	<0.02	<0.02	0.22	0.22	0.19
Flatrock Creek	FC_SD01	FC_SD01_0.0_180515	15/05/2018	<0.05	0.14	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05	<0.05	<0.05	<0.2	<0.05	-	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.12	<0.05	<0.05	0.14	0.14	0.14
Flatrock Creek	FC_SD02	FC_SD02_0.0_180515	15/05/2018	<0.05	0	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05	<0.05	<0.05	<0.2	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05
Mary Creek	MC_SD01	MC_SD01_0.0_180501	1/05/2018	-	1.88	<0.05	<0.02	0.03	<0.05	<0.05	0.09	<0.02	1.58	<0.02	<0.05	<0.05	<0.05	<0.05	<0.05	0.04	0.15	<0.1	<0.02	<0.02	<0.02	0.03	0.12	<0.02	0.3	<0.02	<0.05	<0.02	<0.02	2.34	2.16	1.88
Unnamed Water Bodies	UN3_SD03	UN3_SD03_0.0_180517	17/05/2018	<0.05	0	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.12	<0.12	<0.05	<0.05	<0.05	<0.2	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.12	<0.05	<0.05	<0.05	<0.05	<0.05

Notes:
µg/L = micrograms per litre
LOR = Limit of Reporting
- = Not analysed

White, Sarah-Jane (Health)

From: [redacted]
Sent: Friday, 8 June 2018 6:09 AM
To: Hudson, Lyndell (Health)
Subject: FW: Request for biota consumption information - Wreck Bay Community [SEC=UNCLASSIFIED]

Hi Lyndell,

I have forwarded your email of 5/6/18 (below) to Mr [redacted] from GHD who is working with Defence on this contamination matter.

His email address is:- [redacted]@ghd.com

Kind Regards,

[redacted]
Wreck Bay Aboriginal Community Council

From: [redacted]
Sent: Tuesday, 5 June 2018 1:43 PM
To: [redacted]
Subject: FW: Request for biota consumption information - Wreck Bay Community [SEC=UNCLASSIFIED]

Hi Team,

Please see below an email I received from Health ACT Government regarding some studies relating to the PFAS/Environmental investigation.

Can either of you please respond.

Kind regards,

[redacted]

Wreck Bay Aboriginal Community Council
[redacted]

PRIVATE AND CONFIDENTIAL : This electronic mail may contain legally privileged or confidential information which is intended for the use of the addressee only. If you receive this mail in error, please delete it from your system immediately and notify us at either the above e-mail address or on (02) 44 421 029

You must not disclose, copy or rely on any part of this correspondence if you are not the intended recipient.

From: Hudson, Lyndell (Health) [mailto:Lyndell.Hudson@act.gov.au]
Sent: Tuesday, 5 June 2018 1:27 PM
To: [redacted] <g[redacted]rg[redacted]@[redacted]
Subject: Request for biota consumption information - Wreck Bay Community [SEC=UNCLASSIFIED]

Hello [redacted]

Thank you for speaking with me today and for offering to pass on my email.

As discussed biota samples have been collected within Wreck Bay as part of the PFAS investigation. To accurately calculate dietary advice, additional information is needed regarding the consumption of sampled species by the local Wreck Bay community.

Would it be possible for advice to be provided regarding if the samples species are regularly consumed, parts of the organism that are eaten and where the species are usually caught?

The main aquatic organisms within the sample include:

A) Fish (Bream, Mullet, Whitebait, Leatherjacket, Bonito, Flathead)
B) Crustacea (Shrimp, Yabby)
C) Bivalves (oysters)
D) Gastropods (mud whelk and abalone)
E) Echinoderm (sea urchin)
F) Polychaetes (marine worms)
G) Aquatic plants (Macrophyte, Kelp, Ribbonweed, Neptunes Necklace)

Can you please provide as much information as possible on (regarding the samples species above):

Fish

- What part of the fish is typically eaten (the whole fish or only fillets)?
- How much fish is typically eaten per serve?
- What percentage of fish is consumed as part of the community's diet?
- Where is fish mainly sources/caught (are they caught in the bay)?

Crustacea, bivalves, gastropods, echinoderms, polychaetes

- What percentage of the diets consists of these species?
- Where are these species usually caught?
- Are shrimp, urchins, oysters and abalone sourced from the bay?

Aquatic Plants

- Are aquatic plants eaten and used as a food source?
- If aquatic plants are eaten, what type and percentage is consumed as part of the community's diet?

Terrestrial organisms captured in the sampling include Fox and Rabbit

- Are these mammals eaten as part of the community's diet?
    - If so, what portions are eaten?
    - What percentage of the diet consists of these mammals?

Any information that can be provided would greatly assist in being able to provide dietary advice and progress with the investigation.

Please email or call if you have any questions.

Regards,

Lyndell Hudson | Senior Manager Environment and Radiation Safety
Health Protection Service | health.act.gov.au
Phone (02) 6205 0956 | Mobile [redacted]

This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.

