

**FOR FURTHER INFORMATION
PLEASE CONTACT NR&M**

NORTH REGION

Ayr District Office

PO Box 591, Ayr 4807
Ph. (07) 4783 2099 Fax (07) 4783 3193

Mareeba District Office

PO Box 156, Mareeba 4880
Ph. (07) 4092 2555 Fax (07) 4092 3939

Innisfail District Office

PO Box 20, South Johnstone 4859
Ph. (07) 4064 3900 Fax (07) 4064 2249

CENTRAL WEST REGION

Mackay District Office

PO Box 63, Mackay 4740
Ph. (07) 4951 8962 Fax (07) 4951 4509

Rockhampton District Office

PO Box 736, Rockhampton 4700
Ph. (07) 4938 4600 Fax (07) 4938 4010

SOUTH EAST REGION

Moreton District Office

PO Box 2692, Brisbane 4001
Ph. (07) 3224 2937 Fax (07) 3224 2933

Bundaberg District Office

PO Box 1167, Bundaberg 4670
Ph. (07) 4153 7862 Fax (07) 4153 7896

SOUTH WEST REGION

Toowoomba District Office

PO Box 318, Toowoomba 4350
Ph. (07) 4688 1403 Fax (07) 4688 1188



WATER QUALITY NETWORK

SURFACE WATER AMBIENT NETWORK

2004

PARAMETERS ANALYSED FOR VARIOUS METHODS OF SAMPLING (Surface Water)

Jan 2004

AUTOMATIC SAMPLING

- Parameters include: Total Phosphorus (mg/L as P) (TP)
Total Nitrogen (mg/L as N) (TN)
- Note: When one litre samples are obtained, an analysis for general parameters should also be made (as for manual sampling).

SAMPLING USING HAND HELD EQUIPMENT

- Parameters include: Dissolved Oxygen
Conductivity @ 25°C
pH @ 25°C
Turbidity
Temperature

MUD SAMPLING

- Parameters include:
 - Silica
 - Total Nitrogen (TN)
 - Total Phosphorus (TP)
 - Pesticides - a suite relevant to the area
 - Metals - as for manual sampling
 - Other indicators (C)

