

Annual report for Stringybark Creek Water Supply Protection Area Stream Flow Management Plan 2007

Reporting period: 1st July 2009 to 30th June 2010

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Foreword

This report is submitted to the Minister for Water and the Port Phillip and Westernport Catchment Management Authority in accordance with s32C of the *Water Act 1989*. A copy of this report is available for inspection at the offices of Melbourne Water and notice of report availability will be published as required by s32D of the *Water Act 1989*.

The purpose of this report is to detail Melbourne Water's activities administering and enforcing the management plan, and provide information that is required to be reported under the plan.

Area:	Stringybark Creek Water Supply Protection Area
Segment:	Surface water
Area declared:	December 2002
Plan approved:	7 January 2008
SFMP allocation limit:	2,664 ML (All year total licence volume)
Scheduled plan review:	2012
Implementation authority:	Melbourne Water
Relevant CMA:	Port Phillip and Westernport Catchment Management Authority
Report period:	1 July 2009 – 30 June 2010
Report prepared by:	Melbourne Water

1 Introduction

This is a report on Melbourne Water’s activities in carrying out its duties relating to administering and enforcing the Stringybark Creek Stream Flow Management Plan. This plan applies to the Stringybark Creek Water Supply Protection Area (Figure 1). This report is produced to comply with the plan and the Water Act 1989.

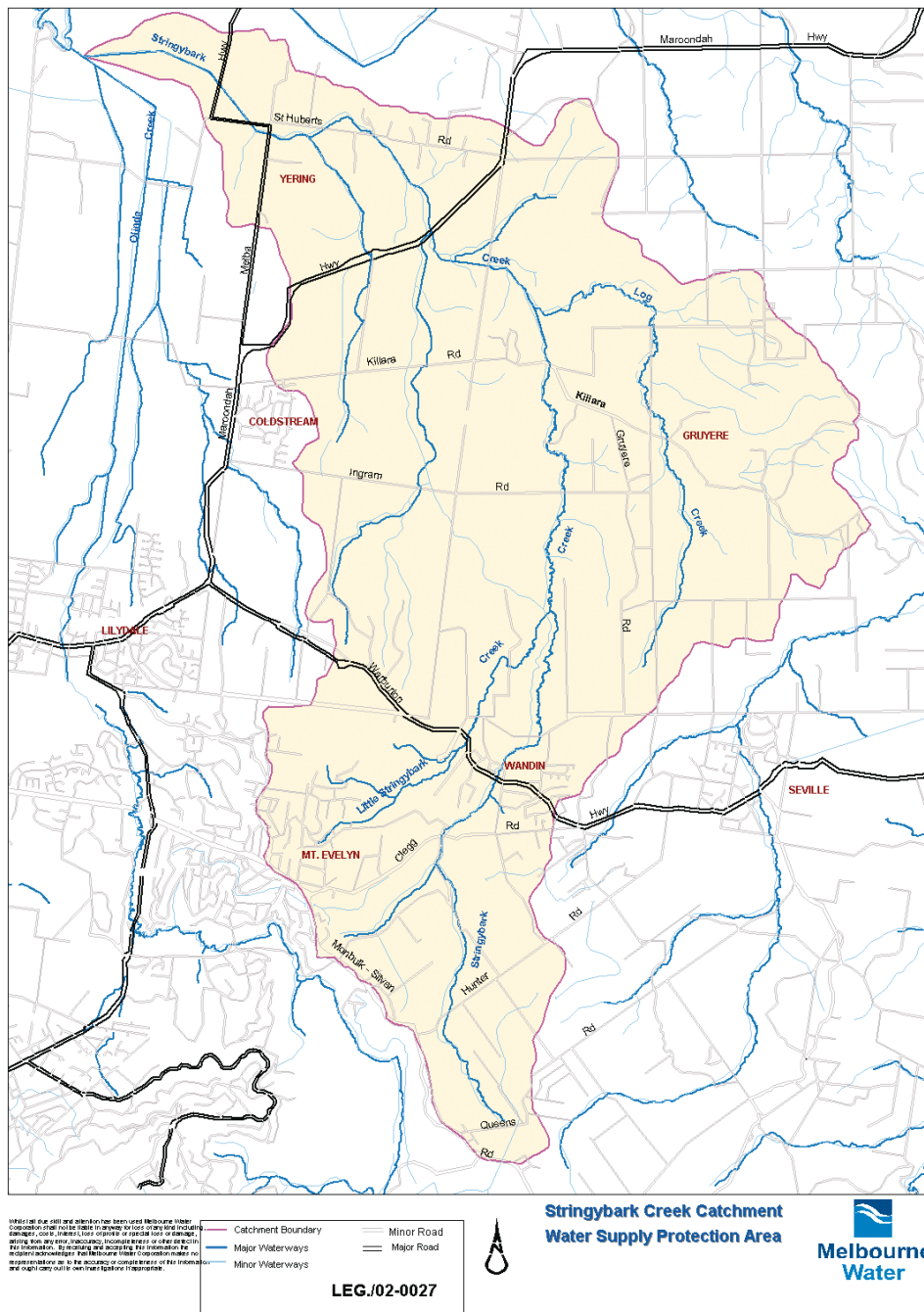


Figure 1 - The Stringybark Creek Water Supply Protection Area.

