

Question on Notice
No. 1886
Asked on Thursday, 27 November 2008

QUESTION:

MR GIBSON asked the Minister for Sustainability, Climate Change and Innovation (Mr McNamara) –

Will he provide a list of all Environmental Protection Agency water monitoring points (locations) along the Fitzroy and Isaac rivers and their collated data since 1 January 2008?

ANSWER:

The Environmental Protection Agency (EPA) has established an independent study to assess the status of Fitzroy River system water quality in relation to the potential impact of mine water discharged from the Ensham Resources coal mine on environmental values: human health (drinking water); irrigation and stock watering; and aquatic ecosystem health.

The EPA is monitoring the river system and providing the information on the web site for the public to access (www.epa.qld.gov.au). Analysis of the data from the Fitzroy River System Ensham Resources Mine discharge, gathered during the first field trip conducted between 28 and 30 October, is available from the EPA web site. Two subsequent fieldtrips have occurred and the EPA is awaiting laboratory results. When the data have been quality assured and analysed they will be presented on the EPA web site.

The information from the EPA monitoring has been assessed against the Australian and New Zealand Environment and Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand (ANZECC/ARMCANZ) guidelines for agricultural uses (for irrigation and stock watering) and the ANZECC/ARMCANZ Water Quality guidelines and the Queensland Water Quality Guidelines for aquatic ecosystems (for aquatic ecosystem health).

The human health component of the monitoring program will be prepared by Queensland Health and will compare treated drinking water to the 2004 Australian Drinking Water Guidelines.

I urge anyone interested in the water quality of the Fitzroy River System to examine the information provided on the EPA web site.

A list of all the EPA water monitoring locations for the Fitzroy River System is provided at Appendix 1.

Data for nutrients and physical/chemical parameters collated for all sites from 1 January 2008 is provided at Appendix 2 Parts 1 and 2. Laboratory analysis of EPA water samples is provided by Queensland Health Analytical Laboratories. The data for the first fieldtrip conducted between 28 and 30 October are provided at Appendix 3.

Appendix 1- EPA Monitoring Sites in the Fitzroy River System

NB. The distance measurement refers to the distance upstream from the weir wall in river systems or distance from the mouth of the river in the estuarine systems.

Monitoring Sites	River
Riley's Crossing	MacKenzie River
Bedford Weir 44km	MacKenzie River
Bedford Weir 22km	MacKenzie River
Bingegang Weir 0.2km	MacKenzie River
Bedford Weir 0.2km	MacKenzie River
Bingegang Weir 5.3km	MacKenzie River
Tartrus Weir 18km	Isaac River
Tartrus Weir 0.2km	MacKenzie River
Coolmaringa	MacKenzie River
Riverslea	Fitzroy River
Eden Bann Weir 28.5km	Fitzroy River
Eden Bann Weir 17km	Fitzroy River
Eden Bann Weir 0.2km	Fitzroy River
Fitzroy River Barrage 56km	Fitzroy River
Fitzroy River Barrage 31.5km	Fitzroy River
Fitzroy River Barrage 0.2km	Fitzroy River
Fitzroy river 2.5km from mouth	Estuary
Fitzroy river 10.0 km from mouth	Estuary
Fitzroy river 15.0 km from mouth	Estuary
Fitzroy river 20.0 km from mouth	Estuary
Fitzroy river 28.1 km from mouth	Estuary
Fitzroy river 33.8 km from mouth	Estuary
Fitzroy river 39.6 km from mouth	Estuary
Fitzroy river 45.2 km from mouth	Estuary
Fitzroy river 50.2 km from mouth	Estuary
Fitzroy river 52.6 km from mouth	Estuary
Fitzroy river 55.1 km from mouth	Estuary
Fitzroy river 57.3 km from mouth	Estuary
Fitzroy river 59.6 km from mouth	Estuary

Question on Notice No. 1886 - Appendix 2 - Part 1 - Water monitoring data collected since January 2008 for all sites

All available data from water quality monitoring for the Fitzroy River System since 2008.

Note: This dataset description is metadata (data about data), which describes the actual dataset in accordance with the ANZLIC (Australia New Zealand Land Information Council) Core Metadata [Guidelines](#) Version 2.

Dataset citation

Title: All available depth data from water quality monitoring for the Fitzroy River System since 2008 by the Queensland Environmental Protection Agency and available in the Queensland Waterways Database.

ANZLIC Identifier: This data is a subset of ANZQL0032000135

Custodian

Custodian: Queensland Environmental Protection Agency

Jurisdiction: Queensland

Description

Abstract:

All available depth data from water quality monitoring for the Fitzroy River System since 2008 by QEPA, shows point location and other non-locational information collected by the Queensland Environmental Protection Agency and is a subset of the Queensland Waterways Database. Attribute information includes:

- **LOCATION_ID_BSA** QEPA water quality monitoring location ID and may also be known as **MonitoringLocation**
- **LOCATION** QEPA location ID
- **LOCATION_NAME** QEPA water quality monitoring location name or site description and may also be known as **MonitoringLocationDescriptionText**
- **LATITUDE_GDA94** the Latitude or the geographic coordinate line as an angle from the equator for the QEPA site's north-south location in decimal degrees to the horizontal Datum GDA 1994 (Geocentric Datum of Australia 1994) and may also be known as **LatitudeMeasure**
- **LONGITUDE_GDA94** the Longitude or the geographic coordinate line intersecting both the North and South poles for the QEPA site's east-west location in decimal degrees to the horizontal Datum GDA 1994 (Geocentric Datum of Australia 1994) and may also be known as **LongitudeMeasure**
- **SURVEY_DATE** is in Australian Eastern Standard Time EST (without any Summer time changes) and is Coordinated Universal Time (UTC) or GMT is Greenwich Mean Time (GMT) or Zulu.Time PLUS ten hours
- **Depth below water surface (m)**

- Chlorophyll-a (ug/L)** Chlorophyll a is a pigment found in all photosynthetic organisms. It is an essential molecule for the process of photosynthesis (the conversion of light energy to chemical energy resulting in the consumption of carbon dioxide and the production of oxygen). In surface waters, chl a is present in all phytoplankton such as cyanobacteria, diatoms and dinoflagellates. Because Chlorophyll a occurs in all phytoplankton it is commonly used as a measure of phytoplankton biomass. Phytoplankton is collected in the field by filtering a known volume of water through a Whatman 1µm glass microfibre filter paper. The sample is filtered through the paper under suction, with care taken to ensure that the pressure does not exceed half atmospheric pressure. Too much suction can disrupt the chloroplasts within the phytoplankton cells, potentially degrading the chlorophyll. The amount of water filtered is subject to the level of turbidity at the sampling site. The greater the particulate matter in the water column, the less water can be filtered. Water is filtered until the flow through the filter paper at half atmospheric pressure is reduced to a trickle. The paper is then removed and blotted dry to remove excess moisture. The filter paper is placed into a 15mL graduated screw cap polypropylene tube. Each tube contains 0.01g magnesium carbonate which acts as a buffer during the extraction process. During collection and storage, exposure of the samples to light is avoided. Samples are immediately wrapped in aluminium foil after filtering and placed on ice in a dark, insulated container to lower the sample temperature and prevent chlorophyll degradation. In the laboratory the samples are placed into a freezer for storage before analysis. Chlorophyll a extraction procedures have been developed in accordance with the Standard Methods for the Examination of Water and Wastewater (APHA, 1998). 1) All tubes are inspected for weaknesses that may allow liquid to leak. 6mL of 90% acetone is added to each sample. Samples are placed in a freezer for 10 to 15 minutes to lower the temperature of the acetone. 2) Samples are removed and macerated using a mechanical tissue grinder at approximately 2000 RPM for 20 seconds. Grinding the sample disrupts the cells containing chlorophyll and allows the complete extraction of the pigment. The sample is kept cold during maceration by a chilled water bath below 5 0C. 3) 90% acetone is then added to the sample tube to reach a volume of 10mL. 4) Samples are placed back into a freezer for 12 to 24 hours before analysis to allow for full extraction of chlorophyll. During the analysis, to prevent sediment affecting the analysis, each sample is centrifuged for 5 minutes at 3900rpm. This ensures that all sediment is concentrated at the base of the tube and allows the supernatant to be decanted from the tube with a relatively low risk of sediment transfer. After centrifugation, the supernatant is transferred into a thoroughly clean glass cuvette. The absorbance of the extract is measured at a wavelength of 663nm, followed by the absorbance at 750nm. This accounts for any absorbance at 663nm that is due to turbidity. Chlorophyll a concentration is then calculated according to the equation stated in the Standard Methods and reported in µg/L.
- Conductivity at 25 deg C (mS/cm)** - field or *in situ* measured specific conductance corrected to 25 deg C (mS/cm) Currently this field or *in situ* specific conductance is measured with a YSI 6920 conductivity sensor which forms part of a handheld multi probe sonde connected to a data recorder. The sensor comprises four pure nickel electrodes for the measurement of solution conductance. Two of the electrodes are current driven, and two are used to measure the voltage drop. The measured voltage drop is then converted into a specific conductance value in milli-Siemens per cm (mS/cm) corrected to 25 deg C Precision and reporting limit values for the current EHMP

	High conductivity	Low conductivity
N	6	6
Mean	54.2	1.6

Std.dev	0.055	0.014
r	0.199	0.0493
Reporting limit		0.14 mS/cm

- **Light penetration (Secchi depth) (metres)** - an observed measurement (m) Light penetration (Secchi depth) is measured with a Secchi disc. A 300mm diameter weighted plastic disc, divided into black and white quarters, is lowered into the water column by non-stretch cord until the black and white disc can no longer be seen. This depth is recorded from marks at regular intervals on the cord (D1). The disc is then raised until it can just be seen again. This depth is also recorded (D2) and is averaged (1/2 (D1+D2)) to return the Secchi Depth.
- **Oxygen (dissolved) (mg/L)**
- **Oxygen per cent saturation (%)** field or *in situ* measured Dissolved Oxygen (% saturation) Currently this field or *in situ* dissolved oxygen is measured with a YSI 6920 DO sensor which forms part of a handheld multi probe sonde attached to a data recorder. The sensor comprises of a membrane covered Clark-type probe. The probe measures the current associated with the reduction of oxygen as it diffuses across a Teflon membrane that is proportional to the partial pressure of oxygen in the sample. Dissolved oxygen is measured as a concentration in mg/L and recalculated using temperature to return percentage saturation (%).

Precision and reporting limit values for the current EHMP

	High dissolved oxygen (% sat)	Low dissolved oxygen (% sat)
N	5	5
Mean	111%	1.6%
Std.dev	1.91	0.288
r	6.94	1.0473
Reporting limit		2 % sat

- **pH (Unit)** – Currently this field or *in situ* pH is measured with a YSI 6920 pH sensor which forms part of a handheld multi probe sonde attached to a data recorder. The sensor consists of a field replaceable pH electrode for the determination of hydrogen ion concentration. The probe is a combination electrode consisting of a proton selective glass reservoir filled with buffer at approximately pH 7 and an electrode that utilises gelled electrolyte. Protons (H⁺ ions) on both sides of the glass set up a potential gradient across the glass membrane. This potential difference is proportional to the pH of the media.

Precision and reporting limit values for the current EHMP

	High pH	Neutral pH	Low pH
N	5	6	6
Mean	8.3	7.4	2.15
Std.dev	0.041	0.031	0.019
r	0.1486	0.106	0.0672
Reporting limit		0.2	

- **Pheopigments (ug/L)**
- **Salinity (g/L)** Salinity is a measure of the total concentration of inorganic ions, usually mineral salts, in the water column. Clean oceanic water has a salinity of around 36 parts per thousand. Salinity is measured indirectly with a YSI 6920 conductivity sensor which forms part of a handheld multi probe sonde connected to a data recorder. The sensor comprises four pure nickel electrodes for the measurement of solution conductance. Two of the electrodes are current driven, and two are used to measure the voltage drop. The measured voltage drop is then converted into a conductance value in milli-Siemens per cm (mS/cm). The conductivity of a waterbody is highly dependent on temperature, varying as much as 3% for each change of one degree Celcius. To calculate salinity from conductivity, the sonde's software automatically compensates for temperature readings according to algorithms found in the Standard Methods for the Examination of Water and Wastewater (APHA, 1998).
- **Temperature (deg C)** - field or *in situ* measured water temperature (degrees C) Currently this field or *in situ* water temperature is measured with a YSI 6920 temperature sensor which forms part of a handheld multi probe sonde connected to a data recorder. The sensor comprises a thermistor of sintered metallic oxide that changes in resistance with temperature variation. The algorithm for conversion of

resistance to temperature is built into the sonde's software, and accurate temperature readings in degrees Celsius are produced.

Precision and reporting limit for temperature values for the current EHMP

	Ambient temp (⁰C)
N	6
Mean	20.7
Std.dev	0.04
r	0.1
Reporting limit	0.4 (⁰C)

- **Turbidity (NTU)** - Turbidity recorded historically with the units of NTU in the QEPA's Queensland Waterways Database can be grouped under three distinct measurement techniques. Turbidity prior to 1989 was recorded for a laboratory sample. Turbidity after 1989 and up to 2002, was recorded from direct *in situ* measurements using a range of backscatter or 180degree turbidity probes using infrared light and an example would be the YSI 3800 meter data logger using a Grant YSI 3815 Sonde containing a McVan Instruments model YSI157 infrared backscatter or 180degree turbidity probe calibrated to the manufacturer's instructions. Turbidity from 1998 and up TO DATE, was recorded from direct *in situ* measurements using a range of 90degree turbidity probes using infrared light and an example would be the YSI 650 meter data logger connected to a YSI 6600 Sonde containing a YSI model 6026 probe measuring at 90degree using infrared radiation with a wavelength of 860nm +/- 30nm calibrated to the manufacturer's instructions. Currently this field or *in situ* Turbidity is measured with a YSI 6920 turbidity sensor which forms part of a handheld, portable multiparameter sonde connected to a data recorder. The turbidity sensor consists of an LED, near infrared light source for illuminating the sample and a photodiode to detect the intensity of light scattered by suspended particles in the water column. The wavelength of light used is between 830nm and 890nm as specified by the International Standards Organization (ISO). The photodiode detects scattered light at 900 from the light source in accordance with ISO standards. The output from the sonde's turbidity sensor is processed by the sonde's software and is recorded in Nephelometric Turbidity Units (NTUs).