MANUAL SAMPLING

- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------|------------------------------------|-----------|-------------------------------|----------------|------------------------------|---------|-----------------|--------|-----------------|-----------|----------------|--------|----|--------------|------------------------------|---|--|-----------------|----|----------------|----|------------------|---|--|----|--------------------------|---------------------------------|--|--|-------------------------------|--|-------------------------------------|---------------------|--|--|-------------------------------|--|--|----------------------------|--|------------------------|---|----------------------|---|-------------------------|---|------------------------|---------------|--------------------------|------|----------------------|---------------|----------------------|---|---------------------------|---|-------------------------|---|---|---|------------------|------------------|--|--|--------|---|--------------------|------------------------------------|---|--------------------------|-------------------|--|--|--------------------|--|--|-------------------|--|--|---------------------|---|-----------|------------------|--|--|------------------|---|-------------------------|------|---|------------------|--|---|-------------|--|--|
| <ul style="list-style-type: none"> General parameters include: <table border="0" style="width: 100%; margin-left: 20px;"> <tr><td>Cond 25°C μS/cm</td><td>Mg⁺⁺</td></tr> <tr><td>pH @ 23°C</td><td>HCO₃⁻</td></tr> <tr><td>Total Hardness</td><td>CO₃⁻</td></tr> <tr><td>T. ALK.</td><td>OH⁻</td></tr> <tr><td>Colour</td><td>Cl⁻</td></tr> <tr><td>Turbidity</td><td>F⁻</td></tr> <tr><td>Silica</td><td>Zn</td></tr> <tr><td>T Dis solids</td><td>NO₃⁻</td></tr> <tr><td>T Dis Ions SO₄⁻</td><td></td></tr> <tr><td>Na⁺</td><td>Fe</td></tr> <tr><td>K⁺</td><td>Al</td></tr> <tr><td>Ca⁺⁺</td><td>B</td></tr> <tr><td></td><td>Cu</td></tr> </table> Nutrient parameters include: <table border="0" style="width: 100%; margin-left: 20px;"> <tr><td>Nutrients (Unfiltered) U</td><td>Total Phosphorus (mg/L as P) TP</td><td></td></tr> <tr><td></td><td>Total Nitrogen (mg/L as N) TN</td><td></td></tr> <tr><td>Nutrients (Filtered) F (See Note 5)</td><td>Ammonia (mg/L as N)</td><td></td></tr> <tr><td></td><td>Oxidised Nitrogen (mg/L as N)</td><td></td></tr> <tr><td></td><td>Orthophosphate (mg/L as P)</td><td></td></tr> </table> Chlorophyll 'a' Metals include: <table border="0" style="width: 100%; margin-left: 20px;"> <tr><td>Copper (μg/L Cu)</td><td>}</td></tr> <tr><td>Lead (μg/L Pb)</td><td>}</td></tr> <tr><td>Cadmium (μg/L Cd)</td><td>}</td></tr> <tr><td>Nickel (μg/L Ni)</td><td>}Total Metals</td></tr> <tr><td>Chromium (μg/L Cr)</td><td>}TM3</td></tr> <tr><td>Zinc (μg/L Zn)</td><td>}(Unfiltered)</td></tr> <tr><td>Iron (μg/L Fe)</td><td>}</td></tr> <tr><td>Manganese (μg/L Mn)</td><td>}</td></tr> <tr><td>Arsenic (μg/L As)</td><td>}</td></tr> </table> | Cond 25°C μ S/cm | Mg ⁺⁺ | pH @ 23°C | HCO ₃ ⁻ | Total Hardness | CO ₃ ⁻ | T. ALK. | OH ⁻ | Colour | Cl ⁻ | Turbidity | F ⁻ | Silica | Zn | T Dis solids | NO ₃ ⁻ | T Dis Ions SO ₄ ⁻ | | Na ⁺ | Fe | K ⁺ | Al | Ca ⁺⁺ | B | | Cu | Nutrients (Unfiltered) U | Total Phosphorus (mg/L as P) TP | | | Total Nitrogen (mg/L as N) TN | | Nutrients (Filtered) F (See Note 5) | Ammonia (mg/L as N) | | | Oxidised Nitrogen (mg/L as N) | | | Orthophosphate (mg/L as P) | | Copper (μ g/L Cu) | } | Lead (μ g/L Pb) | } | Cadmium (μ g/L Cd) | } | Nickel (μ g/L Ni) | }Total Metals | Chromium (μ g/L Cr) | }TM3 | Zinc (μ g/L Zn) | }(Unfiltered) | Iron (μ g/L Fe) | } | Manganese (μ g/L Mn) | } | Arsenic (μ g/L As) | } | <ul style="list-style-type: none"> Parameters requiring special analysis <table border="0" style="width: 100%; margin-left: 20px;"> <tr><td>A</td><td>Bacteria include</td><td>Faecal Coliforms</td></tr> <tr><td></td><td></td><td>E coli</td></tr> <tr><td>B</td><td>Pesticides include</td><td>A suite relevant to the local area</td></tr> <tr><td>C</td><td>Other indicators include</td><td>Cyanide μg/L</td></tr> <tr><td></td><td></td><td>Selenium μg/L</td></tr> <tr><td></td><td></td><td>Mercury μg/L</td></tr> <tr><td></td><td></td><td>Aluminium μg/L</td></tr> <tr><td>D</td><td>Radiation</td><td>Gross β Be</td></tr> <tr><td></td><td></td><td>Gross β Be</td></tr> <tr><td>E</td><td>Methylene (blue active)</td><td>mg/L</td></tr> <tr><td>F</td><td>Blue Green Algae</td><td></td></tr> <tr><td>G</td><td>Secchi Disk</td><td></td></tr> </table> | A | Bacteria include | Faecal Coliforms | | | E coli | B | Pesticides include | A suite relevant to the local area | C | Other indicators include | Cyanide μ g/L | | | Selenium μ g/L | | | Mercury μ g/L | | | Aluminium μ g/L | D | Radiation | Gross β Be | | | Gross β Be | E | Methylene (blue active) | mg/L | F | Blue Green Algae | | G | Secchi Disk | | |
| Cond 25°C μ S/cm | Mg ⁺⁺ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH @ 23°C | HCO ₃ ⁻ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Hardness | CO ₃ ⁻ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T. ALK. | OH ⁻ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colour | Cl ⁻ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Turbidity | F ⁻ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Silica | Zn | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T Dis solids | NO ₃ ⁻ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T Dis Ions SO ₄ ⁻ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Na ⁺ | Fe | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K ⁺ | Al | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ca ⁺⁺ | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Cu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nutrients (Unfiltered) U | Total Phosphorus (mg/L as P) TP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total Nitrogen (mg/L as N) TN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nutrients (Filtered) F (See Note 5) | Ammonia (mg/L as N) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Oxidised Nitrogen (mg/L as N) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Orthophosphate (mg/L as P) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Copper (μ g/L Cu) | } | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lead (μ g/L Pb) | } | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cadmium (μ g/L Cd) | } | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nickel (μ g/L Ni) | }Total Metals | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chromium (μ g/L Cr) | }TM3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zinc (μ g/L Zn) | }(Unfiltered) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iron (μ g/L Fe) | } | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manganese (μ g/L Mn) | } | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arsenic (μ g/L As) | } | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Bacteria include | Faecal Coliforms | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | E coli | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | Pesticides include | A suite relevant to the local area | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | Other indicators include | Cyanide μ g/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Selenium μ g/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Mercury μ g/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Aluminium μ g/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | Radiation | Gross β Be | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Gross β Be | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | Methylene (blue active) | mg/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | Blue Green Algae | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | Secchi Disk | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NOTES

- (1) Class of Water Quality Station
P = primary
S = secondary
- (2) Status of Station
E = existing continuous measurement
P = proposed continuous measurement
- (3) Frequency denotes number of visits per year.