1.1 Objective of the plan

The Stream Flow Management Plan (the Plan) is a legal document prepared under the *Water Act 1989*. The general object of this Plan prescribed by section 32A(1) of the Act is *“to make sure that the water resources of the “Water Supply Protection Area” are managed in an equitable manner and so as to ensure the long term sustainability of those resources”*.

The Stringybark Creek Stream Flow Management Plan Consultative Committee developed more specific objectives for this Plan. These are:

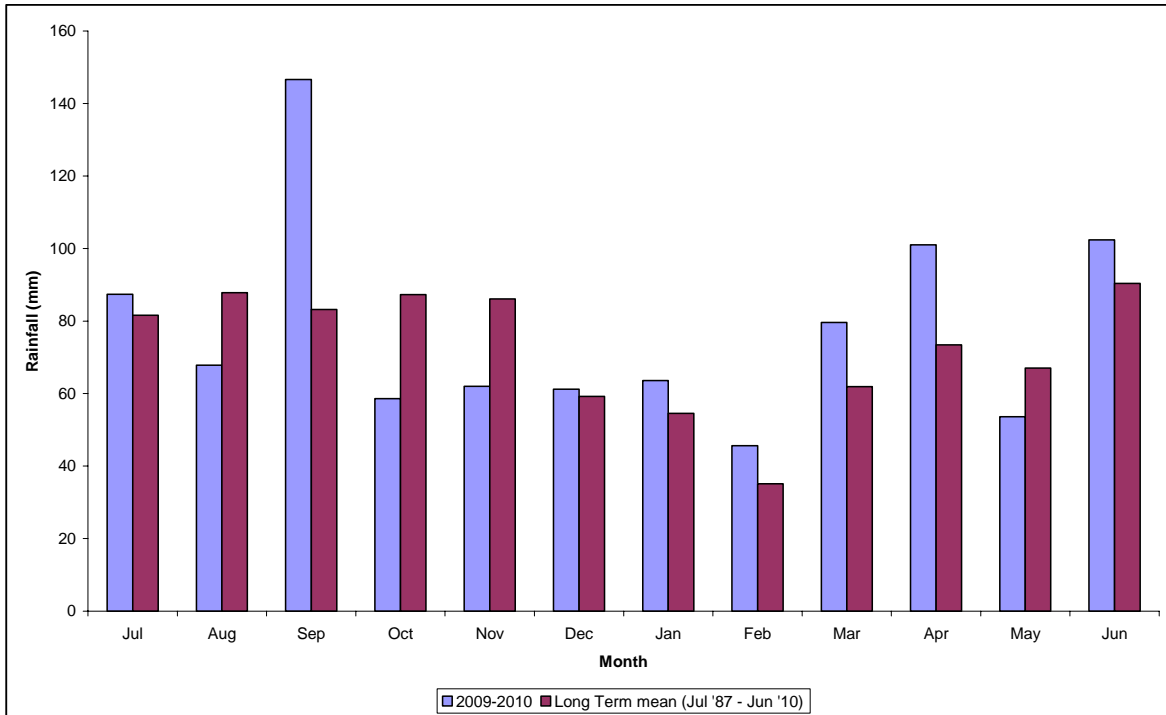
- a) to ensure the surface water resources of the Stringybark Creek Water Supply Protection Area are equitably shared between water users and the environment;
- b) to quantify total water use within the Protection Area including all stream flow and surface waters;
- c) to ensure, where possible, that licence holders are able to access their full licence entitlement;
- d) to attempt to help improve water quality in accordance with the SEPP (Waters of Victoria) Schedule 7 Waters of the Yarra Catchment (EPA, 1999);
- e) to attempt to maintain existing species diversity and populations of aquatic flora and fauna and, where possible, provide conditions that will encourage re-colonisation of the Stringybark Creek by fish species that can now utilise the upper Yarra system because of the Dights Falls fishway;
- f) to resolve areas of limited knowledge and/or understanding to more adequately inform future plan development and review; and
- g) to develop a monitoring and review program to determine the effectiveness of the agreed environmental flows.

2 Key observations

2.1 Rainfall

Rainfall is measured at a variety of sites in the catchment but the most representative site with long term data is Woori Yallock (586085) (Figure 1). The total annual rainfall for the year was 929.4 mm and this compares with a long term average (July 1987 to June 2010) of 867.5 mm making the reporting year wetter than average.

Figure 1 - Monthly rainfall compared to long term average for Woori Yallock raingauge (586085).