Stedman, Andrew (Health)

From: [redacted]
Sent: Wednesday, 13 June 2018 4:44 PM
To: [redacted]; Clapham, David; Chester, Heath; [redacted]; Stedman, Andrew (Health); [redacted] Hudson, Lyndell (Health); [redacted]
Subject: JBRF PFAS Investigation PCG meeting 14 Minutes
Attachments: JBRF-PGC Meeting Minutes 14 - May 2018.pdf; JBRF PCG_MEETING 15_AGENDA.pdf

Dear PCG,

Please see attached meeting minutes from PCG meeting 14 May 2018 and agenda for JBRF PCG meeting 15, next Tuesday 19 June 2018, with details below.

Join WebEx meeting
Meeting number: [redacted]

Join by phone
Call-in toll-free number: [redacted] (Australia)
Call-in number: [redacted] Australia)
Show global numbers
Participant Pin Code: [redacted]

Regards,

[redacted]

GHD
[redacted]
Level 2, 37 Graham Street (PO Box 621) Nowra NSW 2541 Australia | http://www.ghd.com/
Water | Energy & Resources | Environment | Property & Buildings | Transportation

CONFIDENTIALITY NOTICE: This email, including any attachments, is confidential and may be privileged. If you are not the intended recipient please notify the sender immediately, and please delete it; you should not copy it or use it for any purpose or disclose its contents to any other person. GHD and its affiliates reserve the right to monitor and modify all email communications through their networks.

Australian Government
Department of Defence
Estate and Infrastructure Group

PFAS Environmental Investigation – Jervis Bay Range Facility
PROJECT CONTROL GROUP MEETING #14

Administrative Details	
Date	Tuesday 15 May 2018
Time	14:00 – 14:50 hrs
Venue	Teleconference
Dial-in Details	Toll ----- Toll-free ----- 6 Participant PIN:
Chair	, Defence Project Manager
Minutes	Taken by

ATTENDEES	
Defence	
	Project Manager PFAS Branch
	Project Manager PFAS Branch
	Executive Officer HMAS Creswell
Lead Contractor (LC), GHD	
	Service Line Leader – LC Project Director
	Principal Environmental Consultant
	Principal – Stakeholder Engagement
	Stakeholder Engagement
	Project Manager
Site Auditor (SA), AECOM	
( )	Environment Defence appointed peer review
Agencies	
Sashini Salgado (SS)	Act Government
	NSW Health
	NSW Health
)	NSW EPA
( )	Senior Environmental Officer NSW EPA PFAS unit
( )	Operations Manager JBTA
	Dept of Infrastructure and Regional Development
)	ACT Construction, Environment and Workplace

Welcome and Conduct of PCG Meetings
[redacted] Defence PFAS -Welcomed attendees to the JBRF PFAS Investigation meeting.
Investigation Progress Detailed Site Investigation

1. [redacted] (GHD) provided an overview of investigation progress.

- Site investigation is largely completed as detailed in the SAQP both on and off-site, with GHD currently in the process of finalising the investigation sampling loose ends, including wet weather sampling. Wet weather events in the area have been limited therefore GHD are focusing sampling to achieve good spatial coverage, with 30-40% of water sample locations covered so far over two rain events.
- Additional lab analysis has been scheduled, based on the outcomes of primary samples that have been received to date.
- Emphasis on the large amount of results data that has not been received from the laboratories at this time, with a complete data set expected to be received mid-June. GHD are working with a limited data set approximately 50% therefore no absolute determinations can be made at this point until all data is received and verified.

2. [redacted]) (GHD) provided an overview of investigation results received so far.

- Southern Tributaries
  - Mary Creek
    - Sediment - some low level PFAS detections
    - Surface water – elevated PFAS levels between 0.7 - 10 µg/l
    - Biota - elevated levels in PFAS in most terrestrial and aquatic species.
  - Summercloud Creek
    - no PFAS detects in sediment
    - Surface water – low levels between 0.01 – 0.07 µg/l
    - Biota – some fish with minor PFAS levels detected
    - Assume a hydraulic connection exists between JBRF source areas and Summercloud.
  - Blacks Waterhole minor detects in surface water up to 0.07 µg/l, no biota sampling results.
  - Ryans Swamp – minor detections in surface water.
  - Berrewerri Barrier to the west, minor detections in ground water.
- Northern Tributaries
  - Captains Lagoon
    - Surface water – elevated PFAS levels up to 0.7 µg/l
    - Biota - elevated levels in PFAS in most aquatic species including fish, crustacean and other species.
  - Flat Rock Creek
    - Similar concentrations to Captains Lagoon
    - Surface water – low levels between 0.1 – 0.07 µg/l
    - Biota - PFAS detections in most terrestrial and aquatic species.
  - Telegraph Creek low detects in surface water, no biota sampled in this area.
- Marine areas – Jervis Bay and Wreck Bay
  - No detects in marine waters beyond immediate mixing zone
  - No verified results received indicating PFAS detects in any marine biota.
- Vegetable samples taken from Wreck Bay, Village road and the school properties with no results received at this time.
- Resampling of some of these areas will be carried out as part of the wet weather sampling program.