Precision and reporting limit values for the current EHMP

	High turbidity	Low turbidity
N	6	6
Mean	272	1.9
Std.dev	2.483	0.214
r	8.59	0.74
Reporting limit		2 ntu

ANZLIC search words:

- HUMAN ENVIRONMENT Livability Monitoring
- MARINE Estuaries Monitoring
- POLLUTION Water
- WATER Quality
- WATER Quality Surveys
- WATER Quality Research
- WATER Quality Networks
- WATER Quality Monitoring
- WATER Quality Indicators
- WATER Surface Monitoring

Geographic bounding box:

North bounding latitude: -22.7°
South bounding latitude: -23.6°
East bounding longitude: 150.9°
West bounding longitude: 148.4°

Data currency

Beginning date: 2008-01-24

Ending date: 2008-12-04

Dataset status

Progress: Complete

Maintenance and update frequency: As needed

Access

Stored data format:

DIGITAL: Oracle

Available format type:

DIGITAL: MS Excel Spreadsheet (.xls)

DIGITAL: Comma separated variable text file (.csv)

DIGITAL: dBase format (.dbf)

Access constraints:

The data are subject to the Queensland Environmental Protection Agency's single use data licence as follows:

SINGLE USE DATA LICENCE:

By accessing the attached file, then you acknowledge that these are raw data that will need interpretation and agree to the Environmental Protection Agency single use data licence requirements to not pass the raw data set to any third party and to fully acknowledge the data source in any use such as reports, presentations or scientific papers.

Data quality

Lineage:

The current QEPA data are derived from fieldwork conducted by staff of the Freshwater and Marine Sciences Unit within the Queensland Environmental Protection Agency for SEQ as part of the Estuarine and Marine component of the Moreton Bay Ecosystem Health Monitoring Program (EHMP), in Central Queensland as part of the Central Queensland Ambient Program and in the Fitzroy River System for an independent research project on the status of the Fitzroy River water quality. EHMP is an ongoing ambient monitoring program established in 1999 by the Moreton Bay Waterways and Catchments Partnership (the Partnership) as a recommendation of the task Design and Implementation of Baseline Monitoring (DIBM) with the role of independently assessing the management actions undertaken within the South East Queensland Regional Water Quality Management Strategy (SEQRWQMS) which was initiated in 1993 as the Brisbane River and Moreton Bay Wastewater Management Study (BR&MBWMS) and consistent with the National Water Quality Management Strategy (NWQMS). The NWQMS is jointly administered by the Agriculture and Resource Management Council of Australia and New Zealand (ARMCANZ) and the Australian and New Zealand Environment and Conservation Council (ANZECC). The National Health and Medical Research Council (NHMRC) is involved on health matters. The NWQMS recognises that on-going management and protection of water resources is essential for the continuing viability of most sections of our society. The NWQMS is based on the principles of the National Strategy for Ecologically Sustainable Development.

The EHMP sites in SEQ generally follow on from the Queensland Statewide Ambient Water Quality Monitoring Program sites designed, approved and funded by the Queensland Environmental Protection Agency and underway from 1992.

The core EHMP was functioning from February 2000 with the second phase or expansion of EHMP from October 2002.

Field maps for the water quality monitoring program were used as guides to digitise each water quality monitoring location. Attributes such as date, time, depth below the water surface, pH, specific conductance, dissolved oxygen, turbidity and temperature are both recorded manually by the field staff and captured by data logger. A range of internal quality assurance procedures cover sample collection, sample preservation, sample storage through to laboratory analysis with electronic transmission of laboratory results to the Queensland Waterways Database with manual validation checks of the data. The majority of laboratory analyses are conducted by the Queensland Health Scientific Services, with the laboratory analysis of chlorophyll-a being conducted in-house.

Positional accuracy:

200metres (note: At many locations water quality monitoring is conducted from a drifting boat.)

Attribute accuracy:

Data validated according to internal quality assurance procedures at the time of collection. Where the attribute result is below the lower reporting limit, then the result is expressed as less than the lower reporting limit.

Precision defines the agreement between or among independent measurements of the same parameter at the same location.

Accuracy is the degree of agreement of a measurement with a known or true value. It applies primarily to chemical measurements.

Staff of the Freshwater and Marine Sciences Unit within the Queensland Environmental Protection Agency as part of the Estuarine and Marine component of the Moreton Bay Ecosystem Health Monitoring Program (EHMP) report the following attribute precision and reporting limit values for their current water quality monitoring program:

	pH			Conductivity at 25 deg C		Temperature	Turbidity		Oxygen per cent saturation (%)	
	High (@9)	Med (@7)	Low (@2)	High (@54.00)	Low (@1.0)		High (300)	Low (2)	High (100%)	Low (1%)
Precision	0.2	0.2	0.2	0.27	0.05	Room	0.15	2	5 units	2 units
Reporting Limit		0.2			0.05	0.2		1		2

Logical Consistency:

Field water quality sampling and monitoring locations are generally midstream for enclosed waterways or as close to midstream as practical when monitoring from one side of the waterway. Data validated according to internal quality assurance procedures. The monitoring program is designed to be conducted each month under a consistent tidal condition described as a half tide and falling, however, practical conditions may cause a variation from the designed program time.

Light penetration (Secchi depth) (metres) is measured vertically and hence this depth measurement will have a value that will be either less than the water column depth or where the bottom may be clearly visible, will have a value expressed as greater than the measured water column depth.

In Queensland, **Temperature (deg C)** would normally be expected to be greater than zero.

The normal monthly program involves all measurements and samples occurring within a few minutes and not on another day, such as the next day.

LATITUDE_GDA94 the approximate site latitude in decimal degrees to the horizontal datum GDA94 and having negative values at these Queensland Australia sites

LONGITUDE_GDA94 the approximate site longitude in decimal degrees to the horizontal datum GDA94 and having positive values at these Queensland Australia sites
GDA94 stands for Geocentric Datum of Australia 1994 (GDA94), which has the Geographical coordinate set (latitude and longitude) and is referenced to IERS Terrestrial Reference Frame 1992 (ITRF92) and which is recommended by the International Association of Geodesy and for all practical purposes is equivalent to the WGS84 system used by GPS defined as having Epoch of 1994.0, Ellipsoid of GRS80 (which is the ellipsoid recommended by the International Association of Geodesy and is effectively identical to WGS84 ellipsoid), Semi-major axis (a) of 6,378,137.0 metres and an Inverse flattening (1/f) of 298.257222101

Completeness:

Completeness is checked through systematic comparison against relevant source material such as the monitoring survey program design. The monthly sampling program is rarely cancelled, however, adverse weather or unavailability of field officers may result in the loss of a complete set of results for a month. Failure of individual equipment items such as meters, probes, boat motors or sample storage such as refrigeration are rare, however may lead to the loss of results. Generally backup arrangements are available, however some data loss does occur against the planned monitoring program design.

Contact information

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FitzroyRiverSystemProgramContactPerson: Dr Neil Tripodi

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Metadata information

Metadata date: 2008-12-10

Additional metadata

Size of dataset:

280kbytes depending on the format.

Scale/resolution:

200metres

Projection/datum

Geographical coordinates using the Geocentric Datum of Australia 1994 (GDA94)

Further references

ENVIRONMENTAL PROTECTION ACT, 1994

<http://www.legislation.qld.gov.au/LEGISLTN/CURRENT/E/EnvProtA94.pdf?>

Environmental Protection Regulation 1998

<http://www.legislation.qld.gov.au/LEGISLTN/CURRENT/E/EnvProtR98.pdf>

Environmental Protection (Water) Policy 1997

<http://www.legislation.qld.gov.au/LEGISLTN/SLS/1997/97SL136.pdf>

Regulatory Impact Statement for SL 1997 No. 136

http://www.legislation.qld.gov.au/LEGISLTN/SLS/RIS_EN/1997/97SL136R.pdf

Queensland water quality guidelines

http://www.epa.qld.gov.au/environmental_management/water/queensland_water_quality_guidelines/

<http://www.epa.qld.gov.au/register/p01414aa.pdf>

The National Water Quality Management Strategy (NWQMS) and Guidelines

<http://www.deh.gov.au/water/quality/nwqms/index.html>

<http://www.environment.gov.au/water/publications/quality/index.html>

[http://www.mincos.gov.au/publications/australian and new zealand guidelines for fresh and marine water quality](http://www.mincos.gov.au/publications/australian_and_new_zealand_guidelines_for_fresh_and_marine_water_quality)

http://www.mincos.gov.au/data/assets/pdf_file/0014/316130/wqg-ch7.pdf

[http://www.mincos.gov.au/publications/australian and new zealand guidelines for fresh and marine water quality/volume 2](http://www.mincos.gov.au/publications/australian_and_new_zealand_guidelines_for_fresh_and_marine_water_quality/volume_2)

http://www.mincos.gov.au/data/assets/pdf_file/0013/316120/anzwqg_intro.pdf

[http://www.mincos.gov.au/publications/australian guidelines for water quality monitoring and reporting](http://www.mincos.gov.au/publications/australian_guidelines_for_water_quality_monitoring_and_reporting)

QEPA's monthly field sampling and monitoring program

http://www.epa.qld.gov.au/environmental_management/water/water_quality_monitoring/publications/

http://www.epa.qld.gov.au/environmental_management/water/water_quality_monitoring

http://www.epa.qld.gov.au/environmental_management/water/water_quality_monitoring/assessing_water_quality/

http://www.epa.qld.gov.au/environmental_management/water/water_quality_monitoring/assessing_water_quality/water_quality_indicators/

http://www.epa.qld.gov.au/about_the_epa/legislation/environmental_protection/

http://www.epa.qld.gov.au/environmental_management/planning_and_guidelines/environmental_legislation/

http://www.austlii.edu.au/au/legis/qld/consol_act/epa1994295/

EHMP's monthly field sampling and monitoring program

<http://www.ehmp.org/>

http://www.ehmp.org/FileLibrary/p13_waterquality.pdf

http://www.ehmp.org/products_and_publications.html

http://www.ehmp.org/annual_technical_reports.html

http://www.ehmp.org/estuarinemarine_monitoring.html

http://www.ehmp.org/estuarinemarine_background.html

http://www.ehmp.org/estuarinemarine_methods_and_indicators.html

http://www.ehmp.org/FileLibrary/p13_waterquality.pdf

http://www.ehmp.org/estuarinemarine_report_card_calculation.html

http://www.healthywaterways.org/filelibrary/4_reportcardmethods.pdf

Water Quality Online

<http://www.wqonline.info/>

Water Quality Guidelines Online

<http://www.ozh2o.com/main.html>

OzCoast

<http://www.ozcoasts.org.au/>

Citizen Science Toolbox

<https://www3.secure.griffith.edu.au/03/toolbox/>

Remote Sensing Toolkit

<http://www.gpa.uq.edu.au/CRSSIS/tools/rstoolkit/>

QPHSS's laboratory analysis of submitted samples

<http://www.health.qld.gov.au/qhcss/qhss/>

Question on Notice No. 1886 - Appendix 2 - Part 2

LOCATION_ID_BSA	LOCATION_NAME	LATITUDE_GDA94	LONGITUDE_GDA94	SURVEY_DATE	DEPTH_m	Chlorophyll-a (ug/L)	Conductivity at 25 deg C (mS/cm)	Light penetration (Secchi depth) (metres)	Nitrogen (ammonia) as N (mg/L)	Nitrogen (organic) as N (mg/L)	Nitrogen (oxidised) as N (mg/L)	Nitrogen (total) as N (mg/L)	Oxygen (dissolved) (mg/L)	Oxygen percent saturation (%)	pH (Unit)	Phaeopigments (ug/L)	Phosphorus (dissolved reactive) as P (mg/L)	Phosphorus (total) as P (mg/L)	Salinity (g/L)	Solids (Suspended) (mg/L)	Temperature (deg C)	Turbidity (NTU)
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	24/01/2008	0.2	2.0										5.0				780		
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	19/02/2008	0.2	20.9	1.61	0.1					5.1	63.0	7.12	17.7			0.827		25.55	392
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	19/02/2008	2.0		7.27						5.0	61.9	7.04				4.00		25.48	438
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	19/02/2008	4.0		35.4						5.5	76.5	7.82				22.3		25.42	52
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	19/02/2008	6.0		38.0						5.4	75.2	7.83				24.1		25.43	86
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	18/03/2008	0.2	3.7	32.9	0.05					6.7	91.5	7.92	2.5			20.5		25.15	267
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	18/03/2008	2.0		33.7						6.7	91.1	7.93				21.2		25.17	421
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	18/03/2008	4.0		36.2						6.6	90.4	7.94				22.9		24.8	737
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	18/03/2008	6.0		35.0						5.3	72.4	7.6				22.0		24.83	117
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/04/2008	0.2	1.9	43.0	0.35					7.0	96.9	7.76	1.8			27.7		23.36	86
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/04/2008	2.0		43.4						7.0	96.3	7.77				28.0		23.22	111
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/04/2008	4.0		43.6						7.0	95.9	7.78				28.1		23.21	136
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/04/2008	6.0		43.9						7.0	95.9	7.79				28.3		23.22	173
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	1/07/2008	0.2	1.5	52.4	0.35					7.2	96.5	8.21	2.2			34.5		19.52	43
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	1/07/2008	2.0		52.5						7.2	96.9	8.22				34.6		19.5	60
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	1/07/2008	4.0		52.6						7.3	97.1	8.22				34.6		19.49	86

1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	29/07/2008	0.2	1.7	48.8	0.15					7.6	96.1	7.91	2.6			31.9	17.42	246
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	29/07/2008	2.0		48.7						7.6	96.7	7.93				31.8	17.43	238
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	29/07/2008	4.0		48.7						7.7	96.8	7.93				31.8	17.43	236
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	29/07/2008	6.0		48.7						7.7	97.0	7.94				31.8	17.43	233
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	29/07/2008	8.0		48.6						7.7	97.1	7.94				31.8	17.43	230
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	3/09/2008	0.2	2.1	50.3	0.15					7.5	101.8	7.72	3.7			33.0	20.62	188
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	3/09/2008	2.0		50.3						7.5	101.9	7.72				32.9	20.64	195
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	3/09/2008	4.0		50.3						7.5	101.8	7.73				32.9	20.62	201
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	3/09/2008	6.0		50.3						7.5	101.6	7.73				32.9	20.62	198
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	3/09/2008	8.0		50.2						7.5	101.4	7.73				32.9	20.61	201
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/09/2008	0.2	3.1	52.1	0.12					7.8	111.8	7.62	0.6			34.3	23.31	118
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/09/2008	2.0		52.4						7.6	109.1	7.65				34.5	23.25	116
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/09/2008	4.0		52.4						7.6	108.7	7.66				34.5	23.25	115
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/09/2008	6.0		52.4						7.6	108.6	7.67				34.5	23.23	115
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/10/2008	0.2	2.3	53.2	0.25					6.7	97.2	7.8	0.7			35.1	24.2	71
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/10/2008	2.0		53.2						6.6	96.8	7.8				35.1	24.19	75
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/10/2008	4.0		53.1						6.6	96.5	7.8				35.1	24.1	76
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/10/2008	6.0		53.1						6.6	96.2	7.8				35.0	24.04	80