2.2 Water levels/flows

Stream flows are measured at two locations in the catchment:

- Upper Stringybark - Clegg Road (229401A);
- Lower Stringybark - St Huberts Road (229247B)

Currently only Clegg Road is used as the compliance gauge for the catchment. Stream flows are recorded 24 hours a day, 365 days of the year and archived on the Melbourne Water Hydstra system. Each morning the flow data in the creek is monitored to determine whether bans should be introduced or lifted for that day. Hydrographs for the Clegg Road site (Figure 2) is presented covering the reporting period, along with a flow duration curve (

Figure 3) depicting the prevalence of low flows.

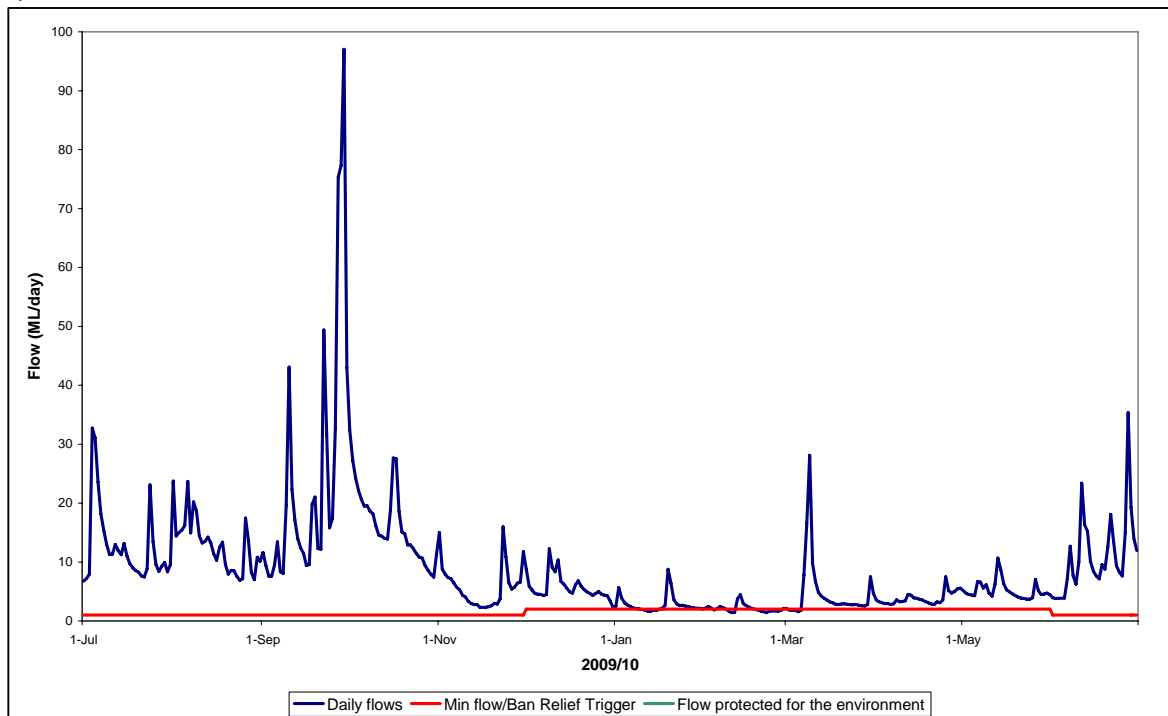
During the low flow period 1st December – 30th May a trigger level of 1 ML/day is applied to ban license holders from taking water. During the high flow period from the 1st June to 31st November a trigger level of 2 ML/day is applied to ban license holders from taking water from the catchment.

The hydrographs shows the periods when bans were implemented in accordance with the requirements of the plan and when stream flows fell below the environmental flow level. It must be noted that bans are applied on the

basis of changes in seven day average flows rather than the daily flows shown here. This is also discussed in Section 3.5.

Figure 2 - Hydrograph of mean daily flows at Clegg Road stream flow gauge, 1 July 2009 – 30 June 2010. This is shown over the full range of flows (a) and focusing on lower flows (b).

a)



b)