4 means
3 maintenance visits
1 event visit

3 means
3 maintenance visits
- (4) Automatic sampling is for total P (TP), total N (TN) and general parameters only.
- (5) U in nutrient samples means an unfiltered sample is taken and F means a filtered sample is to be taken.

**NR&M WATER PLANNING
AMBIENT WATER QUALITY NETWORK
STREAMFLOW MONITORING PROGRAM**

DISTRICT MAREEBA

STN IDENT (GS NO.)	LOCATION	CLASS OF STN	STATUS	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																	REMARKS			
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING											MEASUREMENT BY HAND		MUD SAMPLING		
					Cond/Temp	pH	Turb'y	(4)	Freq (3)	General Parameters	Freq (3)	Nutrients (5)	Freq (3)	Metals	Freq (3)	Chlorophyll "a"	Freq (3)	Para's Requiring Special Analysis	Freq (3)		Freq (3)			Freq (3)	
107003A	Annan River @ Main Road	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3					
108002A	Daintree River @ Bairds	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4					A	Once only*	Yes	4			*After wet season	
108003A	Bloomfield River @ China Camp	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3	Yes	Once only*			
108008A	Whyanbeel Creek @ Little Falls	S	E	5 yr	Yes					Yes	3	Yes (U)	3					A	Once only*	Yes	3				
109001A	Mossman River @ Mossman	S	E	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4					
110001D	Barron River @ Myola	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4					A	1+	Yes	4	Yes	Once only*	+ For 3 years	
110003A	Barron River @ Picnic Crossing	P	E	Ongoing	Yes	Yes		Yes	3	Yes	4	Yes (U, F)	4						Yes	4					
112003A	North Johnstone River @ Glen Allyn	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3					
116004C	Herbert River @ Glen Eagle	P	E	Ongoing	Yes	Yes				Yes	3	Yes (U)	3	Yes	1				Yes	3					
116013A	Millstream @ Archer Creek	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4						Yes	4					
116014A	Wild River @ Silver Valley	S	E	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4					
916001B	Norman River @ Glenore Weir	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3					
917001D	Gilbert River @ Rockfields	S		5 yr						Yes	3	Yes (U)	3						Yes	3					
917106A	Einasleigh River @ Einasleigh	P	E	Ongoing	Yes					Yes	3	Yes (U)	3						Yes	3					
919005A	Rifle Creek @ Font Hills	S	E	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4					
919009A	Mitchell River @ Koolatah	P	E	Ongoing	Yes					Yes	3	Yes (U, F)	3						Yes	3					
919201A	Palmer River @ Goldfields	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3					
919311A	Walsh River @ Flatrock	P	E	Ongoing	Yes					Yes	4	Yes (U, F)							Yes	4					
922101B	Coen River @ Old Racecourse	S		5 yr						Yes	3	Yes (U)	3						Yes	3					
925001A	Wenlock River @ Moreton	S		5 yr						Yes	3	Yes (U)	3						Yes	3					
927001B	Jardine River @ Monument	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3					

**NR&M WATER PLANNING
AMBIENT WATER QUALITY NETWORK
STREAMFLOW MONITORING PROGRAM**

DISTRICT INNISFAIL

STN IDENT (GS NO.)	LOCATION	CLASS OF STN	STATUS	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)															REMARKS				
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING											MEASUREMENT BY HAND		MUD SAMPLING	
					Cond/Temp	pH	Turb'y		Freq	General Parameters	Freq	Nutrients	Freq	Metals	Freq	Chlorophyll "a"	Freq	Para's Requiring Special Analysis	Freq			Freq		Freq
(1)	(2)	(4)	(3)	(3)	(3)	(5)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)						
111007A	Mulgrave River @ Peets Bridge	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4					A	Once only*	Yes	4			
111101D	Russell River @ Bucklands	S	E	5 yr	Yes					Yes	4	Yes (U)	4							Yes	4			
112002A	Fishers Creek @ Nerada	S	P	5 yr	Yes					Yes	3	Yes (U)	3							Yes	3			
112004A	Nth. Johnstone River @ Tung Oil	P	P	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4							Yes	4			
112101B	S. Johnstone @ Upstream Central Mill	S	P	5 yr	Yes					Yes	3	Yes (U)	3							Yes	3			
113006A	Tully River @ Euramo	S	E	5 yr	Yes					Yes	4	Yes (U)	4							Yes	4			
114001A	Murray River @ Upper Murray	S	E	5 yr	Yes					Yes	3	Yes (U)	3							Yes	3			

