

Burdekin Haughton Water Supply Scheme

Manager's Report

June 2010

SCHEME REPORT – 17 JUNE 2010



120016 - Burdekin River at Burdekin Falls Dam. ^= Uncorrected telemetry data

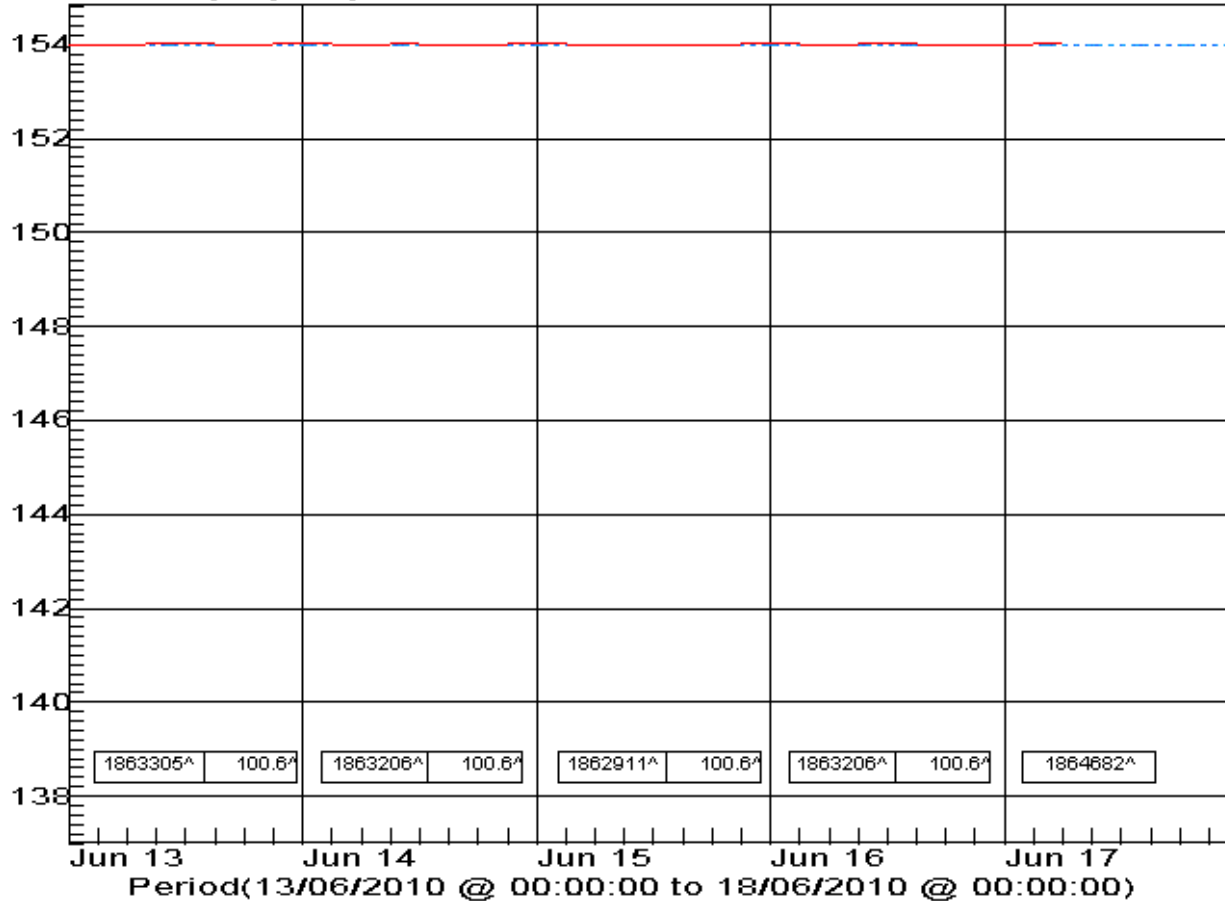
Capacity 100.7^%

24 hour change 0.1^% ; 2361^ML

Full Supply to water level 0.0^m

Plot created 17/06/2010 @ 09:35
 Last Poll 17/06/2010 @ 06:26:4
 Status 1=online; 0=off line 1