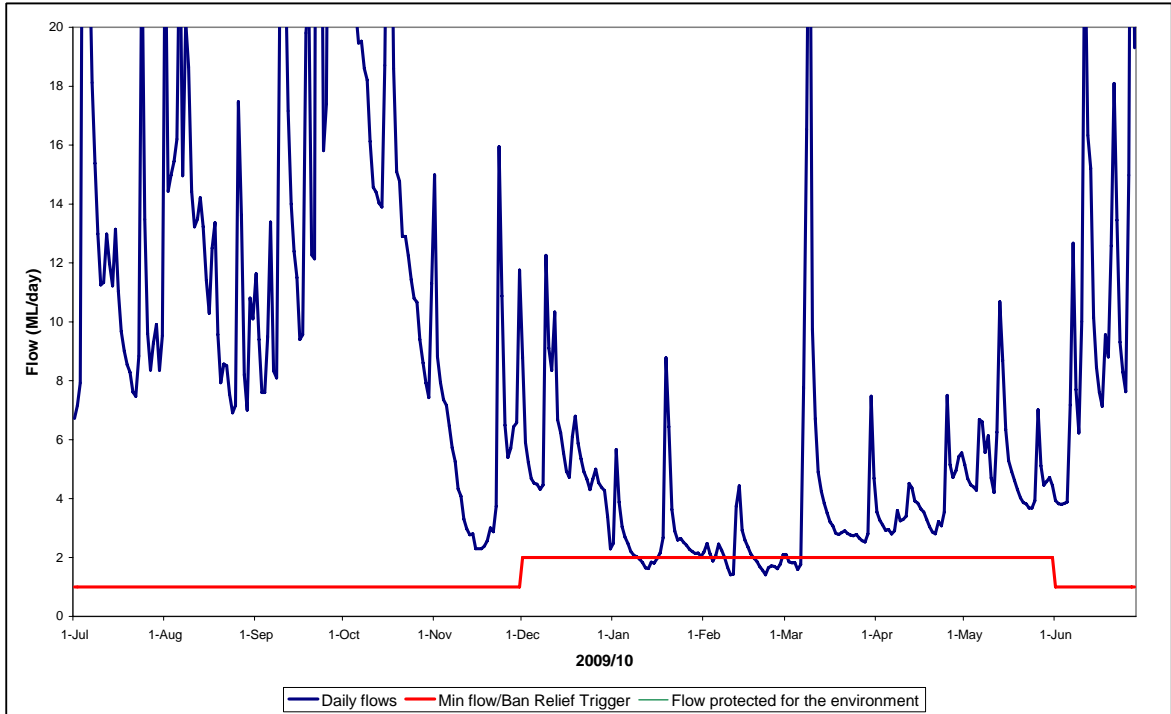
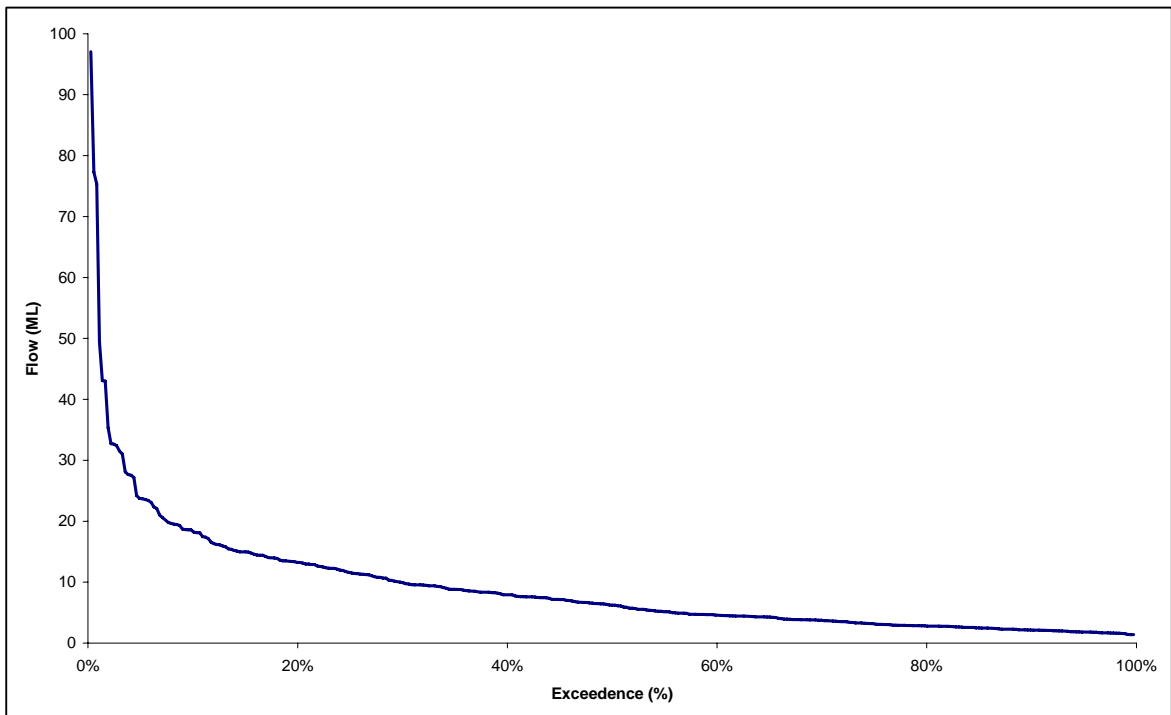


Figure 3 - Flow duration curve of mean daily flows at Clegg Road flow gauging station between 1 July 2009 and 30 June 2010.