**NR&M WATER PLANNING
AMBIENT WATER QUALITY NETWORK
STREAMFLOW MONITORING PROGRAM**

DISTRICT AYR

STN IDENT (GS NO.)	LOCATION	CLASS OF STN	STATUS	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																	REMARKS		
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING										MEASUREMENT BY HAND			MUD SAMPLING	
					Cond/Temp	Ph	Turb'y		Freq	General Parameters	Freq	Nutrients	Freq	Metals	Freq	Chlorophyll "a"	Freq	Para's Requiring Special Analysis	Freq		Freq			Freq
(1)	(2)	(4)	(3)	(3)	(3)	(5)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)						
116001E	Herbert River @ Ingham	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4				
116017A	Stone River @ Running Creek	S	E	Ongoing	Yes	Yes				Yes	4	Yes (U)	4						Yes	4				
117003A	Bluewater Creek @ Bluewater	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3				A	Once only*	Yes	3				
118003A	Bohle River @ Herveys Range Road	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				
119003A	Haughton River @ Powerline	P	E	Ongoing	Yes	Yes				Yes	3	Yes (U, F)	3						Yes	3				
119101A	Barratta Creek @ Northcote	P	E	Ongoing	Yes	Yes				Yes	3	Yes (U, F)	3						Yes	3				
120002C	Burdekin River @ Sellheim Recorder	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4	Yes	Once only*	*After wet season	
120006B	Burdekin River @ Clare	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4				
120015A	Burdekin River @ Hydro Site	S	E	5 yr	Yes	Yes				Yes	4	Yes (U)	4						Yes	4				
120106B	Basalt River @ Bluff Downs	S		5 yr						Yes	3	Yes (U)	3						Yes	3				
120110A	Burdekin River @ Mt. Fullstop	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3	Yes	Once only*		
120121A	Burdekin River @ Lake Lucy Damsite	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
120219A	Bowen River @ Redhill Ck Junction	P	E	Ongoing	Yes	Yes				Yes	3	Yes (U, F)	3						Yes	3				
120220A	Pelican Creek @ Kerale	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				
120299A	Bowen River @ Pump Station	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
120301B	Belyando River @ Gregory Dev. Road	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
120302B	Cape River @ Inland Highway	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
120303A	Suttor River @ St. Anns	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3	Yes	Once only*		
121002A	Elliot River @ Guthalungra	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
121003A	Don River @ Reeves	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
121004A	Euri Creek @ Koonandah	S		5 yr						Yes	3	Yes (U)	3						Yes	3				
912105A	Gregory River @ Riversleigh	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				
913006A	Gunpowder Creek @ Gunpowder	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
913014A	Leichhardt River @ Doughboy Creek	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
915008A	Flinders River @ Richmond	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
915011A	Porcupine Creek @ Mt Emu Plains	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				

**NR&M WATER PLANNING
 AMBIENT WATER QUALITY NETWORK
 STREAMFLOW MONITORING PROGRAM**

DISTRICT AYR

STN IDENT (GS NO.)	LOCATION	CLASS OF STN (1)	STATUS (2)	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																REMARKS		
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING									MEASUREMENT BY HAND			MUD SAMPLING	
					Cond/Temp	Ph	Turb'y	(4)	Freq (3)	General Parameters	Freq (3)	Nutrients (5)	Freq (3)	Metals	Freq (3)	Chlorophyll "a"	Freq (3)	Para's Requiring Special Analysis	Freq (3)			Freq (3)	
915203B	Cloncurry River @ Cloncurry	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3			
915206A	Dugald River @ Railway Crossing	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3			
915208A	Julia Creek @ Julia Creek	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3			

**NR&M WATER PLANNING
AMBIENT WATER QUALITY NETWORK
STREAMFLOW MONITORING PROGRAM**

DISTRICT MACKAY

STN IDENT (GS NO.)	LOCATION	CLASS OF STN	STATUS	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																REMARKS			
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING										MEASUREMENT BY HAND		MUD SAMPLING		
					Cond/Temp	pH	Turb'y		Freq	General Parameters	Freq	Nutrients	Freq	Metals	Freq	Chlorophyll "a"	Freq	Para's Requiring Special Analysis	Freq			Freq		Freq
(1)	(2)		(4)	(3)		(3)	(5)	(3)		(3)		(3)		(3)		(3)		(3)	(3)					
120216A	Broken River @ Old Racecourse	S		5 yr						Yes	3	Yes (U, F)	3						Yes	3				
122005A	Proserpine River @ Proserpine	P	E	Ongoing	Yes	Yes		Yes	3	Yes	3	Yes (U, F)	4						Yes	4				
124001A	O'Connell River @ Caping Siding	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				
125005A	Blacks Creek @ Whitefords	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4	Yes	Once only	Yes	4	A, B & D	Once only*	Yes	4	Yes	Once only*	After wet season
125006A	Finch Hatton Creek @ Dam Site	S	E	5 yr	Yes	Yes		Yes	3	Yes	3	Yes (U)	3						Yes	3	Yes	Once only*		
125013A	Pioneer River @ Dumbleton Pump Station	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4	Yes	4	Yes	4	A & B	As Req'd	Yes	12	Yes	Once only*	
126001A	Sandy Creek @ Homebush	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4				