	MOUTH																					
1300001000250	FITZROY RIVER 2.5 km FROM MOUTH	-23.5317	150.8294	30/10/2008	8.0		53.1						6.6	96.0	7.8				35.0		23.96	100
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	24/01/2008	0.2	1.0	1.26	0.04	0.004	0.776	0.18	0.96	6.4	80.7	7.53	1.7	0.066	0.32	0.640	280	27.22	605
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	24/01/2008	10.0		6.00						6.3	79.8	7.61				3.26		26.84	1000
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	24/01/2008	2.0		1.61						6.4	80.3	7.5				0.826		27.1	509
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	24/01/2008	4.0		3.31						6.4	80.6	7.52				1.74		27	388
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	24/01/2008	6.0		4.18						6.3	79.9	7.54				2.22		26.91	649
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	24/01/2008	8.0		5.31						6.3	79.8	7.58				2.86		26.86	954
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	19/02/2008	0.2	0.8	0.142	0.1					5.1	61.9	7.16	4.4			0.071		25.59	464
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	19/02/2008	2.0		0.140						5.0	60.6	7.05				0.070		25.59	487
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	19/02/2008	4.0		0.140						4.9	60.3	7.03				0.070		25.59	515
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	19/02/2008	6.0		0.147						4.9	59.8	7.03				0.073		25.58	575
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	19/02/2008	8.0		0.153						4.9	60.2	7.2				0.076		25.58	580
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	18/03/2008	0.2	2.2	23.0	0.05					6.8	89.9	7.86	6.3			13.9		25.27	397
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	18/03/2008	10.0		24.2						6.6	87.6	7.85				14.7		25.1	850
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	18/03/2008	2.0		23.4						6.7	88.6	7.84				14.2		25.15	571
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	18/03/2008	4.0		23.7						6.7	87.9	7.84				14.3		25.13	738
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	18/03/2008	6.0		24.0						6.7	87.7	7.84				14.6		25.11	785

1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	18/03/2008	8.0		24.1					6.6	87.6	7.84			14.6	25.11	829
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/04/2008	0.2	2.1	39.6	0.25				7.1	96.7	7.71	1.2		25.2	23.37	93
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/04/2008	10.0		39.7					6.9	94.2	7.74			25.3	23.32	93
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/04/2008	2.0		39.5					7.0	95.5	7.72			25.2	23.35	94
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/04/2008	4.0		39.6					7.0	94.8	7.72			25.3	23.34	95
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/04/2008	6.0		39.6					7.0	94.6	7.73			25.3	23.34	96
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/04/2008	8.0		39.6					7.0	94.4	7.73			25.3	23.33	94
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	1/07/2008	0.2	0.9	48.6	0.1				7.2	94.6	8.07	2.5		31.7	19.68	171
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	1/07/2008	10.0		48.8					7.2	94.5	8.06			31.9	19.65	189
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	1/07/2008	12.0		48.9					7.2	94.4	8.06			31.9	19.65	191
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	1/07/2008	2.0		48.8					7.2	94.5	8.07			31.9	19.65	182
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	1/07/2008	4.0		48.8					7.2	94.5	8.06			31.9	19.65	183
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	1/07/2008	6.0		48.8					7.2	94.5	8.07			31.9	19.65	186
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	1/07/2008	8.0		48.8					7.2	94.4	8.06			31.9	19.65	188
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	29/07/2008	0.2	1.7	43.4	0.15				7.6	95.3	7.84	< 0.5		28.0	17.88	159
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	29/07/2008	2.0		43.4					7.7	95.6	7.85			28.0	17.89	166
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	29/07/2008	4.0		43.5					7.7	95.7	7.84			28.1	17.88	173
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	29/07/2008	6.0		43.6					7.7	96.1	7.84			28.1	17.87	176

	MOUTH																				
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	29/07/2008	8.0		43.6				7.7	96.2	7.85				28.1		17.86	179	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	3/09/2008	0.2	< 0.1	46.6	0.15			7.5	100.2	7.69	6.9			30.3		20.72	260	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	3/09/2008	10.0		46.8				7.5	100.3	7.69				30.5		20.7	285	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	3/09/2008	2.0		46.6				7.5	100.5	7.68				30.3		20.72	272	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	3/09/2008	4.0		46.6				7.5	100.4	7.68				30.3		20.71	275	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	3/09/2008	6.0		46.6				7.5	100.5	7.69				30.3		20.71	279	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	3/09/2008	8.0		46.7				7.5	100.3	7.69				30.4		20.71	280	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/09/2008	0.2	2.9	49.1	0.12			7.6	108.5	7.85	1.1			32.1		23.63	109	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/09/2008	2.0		50.4				7.6	107.2	7.84				33.0		23.18	152	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/09/2008	4.0		50.6				7.5	105.8	7.83				33.2		23.21	213	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/09/2008	6.0		50.6				7.4	105.1	7.82				33.2		23.21	229	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/10/2008	0.2	2.4	51.3	0.2			6.7	96.7	7.82	0.6			33.7		24.33	113	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/10/2008	2.0		51.3				6.6	96.0	7.81				33.7		24.3	118	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/10/2008	4.0		51.3				6.6	95.7	7.8				33.7		24.26	121	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/10/2008	6.0		51.7				6.6	95.3	7.81				34.0		24.1	188	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/10/2008	8.0		51.7				6.6	95.0	7.81				34.0		24.09	284	
1300001001000	FITZROY RIVER 10.0 km FROM MOUTH	-23.5072	150.7858	30/10/2008	9.0		51.7				6.6	94.9	7.81				34.0		24.09	290	

1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	24/01/2008	0.2	< 0.1	1.48	0.02											6.3	79.6	7.51	4.7					0.759	555	26.86	710
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	24/01/2008	2.0		1.48												6.3	79.2	7.42						0.758		26.86	715
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	24/01/2008	4.0		1.49												6.3	79.0	7.37						0.760		26.86	715
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	24/01/2008	6.0		1.49												6.3	79.0	7.35						0.760		26.86	717
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	24/01/2008	8.0		1.49												6.3	79.0	7.33						0.761		26.86	869
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	19/02/2008	0.2	2.5	0.123	0.1											5.1	62.5	7.09	4.5					0.061		25.6	487
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	19/02/2008	10.0		0.124												4.9	60.3	6.95						0.062		25.6	533
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	19/02/2008	12.0		0.126												4.9	60.4	6.93						0.063		25.6	526
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	19/02/2008	14.0		0.125												5.0	61.7	6.92						0.062		25.61	535
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	19/02/2008	16.0		0.124												5.0	61.6	6.9						0.062		25.61	535
1300001001500	FITZROY RIVER 15.0km	-23.4944	150.7364	19/02/2008	2.0		0.124												5.0	61.3	7.06						0.062		25.6	523

	FROM MOUTH (44.9km D/S FROM BARRAGE)																		
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	19/02/2008	4.0		0.125				5.0	60.7	6.98			0.062	25.6	550	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	19/02/2008	6.0		0.124				4.9	60.5	6.95			0.062	25.6	534	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	19/02/2008	8.0		0.125				4.9	60.4	6.94			0.062	25.6	541	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	18/03/2008	0.2	4.5	15.2	0.1			6.9	87.8	7.76	1.8		8.88	25.29	343	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	18/03/2008	2.0		15.5				6.8	87.4	7.76			9.04	25.29	398	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	18/03/2008	4.0		15.6				6.8	87.3	7.76			9.13	25.27	423	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	18/03/2008	6.0		15.4				6.8	87.1	7.76			9.00	25.28	425	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	18/03/2008	8.0		15.2				6.8	87.2	7.76			8.88	25.3	391	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	30/04/2008	0.2	2.9	33.4	0.25			7.2	95.5	7.7	1.7		20.9	23.34	71	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (	-23.4944	150.7364	30/04/2008	2.0		33.4				7.2	94.9	7.71			20.9	23.34	73

	44.9km D/S FROM BARRAGE)																			
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	30/04/2008	4.0		33.4					7.1	94.6	7.7				20.9	23.34	72
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	30/04/2008	6.0		33.4					7.1	94.3	7.71				20.9	23.34	76
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	30/04/2008	8.0		34.0					7.1	94.1	7.71				21.3	23.37	82
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	1/07/2008	0.2	1.1	46.9	0.1				7.1	92.2	7.99	1.2			30.5	19.52	134
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	1/07/2008	2.0		47.0					7.1	92.3	7.99				30.6	19.55	147
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	1/07/2008	4.0		47.0					7.1	92.3	7.99				30.6	19.56	139
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	1/07/2008	6.0		47.1					7.1	92.6	7.99				30.6	19.57	141
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	1/07/2008	8.0		47.1					7.1	92.9	7.99				30.6	19.58	146
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	29/07/2008	0.2	0.6	39.7	0.2				7.7	94.4	7.81	1.5			25.4	18.03	140
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM	-23.4944	150.7364	29/07/2008	10.0		39.6					7.7	94.8	7.81				25.2	18.02	133

	BARRAGE)																			
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	29/07/2008	12.0		39.6				7.7	94.8	7.81				25.3	18.02	134	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	29/07/2008	2.0		39.3				7.7	94.6	7.8				25.1	18.03	139	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	29/07/2008	4.0		39.3				7.7	94.7	7.8				25.1	18.02	132	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	29/07/2008	6.0		39.4				7.7	94.6	7.81				25.1	18.02	132	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	29/07/2008	8.0		39.5				7.7	94.8	7.81				25.2	18.02	131	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	3/09/2008	0.2	0.7	42.2	0.1			7.6	98.4	7.63	4.9			27.1	20.51	239	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	3/09/2008	2.0		42.4				7.5	98.2	7.62				27.3	20.49	287	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	3/09/2008	4.0		42.6				7.5	98.2	7.62				27.4	20.49	302	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	3/09/2008	6.0		42.8				7.5	98.0	7.63				27.6	20.48	337	
1300001001500	FITZROY RIVER 15.0km FROM MOUTH (44.9km D/S FROM BARRAGE)	-23.4944	150.7364	3/09/2008	8.0		42.8				7.5	98.1	7.63				27.6	20.48	355	

1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	24/01/2008	4.0		0.542						6.0	74.9	7.3				0.273	26.87	840
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	24/01/2008	6.0		0.563						6.0	74.8	7.23				0.283	26.85	848
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	24/01/2008	8.0		0.557						6.0	74.6	7.13				0.280	26.84	913
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	19/02/2008	0.2	1.7	0.103	0.075	0.014	0.87	0.086	0.97	5.2	63.9	7.04	3.6	0.083	0.39	0.051	25.58	519
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	19/02/2008	10.0		0.103						5.1	61.9	6.88				0.051	25.58	589
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	19/02/2008	2.0		0.103						5.1	62.9	6.97				0.051	25.58	551
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	19/02/2008	4.0		0.103						5.1	62.4	6.95				0.051	25.58	558
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	19/02/2008	6.0		0.102						5.1	62.2	6.95				0.051	25.58	560
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	19/02/2008	8.0		0.103						5.1	61.9	6.95				0.051	25.58	582
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	18/03/2008	0.2	2.2	8.20	0.1	0.003	0.437	0.25	0.69	7.0	86.9	7.72	4.8	0.076	0.21	4.55	25.31	354
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	18/03/2008	2.0		8.20						6.9	86.6	7.72				4.55	25.3	358
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	18/03/2008	4.0		8.32						6.9	86.4	7.72				4.62	25.29	360
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	18/03/2008	6.0		8.38						6.9	86.2	7.72				4.66	25.29	362
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	18/03/2008	8.0		8.44						6.9	86.0	7.72				4.69	25.28	399
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	30/04/2008	0.2	3.3	29.9	0.3	0.004	0.256	0.21	0.47	7.4	96.5	7.71	0.9	0.061	0.085	18.5	23.44	65
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	30/04/2008	2.0		30.0						7.3	96.0	7.71				18.6	23.4	69
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	30/04/2008	4.0		30.1						7.3	95.5	7.71				18.6	23.39	71
1300001002000	Fitzroy River 20.0km from mouth	-23.5047	150.7144	30/04/2008	6.0		31.3						7.2	95.0	7.7				19.5	23.31	75

1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	30/09/2008	6.0		45.8						7.1	98.9	7.82				29.7		23.37	320
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	30/10/2008	0.2	3.1	48.5	0.1					6.6	94.8	7.76	3.1			31.7		24.55	284
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	30/10/2008	2.0		48.5						6.5	93.2	7.74				31.6		24.52	298
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	30/10/2008	4.0		48.5						6.5	92.8	7.73				31.7		24.51	300
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	30/10/2008	6.0		48.5						6.4	92.5	7.73				31.7		24.5	304
1300001002000	Fitzroy River 20.0km from mouth (Estuary)	-23.5047	150.7144	30/10/2008	8.0		48.5						6.4	92.0	7.73				31.7		24.49	309
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	24/01/2008	0.2	< 0.1	0.223	0.02	0.003	1.307	0.19	1.5	6.1	77.4	7.27	9.2	0.057	0.6	0.112	570	27.49	1000
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	24/01/2008	2.0		0.224						6.1	77.4	7.2				0.112		27.52	1000
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	24/01/2008	2.5		0.226						6.1	77.6	7.15				0.113		27.55	1000
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	19/02/2008	0.2	10.7	0.212	0.1					5.0	61.5	7.17	18.3			0.106		25.36	336
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	19/02/2008	2.0		0.215						5.0	61.1	7.06				0.108		25.37	335
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	19/02/2008	3.0		0.213						5.0	61.1	7.04				0.107		25.4	326
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	18/03/2008	0.2	9.5	1.75	0.1					7.1	88.3	7.69	5.8			0.899		26.02	351
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	18/03/2008	2.0		1.75						7.0	86.1	7.61				0.899		25.91	400
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	30/04/2008	0.2	11.6	25.2	0.6					10.5	132.3	8.03	6.6			15.4		22.42	43
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	1/07/2008	0.2	1.7	34.3	0.15					7.1	87.4	7.85	1.8			21.5		19.49	102
1300001002810	FITZROY RIVER 28.1 km FROM MOUTH	-23.5158	150.6342	1/07/2008	2.0		34.3						7.1	87.4	7.84				21.6		19.48	102
1300001002810	FITZROY RIVER 28.1 km FROM	-23.5158	150.6342	29/07/2008	0.2	2.4	23.0	0.15					8.5	96.4	7.8	< 0.5			13.9		17.2	162