The St Hubert's Road gauge was installed in 2008 as a result of the SFMP. This is also discussed in Section 3.1. During 2009/10, the St Hubert's Road gauge was not used as a compliance gauge in the Stringybark Creek catchment.

There are only a small number of licenses below this gauge and the logistics of using it for metering and rostering are still being determined.

2.3 Bans and restrictions on taking and using water

The Stringybark Creek plan applies a ban during the low flow period 1st December – 30th May when flows fall below a trigger level of 1 ML/day. During the high flow period 1st June to 31st November a trigger level of 2 ML/day is applied at Clegg Road in order to protect environmental flows. During 2009/10 there were no bans applied within the catchment.

No. of days on restrictions	No. of days on bans	No of days water available
0	0	365

Table 1 - Summary of water availability in Stringybark Creek from 1st July 2009 to 30th June 2010

2.4 Water use during 2009/10

In Table 2 the water use in the catchment as at 30th June 2010 is presented.

Table 2 - Detail on water use during the year.

	2009/10
PCV (ML/year) or WSPA Allocation Limit	2664
No. of licences	131 (Including 69 farm dam registrations and 8 farm dam licences)
Total allocated volume (ML)	2717.2 (Including 1131.2 farm dam registrations and 377 farm dam licences)
No. of metered licences	39
Total metered volume (ML)	1457
Actual metered used (ML)	432.49
Total use	432.49
Metered use as % of allocation	15.92
Metered use as % of PCV or WSPA allocation limit	16.23
No. of licences with use greater than allocation	See table below
Number of days on ban	0
Number of days on restriction	Not applicable
Number of non-compliance incidents	3
Permanent transfers within WSPA (ML)	Nil
Temporary transfers within WSPA (ML)	Nil
Permanent transfers out of WSPA (ML)	Nil
Temporary transfers out of WSPA (ML)	Nil

2.5 Water use since introduction of the plan

A summary of water used in the catchment since the start of the plan is detailed in Table 3 and a summary of actual use compared to total allocated is presented in Figure 4.

Table 3 - Detail on water use during the year.

	2008-09	2009/10
PCV (ML/year) or WSPA Allocation Limit	2664 ML	2664 ML
No. of licences	128 (including 69 farm dam registrations and 8 farm dam licences)	131 (including 69 farm dam registrations and 8 farm dam licences)
Total allocated volume (ML)	2,549 ML (including 1131 ML farm dam registrations and 264 ML farm dam licences)	2717.2 (including 1131.2 farm dam registrations and 377 farm dam licences)
No. of metered licences	30	39
Total metered volume (ML)		1457
Actual metered used (ML)	162.6 ML - All year licences and farm dam licences	432.49
Total use	762.3 ML ¹	432.49
Metered use as % of allocation	29.9 %	15.92
Metered use as % of PCV or WSPA allocation limit	28.6 %	16.23
No. of licences with use greater than allocation	Nil	
Number of days on ban		0
Number of days on restriction	N/A	N/A

¹ Winterfill licence consumptions included for majority of 08-09 (fill period ends 31 October 2009). Diverters may be pumping into their dams