NR&M WATER PLANNING
 AMBIENT WATER QUALITY NETWORK
 STREAMFLOW MONITORING PROGRAM

DISTRICT ROCKHAMPTON

STN IDENT (GS NO.)	LOCATION	CLASS OF STN (1)	STATUS (2)	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																	REMARKS		
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING										MEASUREMENT BY HAND			MUD SAMPLING	
					Cond/Temp	pH	Turb'y	(4)	Freq (3)	General Parameters	Freq (3)	Nutrients (5)	Freq (3)	Metals	Freq (3)	Chlorophyll "a"	Freq (3)	Para's Requiring Special Analysis	Freq (3)		Freq (3)			Freq (3)
003202A	Thompson River @ Longreach	P	E	Ongoing	Yes	Yes				Yes	3	Yes (U)	3						Yes	3			Local staff to sample in wet season	
003303A	Barcoo River @ Blackall	S		5 yr						Yes	3	Yes (U)	3						Yes	3				
120305A	Native Companion Creek @ Violet Grove	S	E	5 yr	Yes					Yes	3	Yes (U, F)	3						Yes	3				
129001A	Waterpark Creek @ Byfield	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3	Yes	Once only*	* After wet season	
130004A	Raglan Creek @ Old Station	S	E	5 yr	Yes	Yes				Yes	4	Yes (U)	4						Yes	4				
130005A	Fitzroy River @ The Gap	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4	Yes	Once only*		
130105A	Mackenzie River @ Coolmaringa	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4				A	Once only	Yes	4	Yes	Once only*		
130206A	Theresa Creek @ Gregory Highway	S	E	5 yr	Yes	Yes				Yes	3	Yes (U, F)	3				B	3+	Yes	3			+ During growing season	
130207A	Sandy Creek @ Clermont	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3	Yes	Once only*		
130209A	Nogoa River @ Craigmore	E	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4			Yes	4	A	Once only	Yes	4	Yes	Once only*	
130210A	Theresa Creek @ Valeria	S	E	5 yr	Yes					Yes	4	Yes (U, F)	4						Yes	4	Yes	Once only*		
130219A	Nogoa River @ Duckpond	P	E	Ongoing	Yes	Yes		Yes	3	Yes	3	Yes (U, F)	3				B	3+	Yes	3			+ During growing season	
130302A	Dawson River @ Taroom	S	E	5 yr	Yes					Yes	4	Yes (U, F)	4						Yes	4				
130306B	Don River @ Rannes Recorder	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4			Yes	4		Yes	4	Yes	Once only*		
130317B	Dawson River @ Woodleigh	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				
130319A	Bell Creek @ Craiglands	S	E	5 yr	Yes					Yes	4	Yes (U)	4				A	Once only	Yes	4	Yes	Once only*		
130322A	Dawson River @ Beckers	S	E	5 yr	Yes					Yes	4	Yes (U, F)	4						Yes	4				
130324A	Dawson River @ Utopia Downs	S	E	5 yr	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4				
130327A	Callide Creek @ Goovigen	P	E	5 yr	Yes					Yes	4	Yes (U, F)	4		Yes	4	A	Once only	Yes	4	Yes	Once only*		
130334A	South Kariboe Creek @ Pump Station	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
130335A	Dee River @ Wura	S	E	5 yr	Yes	Yes				Yes	4	Yes (U)	4						Yes	4	Yes	Once only*		

**NR&M WATER PLANNING
AMBIENT WATER QUALITY NETWORK
STREAMFLOW MONITORING PROGRAM**

DISTRICT ROCKHAMPTON

STN IDENT (GS NO.)	LOCATION	CLASS OF STN (1)	STATUS (2)	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																REMARKS			
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING										MEASUREMENT BY HAND		MUD SAMPLING		
					Cond/Temp	PH	Turb'y		Freq	General Parameters	Freq	Nutrients	Freq	Metals	Freq	Chlorophyll "a"	Freq	Para's Requiring Special Analysis	Freq			Freq		Freq
			(4)	(3)		(3)	(5)	(3)		(3)		(3)		(3)		(3)		(3)		(3)				
130336A	Grevillea Creek @ Folding Hills	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
130344A	Juandah Creek @ Windamere	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
130348A	Prospect Creek @ Red Hills	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
130401A	Isaac River @ Yatton	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4				
130404A	Connors River @ Pink Lagoon	S	E	5 yr	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4				
130414A	Isaac River @ Goonyella	S	P	5 yr	Yes	Yes				Yes	4	Yes (U)	4						Yes	4	Yes	Once only*		
130502B	Brown River @ Lake Brown	S	E	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4				
130504B	Comet River @ Comet Weir	P	E	Ongoing	Yes	Yes		Yes	3	Yes	4	Yes (U, F)	4			Yes	4	A	Once only	Yes	4	Yes	Once only*	
132001A	Calliope River @ Castlehope	S	E	5 yr	Yes	Yes				Yes	4	Yes (U)	4						Yes	4				
133004A	Boyne River @ Milton	S	E	5 yr	Yes	Yes				Yes	4	Yes (U)	4						Yes	4				