Full Supply - Level 154.0m AHD ; Capacity 1860000ML
 Gauge Height (m)
 mean daily Capacity ML / % @ 06:00 hrs



| Date | @ Time | GHT(m) | Flow (ML/day) |
|------------|------------|---------|---------------|
| 15/06/2010 | @ 02:00:00 | 154.02^ | 184.2^ |
| 15/06/2010 | @ 06:00:00 | 154.01^ | 86.3^ |
| 15/06/2010 | @ 10:00:00 | 154.01^ | 86.3^ |
| 15/06/2010 | @ 14:00:00 | 154.01^ | 86.3^ |
| 15/06/2010 | @ 18:00:00 | 154.01^ | 86.3^ |
| 15/06/2010 | @ 22:00:00 | 154.02^ | 184.2^ |
| 16/06/2010 | @ 02:00:00 | 154.02^ | 184.2^ |
| 16/06/2010 | @ 06:00:00 | 154.01^ | 86.3^ |
| 16/06/2010 | @ 10:00:00 | 154.02^ | 184.2^ |
| 16/06/2010 | @ 14:00:00 | 154.02^ | 184.2^ |
| 16/06/2010 | @ 18:00:00 | 154.01^ | 86.3^ |
| 16/06/2010 | @ 20:00:00 | 154.01^ | 86.3^ |
| 16/06/2010 | @ 22:00:00 | 154.01^ | 86.3^ |
| 17/06/2010 | @ 00:00:00 | 154.01^ | 86.3^ |
| 17/06/2010 | @ 02:00:00 | 154.01^ | 135.3^ |
| 17/06/2010 | @ 03:00:00 | 154.01^ | 159.7^ |
| 17/06/2010 | @ 04:00:00 | 154.02^ | 184.2^ |
| 17/06/2010 | @ 05:00:00 | 154.02^ | 208.6^ |
| 17/06/2010 | @ 06:00:00 | 154.02^ | 233.1^ |

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120012 - Burdekin R at Clare Weir HW. ^= Uncorrected telemetry data

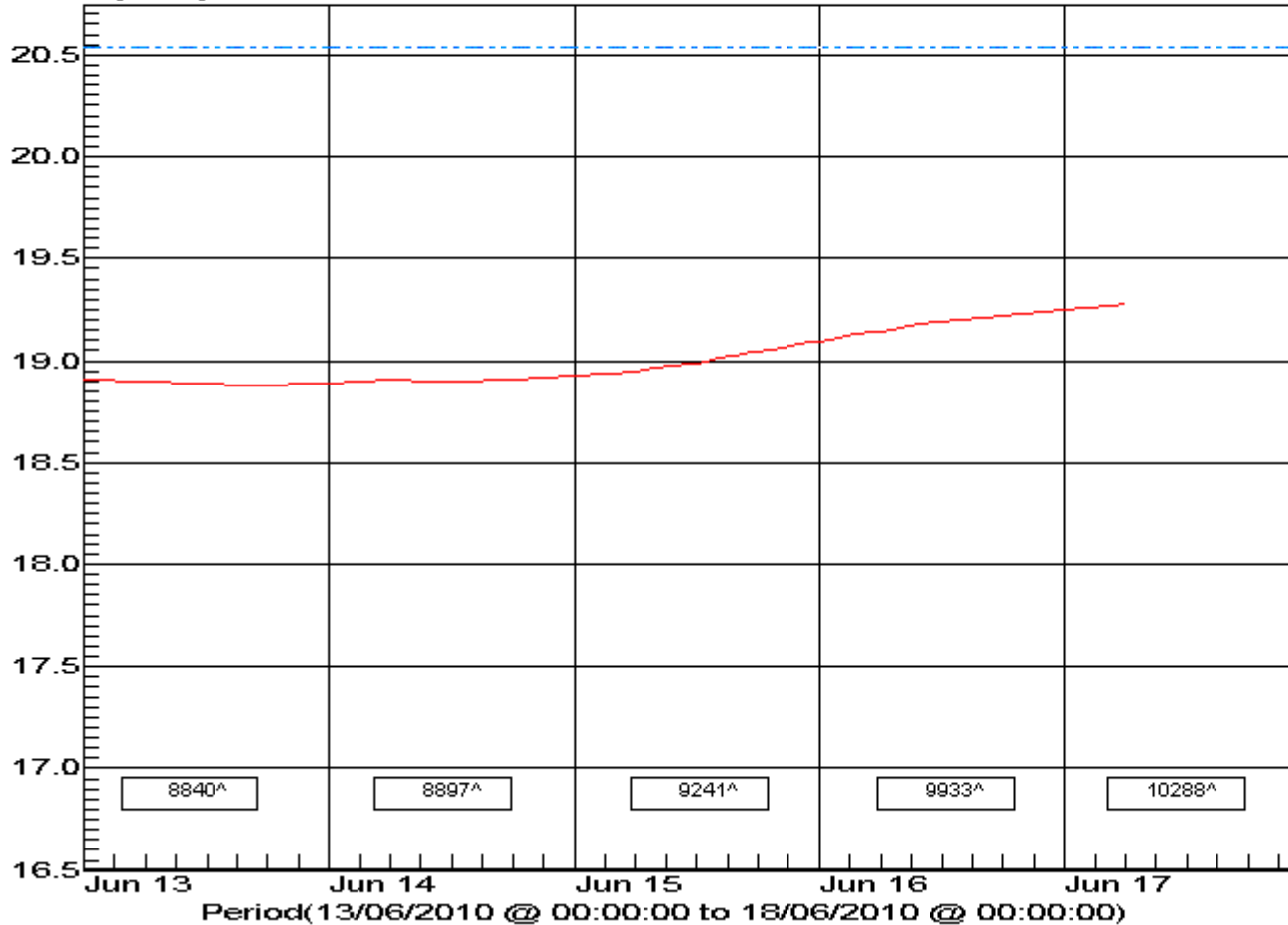
Capacity 64.7% 24 hour change 3.3% ; 504 ML Full Supply to water level -1.26m