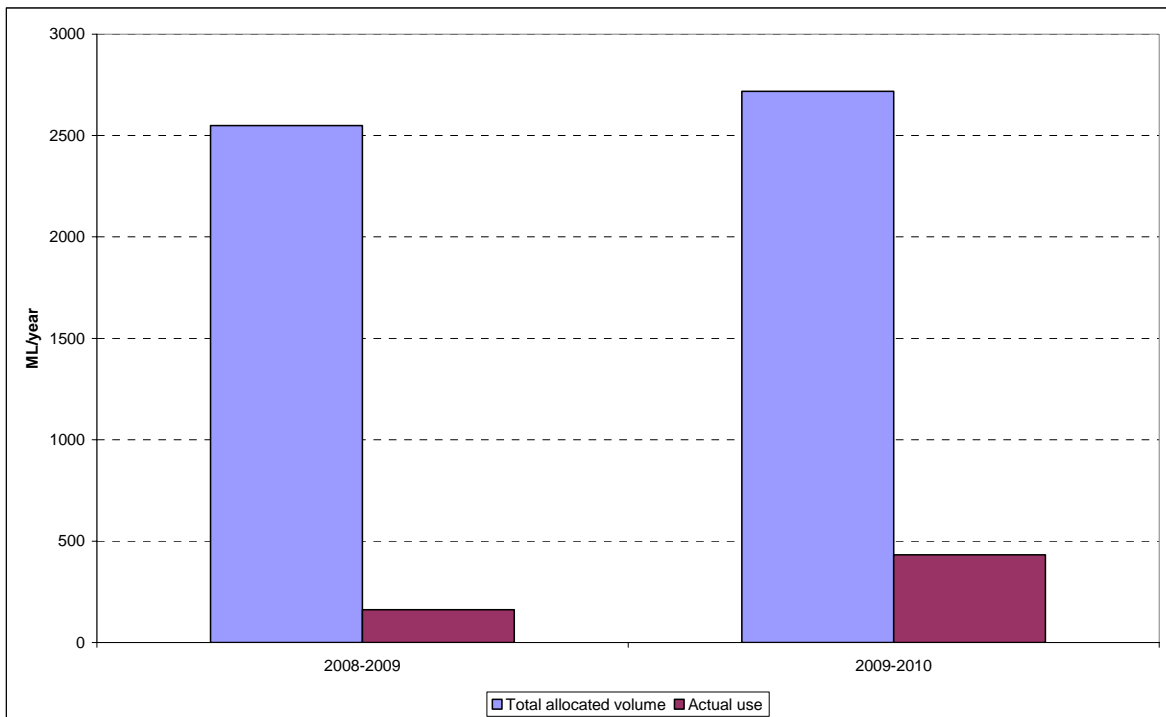


Figure 4 - Summary of actual use compared to total allocation

2.6 Non compliance of diverters

Overuse compliance issues are to be followed up on two Stringybark Creek licences.

Licence 465/620/0054 Overused by 1.6 ML on a 4 ML licence.

Formal warning letter issued to licence holder for previous overuse in 08/09.

Licence 465/618/5001 Farm dam licence overused by 2.8 ML on an 18 ML licence.

A further check of consumption will be made of another licence.

Licence 465/620/0023 Usage recorded as 25.49 ML against a 7 ML licence but a bore meter used in conjunction with this licence has not yet recorded.

Formal warning letters have been issued for previous overuse in 08/09:

- Owner of licences 465/620/0018 and 465/620/5041, Cambus Road Yering.
- Owner of licence 465/620/0035, St Huberts Road Yering.

Melbourne Water has reviewed the process for implementing and recording of bans and restrictions. This process has been undertaken manually in the past

requiring daily assessment and there had been occasions when bans were not correctly applied.

Melbourne Water has now automated the system for setting of bans and restrictions, which has overcome the problems associated with resourcing and human error. Automating the system involved converting existing 'dial up' flow gauges to radio telemetry and incorporating them into the Melbourne Water "SCADA system". Now this work has been completed, the process for determining and updating ban and restriction status has been automated for both the internet and telephone messaging service.

3 Plan Implementation

3.1 Stream flow gauge maintenance and operation

There are two gauges that measure streamflows in the Stringybark Creek Catchment: Clegg Road and St Huberts Road gauges. The St Huberts Road gauge was installed in 2008 as a result of the SFMP. Melbourne Water contractors, Ecowise, visited the stream flow gauges regularly. A record of gauged flows is shown in Figure 5. The St. Huberts Road gauge had some problems with recording flows. This is being addressed by the hydrographics team within Melbourne Water but as this is currently not used as a compliance gauge, it did not impact on the performance of the SFMP.