	FROM MOUTH (26.1km D/S FROM BARRAGE)																		
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	19/02/2008	11.5		0.104				5.1	62.8	6.85			0.052	25.62	518	
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	19/02/2008	2.0		0.101				5.2	63.7	6.92			0.050	25.6	507	
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	19/02/2008	4.0		0.101				5.2	63.4	6.93			0.050	25.6	506	
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	19/02/2008	6.0		0.102				5.2	63.1	6.91			0.051	25.6	520	
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	19/02/2008	8.0		0.103				5.1	62.9	6.92			0.051	25.61	510	
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	18/03/2008	0.2	3.3	1.51	0.1			7.1	86.7	7.62	2.9		0.770	25.5	361	
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	18/03/2008	2.0		1.52				7.0	86.2	7.61			0.776	25.49	369	
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	18/03/2008	4.0		1.52				7.0	86.0	7.6			0.776	25.49	371	
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	18/03/2008	6.0		1.55				7.0	85.8	7.6			0.794	25.51	383	
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (	-23.4906	150.6628	30/04/2008	0.2	4.6	21.1	0.4			7.6	96.8	7.7	0.9		12.6	23.76	37

	26.1km D/S FROM BARRAGE)																			
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	30/04/2008	2.0		21.5					7.6	96.1	7.69				12.9	23.63	44
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	30/04/2008	4.0		22.4					7.5	96.1	7.69				13.5	23.6	52
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	1/07/2008	0.2	1.3	37.4	0.15				7.1	89.5	7.89	0.8			23.7	19.59	95
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	1/07/2008	2.0		37.7					7.1	89.1	7.88				23.9	19.53	95
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	1/07/2008	4.0		37.6					7.1	89.5	7.88				23.9	19.54	96
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	1/07/2008	5.5		37.7					7.1	89.5	7.88				24.0	19.57	99
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	29/07/2008	0.2	0.8	21.2	0.5				8.3	94.4	7.79	0.5			12.7	18.12	52
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	29/07/2008	2.0		21.6					8.2	93.2	7.76				13.0	18.03	62
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	29/07/2008	4.0		22.2					8.1	93.0	7.75				13.4	18.01	75
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM	-23.4906	150.6628	29/07/2008	6.0		22.1					8.1	93.1	7.74				13.3	18.03	70

	BARRAGE)																			
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	3/09/2008	0.2	1.1	34.1	0.15				7.8	98.8	7.57	4.7			21.4	20.49	157
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	3/09/2008	2.0		34.2					7.7	97.3	7.56				21.5	20.48	175
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	3/09/2008	4.0		34.2					7.7	97.0	7.57				21.5	20.48	173
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	3/09/2008	6.0		34.4					7.7	96.6	7.56				21.6	20.47	214
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	30/09/2008	0.2	1.7	34.8	0.14				7.1	96.1	7.77	1.9			21.9	23.9	148
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	30/09/2008	2.0		34.9					7.1	95.6	7.76				22.0	23.85	147
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	30/09/2008	4.0		35.2					7.1	95.4	7.75				22.2	23.88	162
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	30/10/2008	0.2	1.9	44.1	0.2				6.5	92.1	7.71	1.8			28.5	24.79	170
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	30/10/2008	2.0		44.1					6.4	91.0	7.68				28.5	24.78	171
1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	30/10/2008	4.0		44.2					6.5	91.6	7.68				28.6	24.75	187

1300001003380	FITZROY RIVER 33.8km FROM MOUTH (26.1km D/S FROM BARRAGE)	-23.4906	150.6628	30/10/2008	6.0		44.3				6.4	90.8	7.68			28.6	24.76	191	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	24/01/2008	0.2	< 0.1	0.162	0.01			5.5	69.5	6.98	7.5		0.081	971.4	27.26	1000
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	24/01/2008	2.0		0.163				5.5	69.5	6.92			0.081	27.23	1000	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	24/01/2008	4.0		0.163				5.5	69.4	6.9			0.081	27.23	1000	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	24/01/2008	6.0		0.163				5.5	69.4	6.87			0.081	27.24	1000	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	24/01/2008	8.0		0.163				5.5	69.4	6.85			0.081	27.25	1000	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	19/02/2008	0.2	1.1	0.098	0.1			5.4	66.3	7.04	3.6		0.049	25.61	483	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	19/02/2008	10.0		0.101				5.1	62.4	6.8			0.050	25.6	501	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	19/02/2008	12.0		0.100				5.1	62.4	6.75			0.050	25.6	495	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	19/02/2008	2.0		0.098				5.2	64.2	6.86			0.049	25.6	494	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	19/02/2008	4.0		0.099				5.1	63.0	6.8			0.049	25.6	497	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	19/02/2008	6.0		0.099				5.1	62.8	6.8			0.049	25.6	483	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	19/02/2008	8.0		0.100				5.1	62.6	6.78			0.050	25.6	504	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	18/03/2008	0.2	2.7	0.329	0.1			7.2	87.7	7.44	1.7		0.165	25.59	167	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	18/03/2008	2.0		0.331				7.1	87.2	7.43			0.166	25.59	169	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	18/03/2008	4.0		0.331				7.1	87.0	7.42			0.166	25.59	172	
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	30/04/2008	0.2	3.5	15.2	0.55			7.5	93.8	7.66	1.9		8.86	23.97	25	

1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	30/04/2008	2.0		15.6					7.4	92.9	7.64			9.10		23.89	29
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	30/04/2008	4.0		15.6					7.4	92.5	7.64			9.12		23.89	34
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	30/04/2008	6.0		15.7					7.4	92.5	7.64			9.15		23.9	32
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	1/07/2008	0.2	1.4	27.1	0.5				7.3	89.0	7.84	1.0		16.6		20	29
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	1/07/2008	2.0		27.3					7.3	88.6	7.82			16.7		19.87	34
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	1/07/2008	4.0		27.6					7.3	88.4	7.82			16.9		19.81	36
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	1/07/2008	6.0		28.5					7.3	88.3	7.82			17.5		19.69	44
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	1/07/2008	8.0		28.7					7.3	88.2	7.82			17.7		19.68	47
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	29/07/2008	0.2	< 0.1	10.2	0.7				8.4	93.0	7.78	1.1		5.78		18.6	23
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	29/07/2008	2.0		10.6					8.3	92.2	7.75			6.01		18.53	27
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	29/07/2008	4.0		10.5					8.3	92.2	7.75			5.95		18.54	27
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	29/07/2008	6.0		10.5					8.3	92.3	7.75			5.93		18.55	26
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	3/09/2008	0.2	1.8	24.1	0.2				8.0	96.5	7.55	2.0		14.6		20.62	106
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	3/09/2008	2.0		24.3					7.9	95.9	7.54			14.8		20.61	129
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	3/09/2008	4.0		25.1					7.9	95.8	7.53			15.3		20.61	155
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	3/09/2008	6.0		25.3					7.8	95.5	7.53			15.4		20.6	173
1300001003960	Fitzroy River 39.6km from mouth (Estuary)	-23.4575	150.6267	30/09/2008	0.2	1.9	29.6	0.2				7.3	96.3	7.8	< 0.5		18.3		23.96	64
1300001003960	Fitzroy River 39.6km from mouth	-23.4575	150.6267	30/09/2008	2.0		30.5					7.2	94.3	7.76			18.9		23.78	113

	MOUTH (14.7km D/S FROM BARRAGE)																				
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	19/02/2008	4.0		0.099					5.2	63.2	6.77				0.049		25.61	506
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	19/02/2008	6.0		0.099					5.1	62.9	6.76				0.049		25.62	505
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	19/02/2008	8.0		0.099					5.1	62.7	6.76				0.049		25.62	501
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	19/02/2008	9.5		0.087					5.1	62.5	6.73				0.043		25.62	575
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	18/03/2008	0.2	2.6	0.241	0.15				7.2	88.5	7.34	0.8			0.121		25.7	128
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	18/03/2008	2.0		0.241					7.2	88.1	7.34				0.121		25.69	128
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	18/03/2008	4.0		0.242					7.2	87.9	7.35				0.121		25.68	137
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	18/03/2008	6.0		0.242					7.2	87.9	7.34				0.121		25.69	135
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	30/04/2008	0.2	1.9	10.1	0.85				7.6	93.0	7.63	3.0			5.68		23.64	14
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	30/04/2008	2.0		11.5					7.1	87.1	7.56				6.54		23.71	17

	FROM BARRAGE)																			
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	30/04/2008	4.0		13.4				6.9	85.7	7.55				7.75	24	28	
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	1/07/2008	0.2	2.2	20.1	0.5			7.4	88.7	7.81	< 0.1			12.0	20.71	24	
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	1/07/2008	2.0		22.7				7.3	86.7	7.76				13.7	19.7	39	
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	1/07/2008	4.0		23.0				7.3	86.4	7.77				13.9	19.67	47	
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	1/07/2008	5.5		23.3				7.3	86.4	7.77				14.1	19.67	48	
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	29/07/2008	0.2	1.6	4.67	0.6			8.7	94.9	7.85	< 0.5			2.50	19.06	31	
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	29/07/2008	2.0		5.16				8.6	94.3	7.83				2.78	18.86	44	
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	29/07/2008	4.0		6.75				8.4	91.8	7.76				3.70	18.53	44	
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	29/07/2008	6.0		6.05				8.4	91.4	7.77				3.29	18.53	43	
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	3/09/2008	0.2	2.2	12.1	0.4			8.4	97.1	7.58	< 0.5			6.95	20.55	40	

1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	3/09/2008	2.0		12.3					8.3	96.5	7.56			7.07	20.52	41
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	3/09/2008	4.0		13.3					8.3	96.0	7.54			7.67	20.45	45
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	3/09/2008	6.0		14.3					8.2	95.5	7.54			8.31	20.44	59
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	30/09/2008	0.2	2.0	20.6	0.5				7.6	97.3	7.89	0.8		12.3	24.37	17
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	30/09/2008	2.0		22.1					7.4	94.2	7.81			13.3	23.62	21
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	30/09/2008	4.0		23.1					7.2	92.2	7.79			13.9	23.6	36
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	30/09/2008	6.0		24.4					7.2	92.3	7.79			14.8	23.6	44
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	30/10/2008	0.2	3.2	30.1	0.75				7.0	95.5	7.71	0.5		18.6	25.44	18
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	30/10/2008	2.0		31.9					6.7	91.0	7.66			19.9	24.83	24
1300001004520	FITZROY RIVER 45.2km FROM MOUTH (14.7km D/S FROM BARRAGE)	-23.4222	150.5908	30/10/2008	4.0		32.8					6.6	89.8	7.66			20.5	24.76	28
1300001004520	FITZROY RIVER 45.2km	-23.4222	150.5908	30/10/2008	6.0		33.2					6.5	88.6	7.66			20.8	24.75	35

	FROM MOUTH (14.7km D/S FROM BARRAGE)																					
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	24/01/2008	0.2	4.5	0.131	0.01					4.5	57.0	6.67	4.9			0.065	960	27.15	1000
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	24/01/2008	2.0		0.133						4.5	56.6	6.61				0.066		27.15	1000
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	24/01/2008	4.0		0.132						4.5	56.4	6.68				0.066		27.14	1000
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	24/01/2008	6.0		0.130						4.5	56.4	6.7				0.065		27.15	1000
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	24/01/2008	8.0		0.133						4.5	56.2	6.66				0.066		27.15	1000
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	19/02/2008	0.2	2.1	0.098	0.1					5.4	65.6	6.8	3.0			0.049		25.6	473
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	19/02/2008	10.0		0.098						5.2	63.3	6.7				0.049		25.6	479
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	19/02/2008	2.0		0.098						5.3	64.4	6.8				0.049		25.6	470
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	19/02/2008	4.0		0.098						5.2	64.0	6.7				0.049		25.6	480
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (	-23.3822	150.5586	19/02/2008	6.0		0.098						5.2	63.7	6.7				0.049		25.6	483

	9.7km D/S FROM BARRAGE)																			
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	19/02/2008	8.0		0.099					5.2	63.4	6.7				0.049	25.6	488
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	18/03/2008	0.2	1.9	0.226	0.15				7.2	89.1	7.28	2.2			0.113	25.84	121
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	18/03/2008	2.0		0.226					7.2	88.7	7.29				0.113	25.84	122
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	18/03/2008	4.0		0.226					7.2	88.4	7.29				0.113	25.85	126
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	18/03/2008	5.0		0.227					7.2	88.4	7.29				0.114	25.84	123
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/04/2008	0.2	2.0	7.34	0.85				7.3	89.0	7.56	1.7			4.04	23.85	15
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/04/2008	2.0		8.08					7.1	85.9	7.51				4.48	23.72	17
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/04/2008	4.0		9.50					6.8	83.2	7.49				5.33	23.81	22
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	1/07/2008	0.2	1.2	14.7	0.5				7.3	85.4	7.74	0.9			8.55	20.24	27
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM	-23.3822	150.5586	1/07/2008	2.0		15.9					7.3	84.4	7.71				9.29	19.87	29

	BARRAGE)																				
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	1/07/2008	4.0		16.7				7.2	84.0	7.7				9.83	19.76	34		
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	1/07/2008	5.0		17.0				7.2	83.9	7.69				10.0	19.79	37		
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	29/07/2008	0.2	2.4	1.26	0.3			9.1	97.2	8.03	1.7			0.640	18.55	53		
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	29/07/2008	2.0		1.26				9.1	97.2	7.99				0.642	18.5	58		
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	29/07/2008	4.0		1.26				9.1	97.3	7.96				0.641	18.49	57		
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	29/07/2008	6.0		1.27				9.1	97.3	7.95				0.646	18.49	58		
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	3/09/2008	0.2	0.8	5.46	0.35			8.3	93.8	7.58	3.3			2.95	20.33	85		
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	3/09/2008	2.0		5.52				8.3	93.6	7.58				2.98	20.34	89		
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	3/09/2008	4.0		6.03				8.3	93.2	7.56				3.28	20.33	117		
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	3/09/2008	6.0		6.19				8.2	93.1	7.56				3.37	20.33	126		