Plot created 17/06/2010 @ 09:39
 Last Poll 15/05/2010 @ 06:24:34
 Status 1=online; 0=off line 0

Full Supply - Level 20.54m AHD ; Capacity 15900ML

Gauge Height (m)

Capacity ML



| Date | @ Time | GHT(m) | Capacity ML |
|------------|------------|--------|-------------|
| 15/06/2010 | @ 02:00:00 | 18.93^ | 8999.7^ |
| 15/06/2010 | @ 06:00:00 | 18.95^ | 9066.2^ |
| 15/06/2010 | @ 10:00:00 | 18.97^ | 9149.5^ |
| 15/06/2010 | @ 14:00:00 | 19.01^ | 9282.1^ |
| 15/06/2010 | @ 18:00:00 | 19.04^ | 9411.4^ |
| 15/06/2010 | @ 22:00:00 | 19.08^ | 9538.7^ |
| 16/06/2010 | @ 02:00:00 | 19.11^ | 9667.6^ |
| 16/06/2010 | @ 06:00:00 | 19.14^ | 9783.4^ |
| 16/06/2010 | @ 10:00:00 | 19.18^ | 9905.1^ |
| 16/06/2010 | @ 14:00:00 | 19.21^ | 10012.8^ |
| 16/06/2010 | @ 18:00:00 | 19.22^ | 10074.6^ |
| 16/06/2010 | @ 20:00:00 | 19.23^ | 10114.7^ |
| 16/06/2010 | @ 22:00:00 | 19.24^ | 10150.6^ |
| 17/06/2010 | @ 00:00:00 | 19.25^ | 10187.9^ |
| 17/06/2010 | @ 02:00:00 | 19.26^ | 10223.1^ |
| 17/06/2010 | @ 03:00:00 | 19.26^ | 10238.8^ |
| 17/06/2010 | @ 04:00:00 | 19.27^ | 10254.2^ |
| 17/06/2010 | @ 05:00:00 | 19.27^ | 10270.0^ |
| 17/06/2010 | @ 06:00:00 | 19.28^ | 10287.9^ |

SCHEME REPORT – 17 JUNE 2010**Water Transaction Summary for Burdekin Haughton Scheme - Water Year to Date**

| | Volume (ML) | | |
|--------------------------------------|----------------------|--------------------------|--------------------|
| Announced Allocations | 1,110,757.800 | Last Announcement | <u>01 Jul 2009</u> |
| Allocation Water Transactions | -522.437 | | |
| Total Water Allocations | 1,110,235.363 | | |
| Allocation Water Usage | 438,744.882 | | |
| Remaining Allocation Water | 639,806.751 * | | |

* Includes all water allocations, including those held by irrigators, town, industry, and SunWater

Products for Burdekin Haughton Scheme - Current

| Water Products | Currently Available | Summary of Transfers - Water Year To Date |
|-----------------------------|---------------------|--|
| Allocation Water | ✓ | Water |
| Spot Sale | ✗ | Number of Transfers 61 |
| Channel Harvesting | ✓ | Volume of Transfers 16,648.670 ML |
| Township Water | ✓ | |
| Water Use (Other Authority) | ✓ | |
| | | The above figures reflect the Transfers received by SunWater for the Water Year to date. |

Products shown with a tick are available for consumption according to the Scheme Rules. Disclaimer: The latest available information is displayed.