**NR&M WATER PLANNING
AMBIENT WATER QUALITY NETWORK
STREAMFLOW MONITORING PROGRAM**

DISTRICT BUNDABERG

STN IDENT (GS NO.)	LOCATION	CLASS OF STN (1)	STATUS (2)	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																REMARKS			
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING										MEASUREMENT BY HAND		MUD SAMPLING		
					Cond/Temp	pH	Turb'y	(4)	Freq (3)	General Parameters	Freq (3)	Nutrients (5)	Freq (3)	Metals	Freq (3)	Chlorophyll "a"	Freq (3)	Para's Requiring Special Analysis	Freq (3)			Freq (3)		Freq (3)
134001B	Baffle Creek @ Mimdale	S	P	5 yr	Yes					Yes	3	Yes (U)	3							Yes	3			
135002A	Kolan River @ Springfield	S	P	5 yr	Yes	Yes				Yes	3	Yes (U)	3							Yes	3			
135004A	Gin Gin Creek @ Damsite	S	P	5 yr	Yes					Yes	3	Yes (U)	3							Yes	3			
136006A	Reid Creek @ Dam Site	S		5 yr						Yes	3	Yes (U)	3							Yes	3			
136007A	Burnett River @ Fig Tree Creek	S	E	5 yr	Yes					Yes	4	Yes (U)	4							Yes	4			
136017B	Burnett River @ Gayndah Flume	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4					A	Once only	Yes	4	Yes	Once only*	After wet season
136101C	Three Moon Creek @ Abercorn	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3							Yes	3			
136106A	Burnett River @ Eidsvold	S	P	5 yr	Yes					Yes	4	Yes (U)	4							Yes	4			
136112A	Burnett River @ Yarrol	S	P	5 yr	Yes					Yes	3	Yes (U)	3							Yes	3			
136203A	Barker Creek @ Brooklands	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3							Yes	3			
136207A	Barambah Creek @ Ban Ban	S	E	5 yr	Yes					Yes	3	Yes (U)	3							Yes	3	Yes	Once only*	
136208A	Boonara Creek @ Ettiewyn	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3			Yes	3			Yes	3			
136209A	Barker Creek @ Glenmore	P	E	Ongoing	Yes	Yes				Yes	3	Yes (U, F)	3							Yes	3			
136213A	Barambah Creek @ West Barambah	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3							Yes	3			
136304A	Stuart River @ Proston	S	P	5 yr	Yes	Yes				Yes	3	Yes (U)	3							Yes	3			
136305A	Auburn River @ Glenwood No. 2	S	E	5 yr	Yes	Yes				Yes	4	Yes (U)	4							Yes	4	Yes	Once only*	
136315A	Boyne River @ Carters	S		5 yr						Yes	3	Yes (U)	3							Yes	3			
136319A	Boyne River @ Cooranga	S		5 yr						Yes	3	Yes (U)	3							Yes	3			
137001B	Elliott River @ Elliott	S	E	5 yr	Yes					Yes	3	Yes (U)	3							Yes	3			

**NR&M WATER PLANNING
AMBIENT WATER QUALITY NETWORK
STREAMFLOW MONITORING PROGRAM**

DISTRICT GYMPIE

STN IDENT (GS NO.)	LOCATION	CLASS OF STN (1)	STATUS (2)	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																REMARKS			
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING										MEASUREMENT BY HAND		MUD SAMPLING		
					Cond/Temp	pH	Turb'y	(4)	Freq (3)	General Parameters	Freq (3)	Nutrients (5)	Freq (3)	Metals (3)	Freq (3)	Chlorophyll "a"	Freq (3)	Para's Requiring Special Analysis	Freq (3)			Freq (3)		Freq (3)
138001A	Mary River @ Miva	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
138002C	Wide Bay Creek @ Brooyar	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3	Yes	Once only*	After wet season	
138003D	Glastonbury Creek @ Glastonbury	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
138004B	Munna Creek @ Marodian	S	E	5 yr	Yes					Yes	3	Yes (U)	3				A	Once Only	Yes	3				
138007A	Mary River @ Fisherman's Pocket	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4				A	Once Only	Yes	4	Yes	Once only*		
138010A	Wide Bay Creek @ Kilkivan	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4						Yes	4	Yes	Once only*		
138014A	Mary River @ Home Park	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4				A	Once Only	Yes	4	Yes	Once only*		
138102C	Amamoor Creek @ Zachariah	S	P	5 yr	Yes					Yes	4	Yes (U)	4				A	Once Only	Yes	4				
138107B	Six Mile Creek @ Cooran	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4	Yes	Once only*		
138110A	Mary River @ Bellbird Ck	S	P	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4				
138111A	Mary River @ Moy Pocket	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4						Yes	4	Yes	Once only*		
138113A	Kandanga Creek @ Hygait	S	P	5 yr	Yes					Yes	4	Yes (U)	4				A	Once Only	Yes	4				
138903A	Tinana Creek @ Bauple East	P	P	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4	Yes	Once only*		
140002A	Teewah Creek near Coops Corner	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
141009A	North Maroochy River @ Eumundi	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				