1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/09/2008	0.2	4.5	13.8	0.34					7.5	94.3	7.9	0.9			7.96	24.38	28	
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/09/2008	2.0		13.8						7.4	91.7	7.85				7.96	23.94	28	
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/09/2008	4.0		14.5						7.3	89.9	7.81				8.44	23.62	43	
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/09/2008	6.0		14.7						7.2	89.0	7.8				8.56	23.61	52	
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/10/2008	0.2	5.0	25.5	0.5					7.2	95.7	7.73	1.4			15.6	25.36	29	
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/10/2008	2.0		26.5						6.8	90.6	7.67				16.2	24.92	45	
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/10/2008	4.0		26.7						6.7	89.3	7.66				16.3	24.88	53	
1300001005020	FITZROY RIVER 50.2km FROM MOUTH (9.7km D/S FROM BARRAGE)	-23.3822	150.5586	30/10/2008	5.0		26.7						6.7	88.8	7.66				16.3	24.88	54	
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	24/01/2008	0.2	<0.1	0.127	0.01	0.005	1.295	0.2	1.5	4.6	58.5	6.67	14.7	0.029	0.53	0.063	900	27.14	1000
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	24/01/2008	2.0		0.128						4.6	57.7	6.68				0.064	27.11	1000	
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	24/01/2008	4.0		0.128						4.6	57.3	6.69				0.064	27.11	1000	

	FROM MOUTH (7.3km D/S FROM BARRAGE)																		
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	24/01/2008	6.0		0.128					4.5	57.1	6.67			0.064	27.11	1000
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	24/01/2008	6.5		0.125					4.5	56.7	6.7			0.062	27.11	1000
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	19/02/2008	0.2	2.2	0.098	0.1				5.4	66.7	6.97	3.2		0.049	25.64	495
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	19/02/2008	10.0		0.098					5.2	63.9	6.74			0.049	25.63	496
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	19/02/2008	12.0		0.099					5.2	63.8	6.74			0.049	25.63	483
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	19/02/2008	13.0		0.098					5.2	63.6	6.73			0.049	25.63	489
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	19/02/2008	2.0		0.098					5.3	65.0	6.84			0.049	25.63	504
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	19/02/2008	4.0		0.098					5.3	64.5	6.83			0.049	25.63	506
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	19/02/2008	6.0		0.098					5.2	64.2	6.81			0.049	25.63	506
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (	-23.3822	150.5481	19/02/2008	8.0		0.098					5.2	64.0	6.76			0.049	25.63	503

	7.3km D/S FROM BARRAGE)																			
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	18/03/2008	0.2	2.1	0.219	0.15				7.4	91.6	7.3	2.6			0.110	25.88	120
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	18/03/2008	2.0		0.220					7.4	90.8	7.28				0.110	25.89	120
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/04/2008	0.2	0.8	5.37	0.9				7.7	91.9	7.61	0.8			2.90	23.47	15
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/04/2008	2.0		7.43					7.1	85.9	7.49				4.09	23.69	19
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/04/2008	4.0		8.99					6.7	82.1	7.45				5.02	23.85	26
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	1/07/2008	0.2	2.5	12.1	0.6				7.6	88.6	7.72	2.6			6.93	20.69	20
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	1/07/2008	2.0		14.2					7.3	84.4	7.67				8.21	19.82	30
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	1/07/2008	4.0		15.4					7.3	83.9	7.67				8.97	19.75	44
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	29/07/2008	0.2	3.1	0.610	0.6				9.3	99.2	8.08	1.9			0.307	18.45	39
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM	-23.3822	150.5481	29/07/2008	2.0		0.634					9.3	99.3	8.03				0.319	18.42	38

	BARRAGE)																			
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	3/09/2008	0.2	0.9	2.49	0.3				8.4	93.9	7.66	2.5			1.29	20.29	98
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	3/09/2008	2.0		4.19					8.3	92.9	7.58				2.23	20.31	120
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	3/09/2008	4.0		4.60					8.2	92.6	7.56				2.46	20.31	134
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/09/2008	0.2	2.1	10.8	0.44				7.6	93.6	7.9	0.7			6.13	24.23	25
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/09/2008	2.0		12.3					7.1	87.4	7.79				7.07	23.6	40
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/09/2008	4.0		13.5					7.1	87.5	7.78				7.77	23.56	39
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/09/2008	5.0		13.8					7.1	87.3	7.78				7.96	23.55	50
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/10/2008	0.2	8.6	24.2	0.5				8.1	107.3	7.83	2.3			14.7	25.46	35
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/10/2008	2.0		24.7					7.4	97.0	7.74				15.0	25	36
1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/10/2008	4.0		25.3					7.3	95.9	7.7				15.4	24.87	36

1300001005260	FITZROY RIVER 52.6km FROM MOUTH (7.3km D/S FROM BARRAGE)	-23.3822	150.5481	30/10/2008	5.0		25.9					6.9	91.5	7.67			15.8	24.83	41	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	24/01/2008	0.2	<0.1	0.125	0.01				4.5	57.2	6.55	9.4		0.062	1080	27.11	1000
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	24/01/2008	2.0		0.126					4.5	56.6	6.59			0.063		27.1	1000
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	24/01/2008	4.0		0.125					4.5	56.3	6.62			0.062		27.1	1000
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	24/01/2008	6.0		0.125					4.4	55.9	6.67			0.062		27.1	1000
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	24/01/2008	8.0		0.125					4.4	55.8	6.65			0.062		27.11	1000
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	24/01/2008	9.0		0.126					4.4	55.6	6.64			0.063		27.11	1000
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	19/02/2008	0.2	3.3	0.097	0.1				5.5	67.7	6.99	1.3		0.048		25.65	477
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	19/02/2008	10.0		0.097					5.3	64.4	6.74			0.048		25.64	480
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	19/02/2008	2.0		0.097					5.4	65.8	6.8			0.048		25.65	483
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	19/02/2008	4.0		0.098					5.3	65.2	6.77			0.049		25.64	479

	FROM MOUTH (4.8km D/S FROM BARRAGE)																		
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	19/02/2008	6.0		0.097				5.3	64.9	6.75			0.048	25.64	481	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	19/02/2008	8.0		0.097				5.3	64.7	6.76			0.048	25.64	485	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	18/03/2008	0.2	3.6	0.197	0.2			7.5	92.0	7.26	< 0.1		0.098	25.79	113	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	18/03/2008	2.0		0.196				7.5	92.0	7.26			0.098	25.79	111	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	18/03/2008	4.0		0.196				7.5	92.0	7.26			0.098	25.8	112	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	30/04/2008	0.2	1.8	4.19	0.8			7.4	88.2	7.57	1.1		2.23	23.56	23	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	30/04/2008	2.0		4.44				7.2	86.1	7.53			2.37	23.36	23	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	30/04/2008	4.0		8.60				6.5	78.9	7.38			4.79	23.86	26	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	1/07/2008	0.2	1.2	9.84	0.7			7.9	91.4	7.74	5.1		5.54	21.1	16	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (	-23.3928	150.5303	1/07/2008	2.0		12.0				7.4	84.5	7.65			6.84	19.99	30

	4.8km D/S FROM BARRAGE)																			
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	1/07/2008	4.0		13.7				7.1	82.0	7.61				7.91	19.98	63	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	1/07/2008	5.0		13.9				7.1	81.5	7.6				8.03	19.96	91	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	29/07/2008	0.2	3.5	0.371	0.65			9.1	96.7	8.11	1.7			0.186	18.45	17	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	29/07/2008	2.0		0.374				9.1	96.5	8.04				0.188	18.26	19	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	29/07/2008	4.0		0.373				9.0	95.8	8				0.187	18.07	24	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	3/09/2008	0.2	1.3	1.17	0.25			8.6	95.6	7.74	3.7			0.594	20.14	120	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	3/09/2008	2.0		1.21				8.6	94.7	7.7				0.617	20.17	119	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	3/09/2008	4.0		1.41				8.5	94.4	7.66				0.719	20.17	129	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM BARRAGE)	-23.3928	150.5303	3/09/2008	6.0		1.55				8.4	93.5	7.64				0.794	20.18	148	
1300001005510	FITZROY RIVER 55.1km FROM MOUTH (4.8km D/S FROM	-23.3928	150.5303	30/09/2008	0.2	1.3	8.84	0.42			7.3	90.1	7.84	< 0.5			4.94	24.41	24	

1300001005730	Fitzroy River 57.3km from mouth (Estuary)	-23.3750	150.5142	30/09/2008	0.2	4.1	7.02	0.48	0.059	0.271	0.37	0.7	7.4	90.1	7.86	1.2	0.11	0.15	3.85	24.04	21
1300001005730	Fitzroy River 57.3km from mouth (Estuary)	-23.3750	150.5142	30/09/2008	2.0		7.17						7.1	85.8	7.78				3.94	23.53	22
1300001005730	Fitzroy River 57.3km from mouth (Estuary)	-23.3750	150.5142	30/09/2008	4.0		8.53						7.0	85.2	7.73				4.75	23.52	31
1300001005730	Fitzroy River 57.3km from mouth (Estuary)	-23.3750	150.5142	30/09/2008	5.5		9.03						6.9	83.6	7.71				5.05	23.48	79
1300001005730	Fitzroy River 57.3km from mouth (Estuary)	-23.3750	150.5142	30/10/2008	0.2	24.9	21.5	0.75					10.8	142.0	8.15	11.3			12.9	25.77	19
1300001005730	Fitzroy River 57.3km from mouth (Estuary)	-23.3750	150.5142	30/10/2008	2.0		21.8						9.4	123.3	7.96				13.1	25.16	21
1300001005730	Fitzroy River 57.3km from mouth (Estuary)	-23.3750	150.5142	30/10/2008	4.0		22.2						8.9	116.0	7.92				13.4	25.08	29
1300001005730	Fitzroy River 57.3km from mouth (Estuary)	-23.3750	150.5142	30/10/2008	6.0		23.1						8.4	109.6	7.83				14.0	24.95	33
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	24/01/2008	0.2		0.125	0.01					5.6	70.1	6.99				0.062	27.18	1000
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	18/03/2008	0.2	2.8	0.193	0.2					7.9	97.6	7.25	2.0			0.096	25.83	108
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	18/03/2008	2.0		0.193						7.6	93.4	7.23				0.096	25.93	113
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	30/04/2008	0.2	3.6	2.71	0.6					8.1	96.3	7.67	1.7			1.41	23.67	35
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	30/04/2008	2.0		2.93						8.0	95.8	7.66				1.53	23.81	33
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (	-23.3636	150.5025	30/04/2008	4.0		4.46						7.1	85.2	7.41				2.38	23.8	25

	0.3km D/S FROM BARRAGE)																				
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	1/07/2008	0.2	1.4	9.48	0.8					7.2	83.3	7.63	0.6			5.32	21.24	14
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	1/07/2008	2.0		10.4						7.3	83.2	7.61				5.85	20.09	18
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	1/07/2008	4.0		10.5						7.2	82.4	7.59				5.96	19.96	20
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	29/07/2008	0.2	3.9	0.345	1.5					9.8	104.5	8.15	2.7			0.173	18.62	7
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	29/07/2008	2.0		0.345						9.8	104.8	8.1				0.173	18.56	7
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	29/07/2008	4.0		0.346						9.8	104.7	8.08				0.173	18.56	7
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	3/09/2008	0.2	7.0	0.421	0.9					9.9	108.5	8.01	3.6			0.211	19.62	11
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	3/09/2008	2.0		0.420						10.0	108.9	7.99				0.211	19.63	11
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	3/09/2008	4.0		0.420						10.0	109.0	7.98				0.211	19.63	11
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM	-23.3636	150.5025	3/09/2008	6.0		0.420						10.0	109.0	7.96				0.211	19.61	11

	BARRAGE)																				
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	30/09/2008	0.2	5.1	6.37	0.51					7.7	95.3	7.98	1.5			3.48	24.89	18
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	30/09/2008	2.0		6.64						7.5	90.9	7.85				3.63	23.65	21
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	30/09/2008	4.0		6.99						7.2	86.6	7.77				3.84	23.33	39
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	30/10/2008	0.2	45.0	18.7	0.8					15.6	206.4	8.66	19.2			11.1	26.62	16
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	30/10/2008	2.0		20.7						11.4	149.4	8.1				12.4	25.41	14
1300001005960	FITZROY RIVER 59.6km FROM MOUTH (0.3km D/S FROM BARRAGE)	-23.3636	150.5025	30/10/2008	3.0		21.1						7.4	96.7	7.75				12.6	24.97	17
1300001006000	Fitzroy River 60.0km from mouth (Fitzroy Barrage)	-23.3602	150.4953	28/10/2008	0.2	10.9	0.795	1.1					8.9	106.9	8.46	2.9			0.402	24.61	6
1300001006000	Fitzroy River 60.0km from mouth (Fitzroy Barrage)	-23.3602	150.4953	28/10/2008	2.0		0.799						8.8	104.2	8.42				0.404	23.85	7
1300001006000	Fitzroy River 60.0km from mouth (Fitzroy Barrage)	-23.3602	150.4953	28/10/2008	4.0		0.813						6.3	73.8	7.97				0.411	23.4	6
1300001006000	Fitzroy River 60.0km from mouth (Fitzroy Barrage)	-23.3602	150.4953	28/10/2008	6.0		0.783						5.8	67.8	7.83				0.396	22.9	6
1300001006000	Fitzroy River 60.0km from mouth (Fitzroy Barrage)	-23.3602	150.4953	28/10/2008	8.0		0.698						0.8	8.5	7.26				0.352	21.24	5
1300001006000	Fitzroy River 60.0km from mouth (Fitzroy Barrage)	-23.3602	150.4953	28/10/2008	9.0		0.694						0.2	2.1	7.19				0.350	20.89	5
1300001006000	Fitzroy River 60.0km from mouth (Fitzroy	-23.3602	150.4953	18/11/2008	0.2	12.0	0.842	1.25					7.9	100.3	8.66	3.6			0.426	27.24	9