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| Announcements for Burdekin Haughton - 01 Jul 2009 to 30 Jun 2010 | | | | |
|--|----------|------------|-------------------|---|
| Effective Date | Priority | Rate (%) | ROL System | ROL Zone |
| 01 Jul 2009 | High | <u>100</u> | Burdekin Haughton | z (obsolete)Burdekin Falls Dam & Burdekin River |
| 01 Jul 2009 | High | <u>100</u> | Burdekin Haughton | z (obsolete)Burdekin River 58km - 50.3km |
| 01 Jul 2009 | High | <u>100</u> | Burdekin Haughton | z (obsolete)Burdekin River 64km - 58km |
| 01 Jul 2009 | High | <u>100</u> | Burdekin Haughton | z (obsolete)Burdekin River 90km - 64km |
| 01 Jul 2009 | High | <u>100</u> | Burdekin Haughton | z (obsolete)D/S of Clare Weir |
| 01 Jul 2009 | High | <u>100</u> | Burdekin Haughton | z (obsolete)Haughton River Regulated Section |
| 01 Jul 2009 | Medium | <u>100</u> | Burdekin Haughton | z (obsolete)Burdekin Falls Dam & Burdekin River |
| 01 Jul 2009 | Medium | <u>100</u> | Burdekin Haughton | z (obsolete)Burdekin River 58km - 50.3km |
| 01 Jul 2009 | Medium | <u>100</u> | Burdekin Haughton | z (obsolete)Burdekin River 64km - 58km |
| 01 Jul 2009 | Medium | <u>100</u> | Burdekin Haughton | z (obsolete)Burdekin River 90km - 64km |
| 01 Jul 2009 | Medium | <u>100</u> | Burdekin Haughton | z (obsolete)D/S of Clare Weir |
| 01 Jul 2009 | Medium | <u>100</u> | Burdekin Haughton | z (obsolete)Haughton River Regulated Section |

1. Assets and Refurbishments

I. Planned / Current / Completed Works

- Millaroo A PS – Flowmeter replacements – being completed in Shutdown.
- HMC and Ch. H10 Automated Gates – SCADA (Radio Comms) upgrade underway.
- Millaroo B Pump Station No.2 – scheduled for return to service (2 weeks).
- Tom Fenwick Pump Station 2/3 – Pump No.2 Refurbishment – Condition Assessment continues.
- InterSafe Infrastructure upgrades – Clare Gates installed, Dalbeg pending
- Signage Policy continues.

2. Operations and Shutdowns

I. Shutdowns

Current and Future Planned Shutdowns

- Acrolein Injection Programme continues, with Elliot Main Channel, Channels Ba1 (Mulgrave) and Ba9 (Jardine); and Bottom end of Haughton Main Channel (Selkirk) recently completed. Barratta Main Channel (top end) injections being programmed for second week of Haughton and Barratta Shutdown.
- Although vast majority of irrigation scheme was drained, there are still areas that required filling; due to irrigation demands.
- Due to success of February's 'large scale' injection of BMC (RO19 d/s to End) SunWater intends on conducting similar 'large scale' Acrolein Injections of Haughton and Barratta Main Channels in late September. This is required to position ourselves in best possible condition pre-peak Growing Season demand. Please be advised that SunWater will provide more than adequate notification of these events i.e. as soon as possible (next few weeks).
- 2010 Shutdowns: Clare and Elliot – 1 to 11 June; Haughton and Barratta – 14 to 25 June; Dalbeg and Millaroo – 28 June to 8 July. The first and last shutdowns will incorporate Intersafe Gate installations.

II. Weed Control

- Since last Meeting (29 February 2010), weed control operations by Operational Staff have ramped up significantly. Two casual staff were also employed to spray terrestrial weed (targeting hymenachne, paragrass, cumbunji etc) throughout complete system, which continues.
- Weed Control Contractor completed another 'full-round' of works approximately 3 weeks ago. They will return/remain on-site to commence parcel of works 'extra' to the Contract in next 2 weeks. They will then commence another 'full round' of treatment straight after.
- Mechanical weed removal (via Excavators etc) also ramped up since last meeting and continued into the Shutdowns.
- Aerial (Helicopter) spraying of Storages (Elliot, Mulgrave and Haughton) programmed and also some Elliot, Haughton and Mulgrave drainage systems.

III. Other Items

- Changes to Carry Over water product.
- Meter readings started, however Customers can ring meter readings in especially if concerns with Carry Over.
- Peak Flow Entitlement (PFE) letter will be mailed out soon – example.