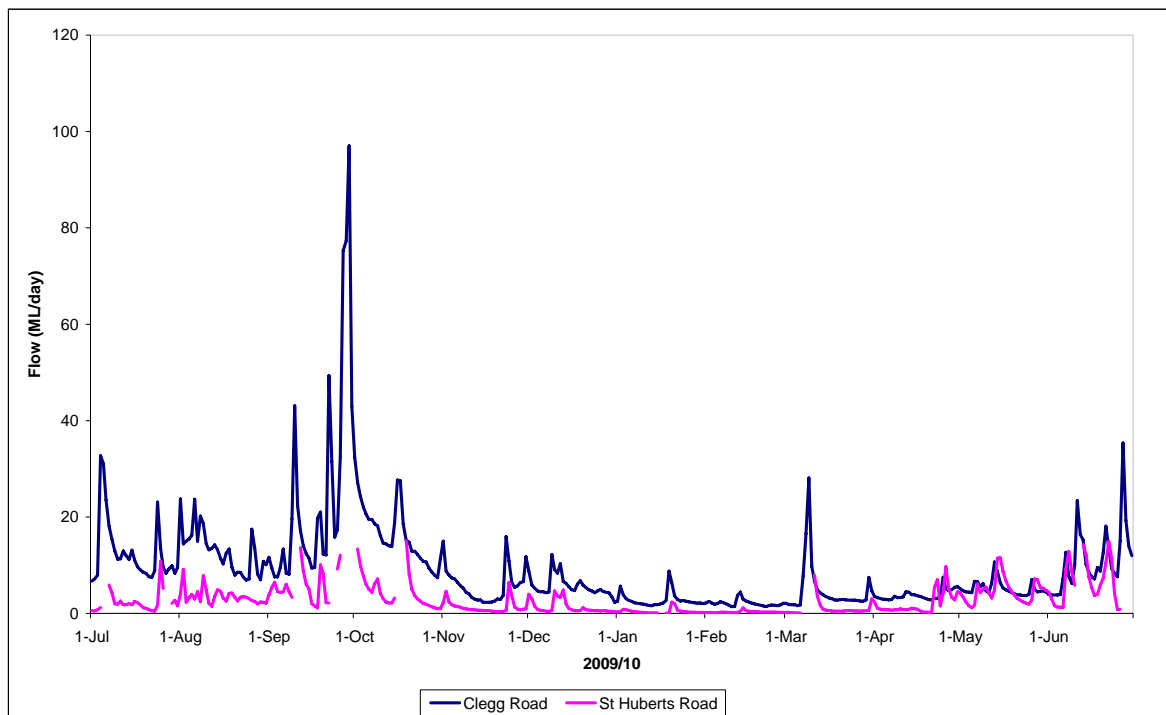


Figure 5 - Flows recorded at Clegg Rd and St. Huberts Rd gauges in the Stringybark Creek catchment.

The daily flow at these gauges is available online at: www.melbournewater.com.au

3.2 Meter installation and reading

Meters have been fitted to all active commercial or irrigation licensees' equipment. This does not include registered farm dams or domestic and stock licences.

Meters were read and checked on or around July 2009. In addition, twenty four "SMART" meters have been fitted to the largest and most active diverters in the catchment. SMART meters have been fitted through a joint venture with the Department of Sustainability and Environment. The meters have data loggers linked via communications, allowing the data to be downloaded in the office and the information viewed over a secure web link. Data collected can be used for improved hydrological modelling and enhanced water resource management decisions e.g. rostering, compliance, improving environmental flows.

Automating meter readings allows Melbourne Water to increase the number of meter readings during drought conditions to ensure compliance with the Stream Flow Management Plan and protect environmental flows. Increased number of readings will provide our customers better information on their water usage patterns.

The data loggers feed information into a central internet portal via email through existing communications networks. Customers could potentially securely access this up to date information from anywhere at anytime via the internet. Recorded data is instantly viewable via trends, tables and other graphical display measures, simplifying the process of information sharing. Using this innovative method, historical comparisons can be achieved and operational decisions can be made faster and more accurately.

3.3 New or cancelled licences

No additional licenses were issued or cancelled during the 2009/10 financial year. A list of licences in the Water Supply Protection Area at 30 June 2009 is shown in Appendix 1.

3.4 Licence transfers

There were no temporary or permanent licences traded during the 2009/10 financial year.

3.5 Maintaining environmental flows

To maintain environmental flows, bans on taking of water were implemented as listed in section 2.2. As bans to protect the environmental flows are implemented using seven-day average flows, there is a small lag between the dropping or rising of flows across the environmental flow threshold and the introduction or lifting of a ban. This favours the environment before bans are implemented while flows are rising, but favours the water users before bans are lifted as flows are dropping. This effect can be seen in **Figure 6** which shows the comparison of daily flow and 7 day rolling average flows.