**NR&M WATER PLANNING
AMBIENT WATER QUALITY NETWORK
STREAMFLOW MONITORING PROGRAM**

DISTRICT BRISBANE

STN IDENT (GS NO.)	LOCATION	CLASS OF STN (1)	STATUS (2)	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																REMARKS			
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING										MEASUREMENT BY HAND		MUD SAMPLING		
					Cond/Temp	pH	Turb'y	(4)	Freq (3)	General Parameters	Freq (3)	Nutrients (5)	Freq (3)	Metals	Freq (3)	Chlorophyll "a"	Freq (3)	Para's Requiring Special Analysis	Freq (3)	Freq (3)		Freq (3)	Freq (3)	
142001A	Caboolture River @ Upper Caboolture	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				
142202A	South Pine River @ Drapers Crossing	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
143001C	Brisbane River @ Savage's Crossing	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U)	4						Yes	4	Yes	Once only*	After wet season	
143007A	Brisbane River @ Linville	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
143009A	Brisbane River @ Gregors Creek	S	E	5 yr	Yes		Yes			Yes	3	Yes (U)	3						Yes	3				
143010B	Emu Creek @ Boat Mountain	S	E	5 yr	Yes		Yes			Yes	3	Yes (U)	3						Yes	3				
143015B	Cooyar Creek @ Damsite	S	E	5 yr	Yes		Yes			Yes	3	Yes (U)	3						Yes	3				
143033A	Oxley Creek @ New Beith	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
143107A	Bremer River @ Walloon	S	E	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4				
143108A	Warrill Creek @ Amberley	S	E	5 yr	Yes	Yes				Yes	4	Yes (U)	4						Yes	4				
143113A	Purga Creek @ Loamside	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
143203C	Lockyer Creek @ Helidon	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4				A	1	Yes	4	Yes	Once only*		
143207A	Lockyer Creek @ O'Reilly's Weir	P	E	Ongoing	Yes	Yes		Yes	3	Yes	4	Yes (U, F)	4				A	1	Yes	4	Yes	Once only*		
143209B	Laidley Creek @ Mulgowie	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
143210B	Lockyer Creek @ Rifle Range Road	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4						Yes	4				
143212A	Tenthill Creek @ Tenthill Hotel	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4				A	1	Yes	4	Yes	Once only*		
143213C	Ma Ma Creek @ Harms	S	E	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4				
143229A	Laidley Creek @ Warrego Highway	P	E	Ongoing	Yes	Yes	Yes	Yes	3	Yes	4	Yes (U, F)	4				A	1	Yes	4	Yes	Once only*		
143233A	Flagstone Creek @ Brown-Zirbels Road	S	E	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4				
143921A	Cressbrook Creek @ Rosentreters	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				
144002A	Herring Lagoon @ South Station	S	E	5 yr	Yes	Yes				Yes	4	Yes (U)	4						Yes	4				
145008A	Logan River @ Round Mt.	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3				A	1	Yes	3			Also Davis Gelatine	
145010A	Running Creek @ 5.8 km	S	E	5 yr	Yes	Yes				Yes	4	Yes (U)	4						Yes	4				
145012A	Teviot Brook @ The Overflow	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4				A	1	Yes	4	Yes	Once only*		

**NR&M WATER PLANNING
AMBIENT WATER QUALITY NETWORK
STREAMFLOW MONITORING PROGRAM**

DISTRICT BRISBANE

STN IDENT (GS NO.)	LOCATION	CLASS OF STN (1)	STATUS (2)	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																	REMARKS		
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING										MEASUREMENT BY HAND			MUD SAMPLING	
					Cond/Temp	pH	Turb'y	(4)	Freq (3)	General Parameters	Freq (3)	Nutrients (5)	Freq (3)	Metals	Freq (3)	Chlorophyll "a"	Freq (3)	Para's Requiring Special Analysis	Freq (3)		Freq (3)			Freq (3)
145018A	Burnett Creek @ Upstream Maroon Dam	S	E	Ongoing	Yes	Yes				Yes	4	Yes (U)	4						Yes	4				
145020A	Logan River @ Rathdowney	S	P	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4				
145025A	Logan River @ D/S Bromelton Weir	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4					A	1	Yes	4	Yes	Once Only*	Replaces Yarrahappini
145102B	Albert River @ Bromfleet	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U)	4					A	1	Yes	4	Yes	Once only*	
146002B	Nerang River @ Glenhurst	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
146010A	Coomera River @ Army Camp	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
146012A	Currumbin Creek @ Nicholls Bridge	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				
146095A	Tallebudgera Creek @ Tallebudgera Creek Road	S	E	5 yr	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				