1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	28/10/2008	4.0		0.648					5.3	64.3	7.82			0.327	25.15	9
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	28/10/2008	5.0		0.672					3.5	42.4	7.58			0.339	24.76	22
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	18/11/2008	0.2	10.8	0.657	1.2				8.2	108.7	8.7	1.5		0.331	30.18	8
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	18/11/2008	2.0		0.655					8.1	106.4	8.68			0.330	29.75	9
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	18/11/2008	4.0		0.667					1.3	16.7	7.49			0.336	27.8	12
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	18/11/2008	5.0		0.665					0.3	3.5	7.24			0.335	26.61	12
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	2/12/2008	0.2		0.568	1.4				8.2	110.0	8.57			0.286	30.75	5
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	2/12/2008	1.0		0.575					8.4	111.9	8.6			0.289	30.03	6
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	2/12/2008	2.0		0.558					8.1	105.8	8.49			0.281	29.48	5
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	2/12/2008	3.0		0.560					6.4	83.1	8			0.282	28.65	8
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	2/12/2008	4.0		0.590					2.3	29.8	7.33			0.297	27.84	29
1300001009100	Fitzroy River 91.0km from mouth (Fitzroy Barrage)	-23.2518	150.3483	2/12/2008	5.0		0.656					0.3	3.5	7.16			0.331	27.41	29
1300001011470	Fitzroy River 114.7km from mouth (Fitzroy Barrage)	-23.1404	150.3195	28/10/2008	0.2	4.5	0.500	1				7.8	99.2	8.07	1.0		0.251	27.55	9
1300001011470	Fitzroy River 114.7km from mouth (Fitzroy Barrage)	-23.1404	150.3195	28/10/2008	2.0		0.499					7.8	99.1	8.06			0.251	27.38	9
1300001011470	Fitzroy River 114.7km from mouth (Fitzroy Barrage)	-23.1404	150.3195	28/10/2008	4.0		0.496					6.4	78.4	7.63			0.249	25.18	10
1300001011470	Fitzroy River 114.7km from mouth (Fitzroy Barrage)	-23.1404	150.3195	28/10/2008	5.5		0.496					3.9	47.2	7.37			0.249	24.78	28
1300001011470	Fitzroy River 114.7km from mouth (Fitzroy Barrage)	-23.1404	150.3195	18/11/2008	0.2	10.0	0.548	1.4				8.4	111.2	8.58	3.7		0.276	29.96	8
1300001011470	Fitzroy River 114.7km from mouth (Fitzroy Barrage)	-23.1404	150.3195	18/11/2008	2.0		0.543					8.1	106.6	8.44			0.273	29.7	8

1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	19/11/2008	4.0		0.707					7.5	93.7	8.49			0.357	26.63	9
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	19/11/2008	6.0		0.702					2.7	33.4	7.79			0.354	25.5	13
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	19/11/2008	8.0		0.767					0.5	5.3	7.09			0.387	20.52	13
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	0.2		0.787	1.4				8.8	120.0	8.57			0.398	31.52	3
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	1.0		0.774					9.2	122.1	8.63			0.391	30.26	5
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	10.0		0.750					0.1	1.6	6.18			0.379	20.59	8
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	2.0		0.763					6.8	87.4	8.13			0.385	28.55	5
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	3.0		0.748					4.5	57.4	7.63			0.378	27.72	6
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	4.0		0.737					2.0	25.4	7.2			0.372	26.57	7
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	5.0		0.719					0.6	7.5	6.76			0.363	23.87	12
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	6.0		0.720					0.2	2.3	6.51			0.363	23.17	12
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	7.0		0.737					0.2	2.1	6.32			0.372	21.54	11
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	8.0		0.743					0.2	1.9	6.25			0.375	21.01	10
1300001014150	Fitzroy River 141.5km from mouth (Eden Bann Weir)	-23.0893	150.1131	3/12/2008	9.0		0.747					0.2	1.7	6.2			0.377	20.77	8
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	29/10/2008	0.2	7.9	0.759	1.6				9.0	118.3	8.64	0.7		0.383	29.41	5
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	29/10/2008	10.0		0.953					0.2	1.8	7.12			0.483	17.63	9
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	29/10/2008	12.0		0.951					0.1	1.5	7.1			0.482	17.61	9
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	29/10/2008	13.0		0.949					0.1	1.4	7.1			0.481	17.61	9

	Bann Weir)																			
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	29/10/2008	2.0		0.763				10.3	127.0	8.62				0.385		25.89	6
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	29/10/2008	4.0		0.787				8.0	96.8	8.21				0.398		25.13	6
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	29/10/2008	6.0		0.744				0.5	5.6	7.21				0.376		21.46	8
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	29/10/2008	8.0		0.940				0.2	2.1	7.13				0.476		18.11	13
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	19/11/2008	0.2	9.8	0.776	1.4			9.0	117.3	8.75	2.1			0.392		29.14	8
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	19/11/2008	10.0		0.956				0.2	2.5	6.62				0.484		17.97	11
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	19/11/2008	2.0		0.776				8.9	115.5	8.7				0.392		28.98	8
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	19/11/2008	4.0		0.795				5.1	65.8	8.2				0.402		28.38	8
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	19/11/2008	6.0		0.815				0.3	3.0	7.06				0.412		22.09	6
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	19/11/2008	8.0		0.939				0.3	2.8	6.73				0.476		18.7	7
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	3/12/2008	0.2		0.866	0.37			3.8	48.6	7.19				0.438		28.27	35
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	3/12/2008	1.0		0.865				3.7	47.3	7.17				0.438		28.14	36
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	3/12/2008	2.0		0.867				3.7	46.8	7.17				0.439		28.02	34
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	3/12/2008	3.0		0.866				3.6	46.1	7.15				0.438		27.95	35
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	3/12/2008	4.0		0.865				3.6	45.7	7.15				0.438		27.92	35
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	3/12/2008	5.0		0.864				3.5	44.9	7.15				0.437		27.85	36
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	3/12/2008	6.0		0.864				3.5	44.5	7.14				0.437		27.76	35

1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	3/12/2008	7.0		0.865					3.5	43.9	7.12			0.438	27.6	34
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	3/12/2008	8.0		0.870					2.9	35.6	6.98			0.440	26.39	32
1300001015870	Fitzroy River 158.7km from mouth (Eden Bann Weir)	-23.0595	150.0276	3/12/2008	9.0		0.878					1.8	21.2	6.68			0.444	23.72	25
1300001016970	Fitzroy River 169.7km from mouth (Eden Bann Weir)	-23.0611	149.9422	29/10/2008	0.2	25.7	0.897	1.6				9.8	126.8	8.61	2.2		0.454	28.62	5
1300001016970	Fitzroy River 169.7km from mouth (Eden Bann Weir)	-23.0611	149.9422	29/10/2008	2.0		0.897					8.4	104.9	8.34			0.454	26.6	6
1300001016970	Fitzroy River 169.7km from mouth (Eden Bann Weir)	-23.0611	149.9422	29/10/2008	3.5		0.911					7.0	85.9	8.09			0.461	25.54	14
1300001016970	Fitzroy River 169.7km from mouth (Eden Bann Weir)	-23.0611	149.9422	19/11/2008	0.2	7.3	0.919	1.6				7.6	100.3	8.5	1.5		0.465	29.79	6
1300001016970	Fitzroy River 169.7km from mouth (Eden Bann Weir)	-23.0611	149.9422	19/11/2008	2.0		0.914					7.2	94.5	8.42			0.463	29.42	6
1300001016970	Fitzroy River 169.7km from mouth (Eden Bann Weir)	-23.0611	149.9422	19/11/2008	4.0		0.883					0.2	2.1	7.47			0.447	27.31	9
1300001016970	Fitzroy River 169.7km from mouth (Eden Bann Weir)	-23.0611	149.9422	3/12/2008	0.2		0.983	0.4				5.4	71.8	7.62			0.498	30	45
1300001016970	Fitzroy River 169.7km from mouth (Eden Bann Weir)	-23.0611	149.9422	3/12/2008	1.0		0.982					5.4	71.6	7.64			0.498	30	46
1300001016970	Fitzroy River 169.7km from mouth (Eden Bann Weir)	-23.0611	149.9422	3/12/2008	2.0		0.978					5.4	71.5	7.64			0.496	30	45
1300001016970	Fitzroy River 169.7km from mouth (Eden Bann Weir)	-23.0611	149.9422	3/12/2008	3.0		0.980					5.4	71.3	7.63			0.497	30	47
1300001027630	Fitzroy River 276.3km from mouth of Fitzroy (Riverslea Crossing)	-23.5743	149.9350	30/10/2008	0.2	3.1	1.29	> 1				10.5	134.6	8.47	0.6		0.656	28.14	5
1300001027630	Fitzroy River 276.3km from mouth of Fitzroy (Riverslea Crossing)	-23.5743	149.9350	20/11/2008	0.2	11.5	0.836	0.15				5.4	70.5	8.28	3.3		0.423	29.42	196
1300001027630	Fitzroy River 276.3km from mouth of Fitzroy (Riverslea Crossing)	-23.5743	149.9350	4/12/2008	0.2		1.04	0.2				6.0	79.3	7.57			0.526	29.42	172

1300001027630	Fitzroy River 276.3km from mouth of Fitzroy (Riverslea Crossing)	-23.5743	149.9350	4/12/2008	1.0		1.03												6.0	78.5	7.55							0.524		29.36	175	
1300012000012	Isaac River 2.4km from confluence MacKenzie River (Stream 0071 Site 000240)	-22.8581	149.3225	29/10/2008	0.2	3.7	0.452	1.4												7.4	92.0	7.56	1.7					0.227		26.7	5	
1300012000012	Isaac River 2.4km from confluence MacKenzie River (Stream 0071 Site 000240)	-22.8581	149.3225	29/10/2008	1.0		0.435													7.4	89.1	7.44						0.218		24.67	5	
1300012000012	Isaac River 2.4km from confluence MacKenzie River (Stream 0071 Site 000240)	-22.8581	149.3225	29/10/2008	2.0		0.441													7.2	85.6	7.35						0.221		24.19	7	
1300012000012	Isaac River 2.4km from confluence MacKenzie River (Stream 0071 Site 000240)	-22.8581	149.3225	29/10/2008	3.0		0.415													0.7	7.7	6.53						0.208		21.95	10	
1300012000012	Isaac River 2.4km from confluence MacKenzie River (Stream 0071 Site 000240)	-22.8581	149.3225	29/10/2008	4.0		0.398													0.3	3.0	6.27						0.200		19.14	35	
1300012037000	Mackenzie River 370.0km from mouthof Fitzroy River (Coolmaringa)	-23.3299	149.5261	30/10/2008	0.2	6.1	1.34	0.75													9.4	116.2	8.28	2.1					0.681		26.11	9
1300012037000	Mackenzie River 370.0km from mouthof Fitzroy River (Coolmaringa)	-23.3299	149.5261	30/10/2008	1.0		1.32														10.2	123.2	8.33						0.672		24.74	10
1300012037000	Mackenzie River 370.0km from mouthof Fitzroy River (Coolmaringa)	-23.3299	149.5261	30/10/2008	2.0		1.33														9.3	111.5	8.1						0.680		24.43	12
1300012037000	Mackenzie River 370.0km from mouthof Fitzroy River (Coolmaringa)	-23.3299	149.5261	30/10/2008	3.0		1.32														4.0	47.8	7.41						0.675		23.7	17
1300012037000	Mackenzie River 370.0km from mouthof Fitzroy River (Coolmaringa)	-23.3299	149.5261	30/10/2008	4.0		1.32														1.4	16.3	7.14						0.674		22.7	19
1300012037000	Mackenzie River 370.0km from mouthof Fitzroy River (Coolmaringa)	-23.3299	149.5261	30/10/2008	5.0		1.31														0.4	5.0	7.1						0.670		22.44	36

1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	20/11/2008	1.0	1.18					8.3	110.4	8.62			0.601	30.08	13
1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	20/11/2008	2.0	1.17					8.2	108.9	8.62			0.596	29.93	13
1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	20/11/2008	3.0	1.17					5.6	72.2	8.17			0.597	28.14	18
1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	20/11/2008	4.0	1.20					0.5	6.0	7.4			0.609	24.76	21
1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	20/11/2008	5.0	1.23					0.3	3.1	7.2			0.625	22.28	54
1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	4/12/2008	0.2	0.363	0.03				4.9	65.6	6.73			0.182	31.03	655
1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	4/12/2008	1.0	0.356					4.5	57.2	6.33			0.178	27.34	691
1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	4/12/2008	2.0	0.355					4.4	55.9	6.19			0.178	27.28	685
1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	4/12/2008	3.0	0.355					4.3	54.8	6.14			0.178	27.19	697
1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	4/12/2008	4.0	0.354					4.3	54.3	6.13			0.177	27.18	692
1300012043000	Mackenzie River 430.0km from mouth of Fitzroy River (Tartus Weir)	-22.9544	149.4217	4/12/2008	5.0	0.354					4.3	54.1	6.13			0.177	27.16	701
1300012043640	MacKenzie River 436.4km from mouth of Fitzroy River (Tartus Weir)	-22.9023	149.4045	20/11/2008	0.2	1.14	0.8				9.0	117.5	8.52			0.581	28.99	12
1300012043640	MacKenzie River 436.4km from mouth of Fitzroy River (Tartus Weir)	-22.9023	149.4045	20/11/2008	1.0	1.15					9.1	117.4	8.47			0.584	28.58	12
1300012043640	MacKenzie River 436.4km from mouth of Fitzroy River (Tartus Weir)	-22.9023	149.4045	20/11/2008	2.0	1.15					8.2	103.5	8.3			0.583	27.48	15

1300012043640	MacKenzie River 436.4km from mouth of Fitzroy River (Tartus Weir)	-22.9023	149.4045	4/12/2008	7.0		0.393												0.197	27.58	678
1300012043640	MacKenzie River 436.4km from mouth of Fitzroy River (Tartus Weir)	-22.9023	149.4045	4/12/2008	8.0		0.393												0.197	27.57	670
1300012043640	MacKenzie River 436.4km from mouth of Fitzroy River (Tartus Weir)	-22.9023	149.4045	4/12/2008	9.0		0.394												0.198	27.55	721
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	20/11/2008	0.2	9.0	1.06	1											0.537	30.62	8
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	20/11/2008	1.0		1.06												0.536	29	9
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	20/11/2008	2.0		1.11												0.563	27.33	9
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	20/11/2008	3.0		1.11												0.566	26.14	10
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	20/11/2008	4.0		1.11												0.563	24.4	13
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	20/11/2008	5.0		1.15												0.587	22.55	13
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	20/11/2008	6.0		1.17												0.597	21.2	9
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	20/11/2008	6.5		1.16												0.591	20.78	9
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	4/12/2008	0.2		0.357	0.02											0.179	28.19	807
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	4/12/2008	1.0		0.358												0.179	28.24	793
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	4/12/2008	2.0		0.357												0.179	28.22	778

1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	4/12/2008	3.0		0.357					5.8	74.6	6.93			0.179	28.18	782
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	4/12/2008	4.0		0.358					5.8	74.5	6.93			0.179	28.19	778
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	4/12/2008	5.0		0.357					5.8	74.4	6.93			0.179	28.17	798
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	4/12/2008	6.0		0.357					5.8	74.3	6.93			0.179	28.16	786
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	4/12/2008	7.0		0.358					5.8	74.2	6.93			0.179	28.16	786
1300012044300	MacKenzie River 443.0km from mouth of Fitzroy River (Tartus Weir)	-22.8781	149.3504	4/12/2008	8.0		0.358					5.8	74.0	6.92			0.179	28.14	880
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	29/10/2008	0.2	11.9	1.17	0.55				8.8	108.0	7.78	2.7		0.596	25.82	10
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	29/10/2008	1.0		1.18					8.7	103.9	7.58			0.598	24.12	13
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	29/10/2008	2.0		1.16					8.2	96.9	7.44			0.591	23.45	14
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	29/10/2008	3.0		1.18					6.8	80.1	7.19			0.598	23.05	16
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	29/10/2008	4.0		1.17					5.6	65.6	7.1			0.597	22.72	16
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	29/10/2008	5.0		1.20					3.2	36.6	6.79			0.608	22.21	16
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	29/10/2008	6.0		1.23					1.1	13.1	6.65			0.627	21.66	14

1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	29/10/2008	7.0		1.27				0.4	4.1	6.63			0.647	20.59	7
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	29/10/2008	8.0		1.26				0.2	2.1	6.51			0.639	20.13	6
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	29/10/2008	9.0		1.33				0.1	1.5	6.36			0.680	19.3	21
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	19/11/2008	0.2	12.6	1.17	0.6			6.6	85.4	7.4	5.6		0.596	28.12	19
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	19/11/2008	1.0		1.17				4.5	55.4	6.97			0.595	26.35	25
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	19/11/2008	2.0		1.16				3.7	45.7	6.83			0.592	25.53	26
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	19/11/2008	3.0		1.16				3.4	41.1	6.8			0.591	25.18	23
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	19/11/2008	4.0		1.16				1.9	22.6	6.65			0.591	24.37	16
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	19/11/2008	5.0		1.17				0.5	6.4	6.42			0.593	23.24	10
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	19/11/2008	6.0		1.18				0.4	4.4	6.49			0.600	22.52	6
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	19/11/2008	7.0		1.19				0.3	2.9	6.46			0.607	22.13	5
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	19/11/2008	8.0		1.25				0.2	2.4	6.34			0.635	20.91	5

1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	3/12/2008	0.2	0.377	< 0.05											4.2	54.8	7.23							0.189		28.95	707	
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	3/12/2008	1.0	0.376													3.9	49.6	7.09							0.189		28	748
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	3/12/2008	2.0	0.366													3.8	47.9	7.06							0.184		27.84	722
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	3/12/2008	3.0	0.367													3.7	47.0	7.05							0.184		27.8	672
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	3/12/2008	4.0	0.360													3.6	46.3	7.03							0.181		27.73	740
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	3/12/2008	5.0	0.356													3.6	45.4	7.04							0.178		27.7	762
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	3/12/2008	6.0	0.354													3.5	44.9	7.03							0.177		27.68	769
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	3/12/2008	7.0	0.354													3.5	44.6	7.03							0.177		27.67	790
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	3/12/2008	8.0	0.351													3.5	44.2	7.02							0.176		27.62	799
1300012048920	Mackenzie River 489.2km from mouth of Fitzroy River (Bingegang Weir)	-23.0748	149.0332	3/12/2008	9.0	0.352													3.4	43.5	7.02							0.176		27.59	798
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	19/11/2008	0.2	1.18	0.6												7.9	103.7	8.3							0.601		29.42	10
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	19/11/2008	1.0	1.18													6.3	80.0	7.97							0.600		27.78	17

1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	19/11/2008	2.0	1.19					1.6	20.0	7.38			0.605	26.55	13
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	19/11/2008	3.0	1.15					0.5	6.0	7.18			0.586	24.91	8
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	19/11/2008	4.0	1.15					0.3	3.8	7.09			0.586	24.39	6
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	19/11/2008	5.0	1.16					0.3	3.1	6.97			0.588	23.54	4
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	19/11/2008	6.0	1.18					0.2	2.5	6.88			0.599	22.64	3
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	19/11/2008	7.0	1.19					0.2	2.2	6.82			0.604	22.15	3
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	19/11/2008	8.0	1.21					0.2	2.0	6.73			0.618	21.1	2
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	3/12/2008	0.2	0.460	0.05				4.7	60.2	7.18			0.231	28.18	468
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	3/12/2008	1.0	0.467					4.6	59.0	7.12			0.235	27.86	466
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	3/12/2008	10.0	0.478					4.6	58.6	7.12			0.240	27.73	469
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	3/12/2008	2.0	0.472					4.6	59.0	7.12			0.237	27.8	464
1300012049180	Mackenzie River 491.8km from mouth of Fitzroy River (Bingegang Weir)	-23.0840	149.0137	3/12/2008	3.0	0.475					4.6	59.0	7.12			0.239	27.78	459

1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	29/10/2008	6.0		1.20					0.2	2.4	7.05			0.613	21.35	10
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	29/10/2008	7.0		1.20					0.2	1.9	6.96			0.612	20.38	7
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	19/11/2008	0.2	19.0	1.19	0.6				8.6	115.4	8.56	2.0		0.605	30.54	11
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	19/11/2008	1.0		1.19					7.1	91.4	8.22			0.603	28.21	19
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	19/11/2008	2.0		1.19					3.6	46.0	7.64			0.605	27.36	16
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	19/11/2008	3.0		1.20					0.7	8.0	7.3			0.610	25.3	15
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	19/11/2008	4.0		1.18					0.3	3.8	7.14			0.601	23.85	16
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	19/11/2008	5.0		1.19					0.2	2.9	7.04			0.605	22.87	9
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	19/11/2008	6.0		1.20					0.2	2.6	6.95			0.612	21.9	6
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	19/11/2008	7.0		1.20					0.2	2.2	6.87			0.610	20.88	4
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	3/12/2008	0.2		0.574	0.1				5.8	73.2	7.06			0.289	27.45	286
1300012049450	Mackenzie River 494.5km from mouth of Fitzroy River (Bingegang Weir)	-23.0910	148.9858	3/12/2008	1.0		0.575					5.7	72.5	7.05			0.289	27.36	286

	(Bedford Weir)																			
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	28/10/2008	2.0		1.14				6.0	70.1	7.85				0.580	23.18	14	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	28/10/2008	3.0		1.15				5.3	61.5	7.74				0.586	23.02	13	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	28/10/2008	4.0		1.14				4.9	57.1	7.71				0.577	22.96	15	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	28/10/2008	5.0		1.15				2.0	22.9	7.22				0.586	22.41	12	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	28/10/2008	6.0		1.21				0.3	3.5	6.94				0.616	19.75	10	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	28/10/2008	7.0		1.26				0.2	2.1	6.83				0.639	18.3	7	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	28/10/2008	8.0		1.30				0.2	1.7	6.79				0.662	17.62	5	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	28/10/2008	9.0		1.28				0.2	2.3	6.75				0.653	16.91	7	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	0.2	13.5	1.12	0.6			4.7	57.9	8.1	3.9			0.569	26.31	16	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	1.0		1.12				4.5	55.4	8.08				0.569	26.34	20	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	10.0		1.32				0.1	1.4	7				0.671	16.87	2	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	11.0		1.34				0.1	1.3	6.99				0.685	16.76	3	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	12.0		1.34				0.1	1.3	7				0.685	16.74	3	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River	-23.3717	148.8379	18/11/2008	13.0		1.34				0.1	1.2	7.02				0.685	16.73	5	

	(Bedford Weir)																			
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	2.0	1.12					3.1	38.9	7.98				0.569	26.11	30	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	3.0	1.12					1.9	23.9	7.81				0.570	25.66	19	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	4.0	1.13					0.4	5.0	7.63				0.574	25.04	12	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	5.0	1.14					0.2	2.4	7.48				0.580	23.02	10	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	6.0	1.17					0.2	2.1	7.32				0.593	21.4	7	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	7.0	1.22					0.2	2.0	7.13				0.621	19.5	5	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	8.0	1.28					0.1	1.5	7.15				0.654	17.8	3	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	18/11/2008	9.0	1.30					0.1	1.5	7.03				0.661	17.28	3	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	0.2	0.345	0.05				5.4	71.0	7.54				0.173	30.1	569	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	1.0	0.314					3.2	40.3	7.16				0.157	26.6	611	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	10.0	1.33					0.2	1.7	6.84				0.677	17.46	9	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	11.0	1.33					0.2	1.6	6.81				0.679	17.25	11	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	2.0	0.300					2.5	30.8	7				0.150	26.05	633	
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River	-23.3717	148.8379	2/12/2008	3.0	0.327					1.8	22.0	6.92				0.164	25.47	651	

	(Bedford Weir)																			
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	4.0		0.443				1.4	16.6	6.91				0.222		24.74	498
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	5.0		0.584				1.0	12.3	6.89				0.294		24.04	361
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	6.0		0.738				0.5	6.3	6.94				0.373		23.48	220
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	7.0		1.19				0.3	3.0	7.04				0.605		21.35	37
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	8.0		1.27				0.2	2.1	6.96				0.649		19.04	17
1300012054900	Mackenzie River 549.0km from mouth of Fitzroy River (Bedford Weir)	-23.3717	148.8379	2/12/2008	9.0		1.32				0.2	1.8	6.87				0.671		17.81	12
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	28/10/2008	0.2	6.8	0.804	0.35			8.6	111.7	8.47	0.7			0.406		29.09	30
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	28/10/2008	1.0		0.805				10.5	128.9	8.51				0.407		25.8	29
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	28/10/2008	2.0		0.750				6.0	71.9	7.95				0.379		24.01	49
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	28/10/2008	3.0		0.509				3.5	40.4	7.05				0.256		22.96	103
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	28/10/2008	4.0		0.559				2.7	31.6	6.94				0.281		22.78	103
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	28/10/2008	5.0		0.710				1.7	19.9	6.97				0.358		22.68	80
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	28/10/2008	6.0		1.12				0.4	4.6	6.59				0.569		20.24	13
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River	-23.3615	148.7056	28/10/2008	7.0		1.16				0.2	2.3	6.48				0.592		19.42	10

	(Bedford Weir)																			
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	28/10/2008	8.0		1.18					0.2	1.9	6.43				0.598	19.37	12
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	18/11/2008	0.2	10.7	0.808	0.6				8.9	117.3	9.02	7.5			0.408	29.81	17
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	18/11/2008	1.0		0.808					9.3	119.8	9.02				0.408	28.63	18
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	18/11/2008	2.0		0.774					8.2	105.4	8.92				0.391	28.27	27
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	18/11/2008	3.0		0.400					2.8	34.8	7.8				0.201	26.2	98
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	18/11/2008	4.0		0.409					1.1	12.9	7.44				0.205	25.28	118
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	18/11/2008	5.0		0.557					0.4	4.9	7.26				0.280	23.79	45
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	18/11/2008	6.0		1.01					0.3	3.1	7.02				0.512	21.25	9
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	18/11/2008	7.0		1.13					0.2	2.6	6.85				0.572	20.2	5
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	2/12/2008	0.2		0.103	< 0.05				5.2	65.0	6.93				0.051	26.63	1000
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	2/12/2008	1.0		0.104					5.1	64.1	6.81				0.052	26.6	1000
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	2/12/2008	2.0		0.103					5.1	63.8	6.79				0.051	26.56	1000
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	2/12/2008	3.0		0.103					5.1	63.5	6.78				0.051	26.52	1000
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River	-23.3615	148.7056	2/12/2008	4.0		0.103					5.1	63.1	6.78				0.051	26.51	1000

	(Bedford Weir)																				
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	2/12/2008	5.0		0.103				5.0	62.8	6.79					0.051	26.51	1000	
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	2/12/2008	6.0		0.103				5.0	62.7	6.8					0.051	26.51	1000	
1300012057100	Mackenzie River 571.0km from mouth of Fitzroy River (Bedford Weir)	-23.3615	148.7056	2/12/2008	7.0		0.103				5.0	62.7	6.78					0.051	26.51	1000	
1300012059260	Mackenzie River 592.6km from mouth of Fitzroy River (Bedford Weir)	-23.4775	148.6448	28/10/2008	0.2	6.0	0.255	0.1			8.2	99.1	7.9	6.6				0.128	24.66	207	
1300012059260	Mackenzie River 592.6km from mouth of Fitzroy River (Bedford Weir)	-23.4775	148.6448	28/10/2008	1.0		0.253				8.3	99.2	7.86					0.127	24.53	211	
1300012059260	Mackenzie River 592.6km from mouth of Fitzroy River (Bedford Weir)	-23.4775	148.6448	18/11/2008	0.2	21.4	0.216	0.15			7.2	93.8	8.09	3.4				0.108	29.26	255	
1300012059260	Mackenzie River 592.6km from mouth of Fitzroy River (Bedford Weir)	-23.4775	148.6448	18/11/2008	1.0		0.216				7.2	92.4	8.05					0.108	28.54	260	
1300012059260	Mackenzie River 592.6km from mouth of Fitzroy River (Bedford Weir)	-23.4775	148.6448	2/12/2008	0.2		0.104	< 0.05			5.6	69.7	6.86					0.052	26.45	1000	
1300012059260	Mackenzie River 592.6km from mouth of Fitzroy River (Bedford Weir)	-23.4775	148.6448	2/12/2008	1.0		0.104				5.6	69.3	6.87					0.052	26.41	1000	
1300012059260	Mackenzie River 592.6km from mouth of Fitzroy River (Bedford Weir)	-23.4775	148.6448	2/12/2008	2.0		0.104				5.6	69.1	6.87					0.052	26.41	1000	
1300012059260	Mackenzie River 592.6km from mouth of Fitzroy River (Bedford Weir)	-23.4775	148.6448	2/12/2008	3.0		0.105				5.5	68.9	6.85					0.052	26.4	1000	
1300012059260	Mackenzie River 592.6km from mouth of Fitzroy River (Bedford Weir)	-23.4775	148.6448	2/12/2008	4.0		0.104				5.5	68.8	6.85					0.052	26.4	1000	
1300012060350	Mackenzie River 603.5km from mouth of Fitzroy River (Riley's Crossing)	-23.5381	148.5884	30/10/2008	0.2	3.7	0.236				7.1	86.8	7.21	2.8				0.118	25.7	222	
1300012060350	Mackenzie River 603.5km from mouth of	-23.5381	148.5884	19/11/2008	0.2	5.3	0.241	0.15			6.8	87.3	7.51	5.2				0.121	27.87	223	