NR&M WATER PLANNING
 AMBIENT WATER QUALITY NETWORK
 STREAMFLOW MONITORING PROGRAM

DISTRICT TOOWOOMBA

STN IDENT (GS NO.)	LOCATION	CLASS OF STN	STATUS	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																REMARKS			
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING										MEASUREMENT BY HAND		MUD SAMPLING		
					Cond/Temp	pH	Turb'y		Freq	General Parameters	Freq	Nutrients	Freq	Metals	Freq	Chlorophyll "a"	Freq	Para's Requiring Special Analysis	Freq			Freq		Freq
(1)	(2)	(4)	(3)	(3)	(3)	(5)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)						
003103A	Cooper Creek @ Nappa Merrie	S	E	5 yr						Yes	3	Yes (U)	3						Yes	3				
011202A	Bulloo River @ Autumn Vale	S	E	5 yr						Yes	3	Yes (U)	3						Yes	3				
416202A	Weir River @ Talwood	P	E	Ongoing	Yes					Yes	4	Yes (U)	4						Yes	4				
416310A	Dumaresq River @ Farnbro	P	E	Ongoing	Yes					Yes	4	Yes (U)	4						Yes	4				
416317A	Broadwater Creek @ Dam Site	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
416415A	Macintyre River @ Booba Sands	P	E	Ongoing	Yes					Yes	4	Yes (U)	4						Yes	4				
417204A	Moonie River @ Fenton	P	E	Ongoing	Yes					Yes	4	Yes (U)	4						Yes	4				
422202B	Dogwood Creek @ Gilweir	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
422204A	Culgoa River @ Whyenbah	P	E	Ongoing	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				
422207A	Ballandool River @ Hebel Bollon Road	P	E	Ongoing	Yes					Yes	4	Yes (U)	4						Yes	4				
422209A	Bokara River @ Hebel	P	E	Ongoing	Yes					Yes	4	Yes (U)	4						Yes	4				
422210A	Bungil Creek @ Tabers	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
422211A	Briarie Creek @ Woolerbilla-Hebel Road	P	E	Ongoing	Yes					Yes	4	Yes (U)	4						Yes	4				
422213A	Condamine River @ Weribone	P	P	Ongoing	Yes	Yes				Yes	3	Yes (U)	3						Yes	3				
422306A	Swan Creek @ Swanfels	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
422308C	Condamine River @ Chinchilla	S	E	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4				
422310C	Condamine River @ Warwick	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4						Yes	4				
422313B	Emu Creek @ Emu Vale	S	E	5 yr	Yes					Yes	4	Yes (U)	4						Yes	4				
422316A	Condamine River @ Cecil Weir	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4				A	Once only	Yes	4	Yes	Once only*		
422319B	Dalrymple Creek @ Allora	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4				A	Once only	Yes	4	Yes	Once only*		
422323A	Condamine River @ Tummaville	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
422326A	Gowrie Creek @ Cranley	P	E	Ongoing	Yes					Yes	4	Yes (U)	4						Yes	4				
422332B	Gowrie Creek @ Oakley	P	E	Ongoing	Yes	Yes	Yes	Yes	3	Yes	4	Yes (U, F)	4				A, E	Once only	Yes	4	Yes	Once only*		
422333A	Condamine River @ Loudoun Bridge	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4				A, E	Once only	Yes	4	Yes	Once only*		
422334A	Kings Creek @ Aides Bridge	P	E	Ongoing	Yes					Yes	4	Yes (U, F)	4				A	Once only	Yes	4	Yes	Once only*		
422338A	Canal Creek @ Leyburn	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3	Yes	Once only*		
422345A	Nth Condamine River @ Lone Pine	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3	Yes	Once only*		
422350A	Oakey Creek @ Fairview	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				

**NR&M WATER PLANNING
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DISTRICT TOOWOOMBA

STN IDENT (GS NO.)	LOCATION	CLASS OF STN	STATUS	PERIOD FOR REVIEW	TYPE AND FREQUENCY OF MEASUREMENT (See Front Sheet)																REMARKS			
					CONTINUOUS MEASUREMENT			AUTOMATIC SAMPLING		MANUAL SAMPLING										MEASUREMENT BY HAND		MUD SAMPLING		
					Cond/Temp	pH	Turb'y		Freq	General Parameters	Freq	Nutrients	Freq	Metals	Freq	Chlorophyll "a"	Freq	Para's Requiring Special Analysis	Freq			Freq		Freq
(1)	(2)	(4)	(3)	(3)	(3)	(5)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)						
422352A	Hodgson Creek @ Clifton/Pittsworth	S	E	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
422355A	Condamine River @ Talgai Tailwater	P	E	Ongoing	Yes	Yes				Yes	4	Yes (U, F)	4				A	Once only	Yes	4				
422394A	Condamine River @ Elbow Valley Damsite	S	E	5 yr	Yes					Yes	3	Yes (U)	3				A	Once only	Yes	3	Yes	Once only*		
422401D	Maranoa River @ Mitchell	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
422404A	Maranoa River @ Old Cashmere	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
423202C	Warrego River @ Cunnamulla	S	P	5 yr	Yes					Yes	3	Yes (U)	3						Yes	3				
424201A	Paroo River @ Caiwarro	P	E	Ongoing	Yes					Yes	4	Yes (U)	4						Yes	4				