	Fitzroy River (Riley's Crossing)																			
1300012060350	Mackenzie River 603.5km from mouth of Fitzroy River (Riley's Crossing)	-23.5381	148.5884	3/12/2008	0.2		0.112	< 0.05				6.4	80.6	6.94				0.056	27.12	> 1000
1300012060350	Mackenzie River 603.5km from mouth of Fitzroy River (Riley's Crossing)	-23.5381	148.5884	3/12/2008	1.0		0.113					6.4	80.3	6.91				0.056	27.13	> 1000
1300040001580	Dawson River 15.8km from confluence MacKenzie/Fitzroy R (Capricorn Hwy xing)	-23.7850	149.7621	30/10/2008	0.2	6.6	0.206					7.8	97.8	7.41	1.7			0.103	26.76	12
1300040001580	Dawson River 15.8km from confluence MacKenzie/Fitzroy R (Capricorn Hwy xing)	-23.7850	149.7621	30/10/2008	1.0		0.209					6.4	77.3	6.98				0.105	24.71	28
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitzroy R (Moura)	-24.5895	149.9024	20/11/2008	0.2	12.4	0.313	1				7.5	95.4	8.59	4.5			0.157	28.06	5
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitzroy R (Moura)	-24.5895	149.9024	20/11/2008	1.0		0.314					5.2	65.6	8.26				0.157	27.36	5
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitzroy R (Moura)	-24.5895	149.9024	20/11/2008	2.0		0.313					4.0	50.7	7.97				0.157	26.9	6
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitzroy R (Moura)	-24.5895	149.9024	20/11/2008	3.0		0.312					1.0	12.3	7.52				0.156	26.06	6
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitzroy R (Moura)	-24.5895	149.9024	20/11/2008	4.0		0.300					0.4	4.2	7				0.150	21.41	8
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitzroy R (Moura)	-24.5895	149.9024	20/11/2008	5.0		0.246					0.3	2.8	6.53				0.123	17.86	5
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitzroy R (Moura)	-24.5895	149.9024	20/11/2008	6.0		0.243					0.2	2.5	6.4				0.122	16.39	4
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitzroy R (Moura)	-24.5895	149.9024	20/11/2008	7.0		0.249					0.2	2.1	6.31				0.125	16.13	2
1300040015100	Dawson River 151.0km from	-24.5895	149.9024	20/11/2008	8.0		0.249					0.2	1.9	6.29				0.125	16.11	2

	confluence MacKenzie/Fitz roy R (Moura)																				
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitz roy R (Moura)	-24.5895	149.9024	4/12/2008	0.2		0.312	1.1				10.7	141.2	8.58				0.156		29.87	11
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitz roy R (Moura)	-24.5895	149.9024	4/12/2008	1.0		0.311					10.3	133.1	8.4				0.156		28.64	11
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitz roy R (Moura)	-24.5895	149.9024	4/12/2008	2.0		0.314					6.6	82.6	7.41				0.157		27	10
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitz roy R (Moura)	-24.5895	149.9024	4/12/2008	3.0		0.314					2.2	27.4	7.02				0.157		26.33	7
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitz roy R (Moura)	-24.5895	149.9024	4/12/2008	4.0		0.313					0.6	7.7	6.85				0.157		25.74	7
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitz roy R (Moura)	-24.5895	149.9024	4/12/2008	5.0		0.301					0.2	2.2	6.39				0.151		22.13	10
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitz roy R (Moura)	-24.5895	149.9024	4/12/2008	6.0		0.250					0.2	1.8	6.07				0.125		17.88	8
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitz roy R (Moura)	-24.5895	149.9024	4/12/2008	7.0		0.247					0.2	1.7	5.97				0.124		16.77	7
1300040015100	Dawson River 151.0km from confluence MacKenzie/Fitz roy R (Moura)	-24.5895	149.9024	4/12/2008	8.0		0.255					0.2	1.7	5.89				0.128		16.44	8
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	28/10/2008	0.2	11.5	0.209	0.4				6.8	81.2	7.13	6.8			0.105		24.49	27
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	28/10/2008	1.0		0.210					2.7	30.6	6.46				0.105		21.97	35
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	28/10/2008	2.0		0.211					0.8	8.7	6.29				0.106		21.55	35
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet	-23.6129	148.5521	28/10/2008	3.0		0.210					0.3	3.8	6.09				0.105		20.33	39

	Weir)																				
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	18/11/2008	0.2	11.7	0.195	0.3					6.0	77.7	7.79	3.1			0.097	28.31	52
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	18/11/2008	1.0		0.192						0.4	4.7	6.65				0.096	25.19	104
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	18/11/2008	2.0		0.184						0.3	3.0	6.34				0.092	23.26	279
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	18/11/2008	3.0		0.176						0.2	2.5	6.25				0.088	22.59	472
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	18/11/2008	4.0		0.173						0.2	2.0	6.23				0.086	22.18	556
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	2/12/2008	0.2		0.098	< 0.05					4.6	57.1	7.21				0.049	26.58	> 1000
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	2/12/2008	1.0		0.098						4.5	56.3	7.13				0.049	26.59	> 1000
1300069001120	Comet River 11.2km from confluence MacKenzie/No goa R (Comet Weir)	-23.6129	148.5521	2/12/2008	2.0		0.098						4.5	56.0	7.06				0.049	26.59	> 1000
1300070062480	Nogoa River 624.8km from mouth of Fitzroy River (Duck Ponds)	-23.4816	148.4735	28/10/2008	0.2	3.9	0.162	0.05					7.6	87.5	7.6	< 0.5			0.081	22.04	281
1300070062480	Nogoa River 624.8km from mouth of Fitzroy River (Duck Ponds)	-23.4816	148.4735	28/10/2008	1.0		0.164						7.6	87.6	7.45				0.082	22.04	278
1300070062480	Nogoa River 624.8km from mouth of Fitzroy River (Duck Ponds)	-23.4816	148.4735	19/11/2008	0.2	6.2	0.185	0.15					6.4	80.3	7.66	2.5			0.092	26.59	267
1300070062480	Nogoa River 624.8km from mouth of Fitzroy River (Duck Ponds)	-23.4816	148.4735	19/11/2008	0.8		0.185						6.5	80.7	7.65				0.092	26.59	270

Question on Notice No. 1886 - Appendix 3 – Key to Report

Site Code		Site Name	Site Code	Latitude	Longitude	Date (Week 1)	Datum	AMTD
COM531-000001	COM000001	Comet Weir @ wall 0.2km	COM531-000001	-23.61286	148.55205	28/10/2008	WGS84	001120
DAW531-000001	DAW000001	Dawson River Highway Crossing	DAW531-000001	-23.78499	149.76209	30/10/2008	WGS84	022750
FRE531-002000	FRE002000	Fitzroy River @ 20.0km downstream	FRE531-002000	-23.50745	150.70835	30/10/2008	WGS84	002000
FRE531-003960	FRE003960	Fitzroy River @ 39.6km downstream	FRE531-003960	-23.45867	150.62748	30/10/2008	WGS84	003960
FRE531-005730	FRE005730	Fitzroy River @ 57.3km downstream	FRE531-005730	-23.37511	150.51382	30/10/2008	WGS84	005730
FRU531-000001	FRU000001	Fitzroy Barrage @ wall 0.2km	FRU531-000001	-23.36016	150.49533	28/10/2008	WGS84	006000
FRU531-000002	FRU000002	Fitzroy Barrage @ 31.5km upstream	FRU531-000002	-23.25183	150.34827	28/10/2008	WGS84	009100
FRU531-000003	FRU000003	Fitzroy Barrage @ 56km upstream	FRU531-000003	-23.14044	150.31950	28/10/2008	WGS84	011470
FRU532-000004	FRU000004	Riverslea Crossing	FRU532-000004	-23.57428	149.93500	30/10/2008	WGS84	027630
FRU533-000007	FRU000007	Edan Bann Weir @ wall 0.2km	FRU533-000007	-23.08926	150.11311	29/10/2008	WGS84	014150
FRU533-000008	FRU000008	Eden Bann Weir @ 17km upstream	FRU533-000008	-23.05951	150.02756	29/10/2008	WGS84	015870
FRU533-000009	FRU000009	Eden Bann Weir @ 28.5km upstream	FRU533-000009	-23.06107	149.94220	29/10/2008	WGS84	016970
ISA533-000004	ISA000004	Yatton	ISA533-000004	-22.71753	149.18913	29/10/2008	WGS84	003180
MCK531-000001	MCK000001	Rileys Crossing	MCK531-000001	-23.53813	148.58844	30/10/2008	WGS84	60350
MKN505-000013	MKN000013	Coolmaringa	MKN505-000013	-23.32989	149.52607	30/10/2008	WGS84	037000
MKN532-000004	MKN000004	Bedford Weir @ wall 0.2km	MKN532-000004	-23.37172	148.83789	28/10/2008	WGS84	054900
MKN532-000005	MKN000005	Bedford Weir @ 22km upstream	MKN532-000005	-23.36148	148.70556	28/10/2008	WGS84	057100

MKN532-000006	MKN000006	Bedford Weir @ 43.6km upstream	MKN532-000006	-23.47753	148.64479	28/10/2008	WGS84	059260
MKN533-000007	MKN000007	Bingegang Weir @ wall 0.2km	MKN533-000007	-23.07480	149.03323	29/10/2008	WGS84	048920
MKN533-000009	MKN000009	Bingegang Weir @ 5.3km upstream	MKN533-000009	-23.09098	148.98579	29/10/2008	WGS84	050350
MKN534-000010	MKN000010	Tartus Weir @ wall 0.2km	MKN534-000010	-22.95439	149.42174	29/10/2008	WGS84	043000
MKN534-000012	MKN000012	Tartus Weir @ 18km upstream	MKN534-000012	-22.85805	149.32254	29/10/2008	WGS84	000240
NOG502-000004	NOG000004	Duckponds	NOG502-000004	-23.48163	148.47351	28/10/2008	WGS84	062500

Question on Notice No. 1886 - Appendix 3

Lab Reference	Package Number	Inorganics Lab Number	Client Reference	Client	Sample Description	Collected Date	Received Date	Sample	Dissolved Mercury	Dissolved Iron	Dissolved Silver	Dissolved Aluminium	Dissolved Arsenic	Dissolved Cadmium	Dissolved Chromium	Dissolved Copper	Dissolved Manganese	Dissolved Nickel	Dissolved Lead	Dissolved Selenium	Dissolved Uranium	Dissolved Zinc
									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
80804-1378	SSP0015071	08NA10717	COM531_00001	EPA - South East Region Brisbane	COM531-0001-000001 Dissolved*	28-Oct-08	06-Nov-08	Water	<0.0002	0.029	<0.001	0.053	0.0016	<0.0001	0.0002	0.007	0.009	0.0024	0.0007	<0.0001	0.0001	0.034
80804-1389	SSP0015071	08NA10718	DAW531_00001	EPA - South East Region Brisbane	DAW531-0001-000001 Dissolved*	30-Oct-08	06-Nov-08	Water	<0.0002	0.018	<0.001	0.201	0.0012	0.0002	0.0001	0.008	0.007	0.0011	0.0005	<0.0001	<0.0001	0.026
80804-1395	SSP0015071	08NA10719	FRE531_002000	EPA - South East Region Brisbane	FRE531-0001-002000 Dissolved*	30-Oct-08	06-Nov-08	Water	<0.0002	< 0.1	<0.02	0.03	0.0025	0.0004	0.0005	0.004	<0.002	0.0016	0.0012	0.0004	0.003	0.134
80804-1403	SSP0015071	08NA10720	FRE531_003960	EPA - South East Region Brisbane	FRE531-0001-003960 Dissolved*	30-Oct-08	06-Nov-08	Water	<0.0002	< 0.05	<0.01	0.034	0.0023	<0.0001	0.0005	0.007	0.003	0.0017	0.0021	0.0032	0.0022	0.063
80804-1414	SSP0015071	08NA10721	FRE531_005730	EPA - South East Region Brisbane	FRE531-0001-005730 Dissolved*	30-Oct-08	06-Nov-08	Water	<0.0002	< 0.05	<0.01	0.051	0.0021	<0.0001	0.0006	0.005	0.09	0.0017	0.0014	0.0022	0.0013	0.023
80804-1420	SSP0015071	08NA10722	FRU531_00001	EPA - South East Region Brisbane	FRU531-0001-000001 Dissolved*	28-Oct-08	06-Nov-08	Water	<0.0002	< 0.005	<0.001	0.018	0.0011	0.0002	0.0002	0.002	<0.0001	0.0012	0.001	0.0014	0.0007	0.003
80804-1431	SSP0015071	08NA10723	FRU531_00002	EPA - South East Region Brisbane	FRU531-0001-000002 Dissolved*	28-Oct-08	06-Nov-08	Water	<0.0002	< 0.005	<0.001	0.042	0.0013	<0.0001	0.0002	0.002	0.001	0.0013	0.0013	0.0006	0.0004	0.001
80804-1442	SSP0015071	08NA10724	FRU531_00003	EPA - South East Region Brisbane	FRU531-0001-000003 Dissolved*	28-Oct-08	06-Nov-08	Water	<0.0002	0.007	<0.001	0.118	0.0011	<0.0001	0.0004	0.007	0.002	0.0017	0.0019	0.0003	0.0002	0.003
80804-1458	SSP0015071	08NA10725	FRU532_00004	EPA - South East Region Brisbane	FRU532-0001-000004 Dissolved*	30-Oct-08	06-Nov-08	Water	<0.0002	0.007	<0.001	0.006	0.0013	<0.0001	0.0001	0.002	0.016	0.0011	<0.0001	0.0008	0.0012	0.003
80804-1469	SSP0015071	08NA10726	FRU533_00007	EPA - South East Region Brisbane	FRU533-0001-000007 Dissolved*	29-Oct-08	06-Nov-08	Water	<0.0002	0.009	<0.001	0.012	0.0009	<0.0001	0.0004	0.002	<0.0001	0.0016	0.0027	0.0005	0.0004	0.002
80804-1475	SSP0015071	08NA10727	FRU533_00008	EPA - South East Region	FRU533-0001-000008 Dissolved	29-Oct-08	06-Nov-08	Water	<0.0002	< 0.005	<0.001	0.072	0.001	<0.0001	0.0002	0.004	0.001	0.0013	0.0015	0.0007	0.0007	0.002

80804-1932	SSP0015071	08NA10773	NOG502_00004	EPA - South East Region Brisbane	NOG502-0001-000004 Total*	28-Oct-08	06-Nov-08	Water	<0.0002	3.6	<0.001	3.18	0.0014	<0.0001	0.0031	0.005	0.058	0.005	0.0019	<0.0001	0.0002	0.009
80804-1943	SSP0015071	08NA10774	FRU581_00001	EPA - South East Region Brisbane	FRU581-0001-000001 Total*	28-Oct-08	06-Nov-08	Water	0.0019	0.12	<0.001	0.059	0.0022	0.0001	0.0008	0.003	0.887	0.0032	0.0027	0.001	0.0005	0.014
80804-1959	SSP0015071	08NA10775	FRU583_00007	EPA - South East Region Brisbane	FRU583-0001-000007 Total*	29-Oct-08	06-Nov-08	Water	0.0003	0.19	<0.001	0.117	0.0022	<0.0001	0.0008	0.002	0.783	0.0019	0.0009	0.0013	0.0007	0.001