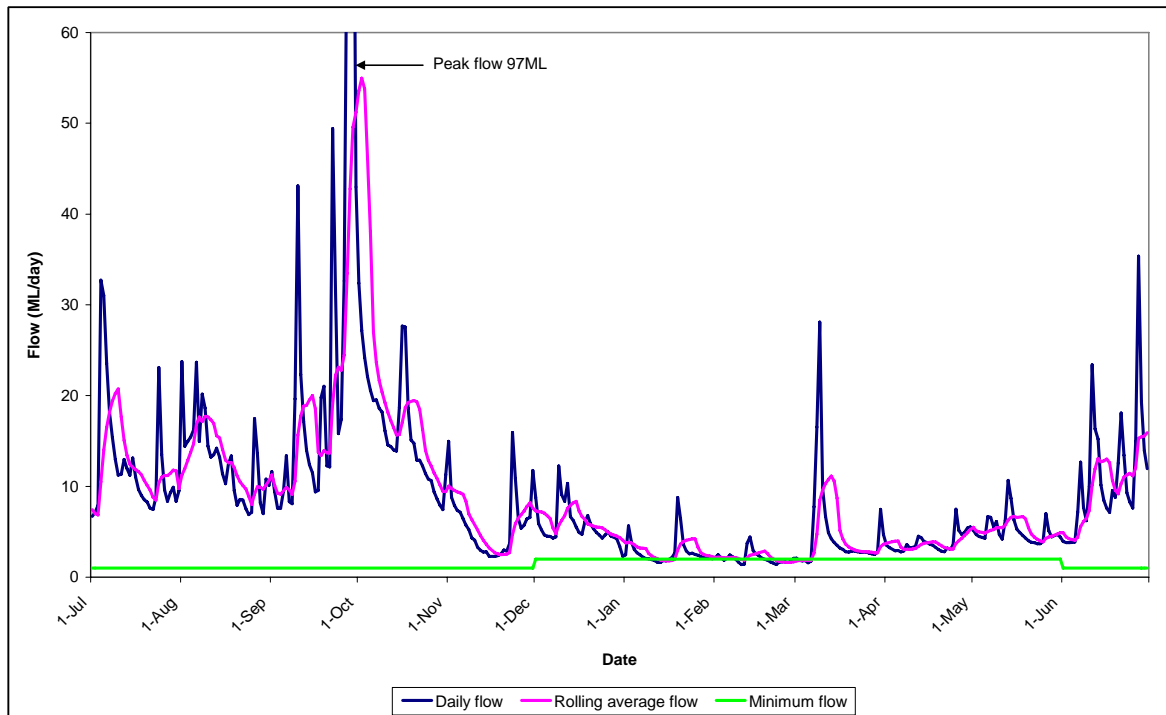


Figure 6 - Comparison of daily flows and 7 day rolling average flows for Stringybark Creek between 1 July 2009 and 30 June 2010.

3.6 Monitoring the effect of the plan

Section 12 of the Stringybark Creek Stream Flow Management Plan stipulates that Melbourne Water must develop a program to monitor the implementation of the Plan. This monitoring program was developed in 2007 and is part of a larger Yarra Catchment Stream Flow Monitoring Plan. The Monitoring Program is in addition to other general monitoring activities undertaken by Melbourne Water such as collecting stream flow and water usage data.

3.7 Other reporting requirements

In its annual report Melbourne Water is also required to report on additional components, this is summarised in Table 4.

Table 4 - Summary of additional reporting requirements

Reporting requirement	2009/10 report
Activation of sleeper or dozer licences	None that MW is aware of.
The extent of water usage resulting from transfers	None
Location and impact of new take and use licences	None
Development within the catchment as a result of subdivision	Not known – Melbourne Water is not the authority responsible for approval of subdivisions.
The impact that any new development may have on the security of existing users or on flows in the waterway	To Melbourne Water's knowledge no new irrigation development has occurred.

4 Plan compliance

The annual report documents all plan prescriptions and discuss compliance against each prescription. A summary of the prescriptions and compliance is set out in Table 5.

Table 5 - Summary of plan prescriptions and compliance

Prescription No.	Plan requirement	Activity/Reference	Complies (Y/N)
1	Prohibitions on granting new licences	No new licenses were granted or licenses cancelled. Please see <i>Section 3.3 New or Cancelled Licenses</i> for more information.	Yes
2	Licence conditions	Licenses granted have been subject to the conditions as set out in Schedule 1.	Yes
3.1 – 3.5	Transferring licences	No trading occurred. Please see <i>Section 3.4 License Trades/Transfers</i> for more information.	Yes
4.1 – 4.2	Rosters and restrictions	No bans were in place during 09-10. Please see <i>Section 2.3 Bans and Restrictions</i> for more information.	Yes
5.1 – 5.4	New dams, aesthetic dams and dams on sub-divisions	No new dams were licensed.	Yes

Prescription No.	Plan requirement	Activity/Reference	Complies (Y/N)
6.1 – 6.8	Monitoring	<p>Please see <i>Section 3.1 Stream Flow Gauge Maintenance and Operation</i> for more information.</p> <p>'Smart Meters' have been installed in the catchment. Please see <i>Section 3.2 Meter Installation and Reading</i> for more information.</p> <p>The use of 'smart meters' has enabled increased meter readings, data accuracy and data availability. Please see <i>Section 3.2 Meter Installation and Reading</i> for more information.</p> <p>A monitoring program was developed in 2007 and is part of a larger <i>Yarra Catchment Stream Flow Monitoring Program</i>. Please see <i>Section 3.6 Monitoring the Plan</i> for more information.</p>	Yes
7	Redressing historical overuse	No trading occurred; therefore there was no opportunity to address overuse in 09-10.	N/A
8	Review of plan	Plan not scheduled to be reviewed until 2012.	N/A

Appendix One – Diversion Licence Database as at 03/09/2010

Licence no	Waterway	Total ML	Purpose	Licence type
465/634/0002	Little Stringybark Creek	4.00	Domestic, Stock & Irrigation	Diversion
465/634/0001	Little Stringybark Creek	9.00	Off-Stream Dam Filling	Diversion
465/634/0003	Little Stringybark Creek	3.00	Off-Stream Dam Filling	Diversion
465/629/0001	Log Creek	119.00	Off-Stream Dam Filling	Diversion
465/629/0002	Log Creek	65.00	Off-Stream Dam Filling	Diversion
465/629/0003	Log Creek	90.00	Off-Stream Dam Filling	Diversion
465/620/0007	Stringybark Creek	2.00	Domestic & Stock	Diversion
465/620/0053	Stringybark Creek	4.00	Domestic, Stock & Irrigation	Diversion
465/620/0054	Stringybark Creek	4.00	Domestic, Stock & Irrigation	Diversion
465/620/0032	Stringybark Creek	5.00	Irrigation	Diversion
465/620/0028	Stringybark Creek	12.00	Irrigation	Diversion
465/620/5006	Stringybark Creek	2.00	Irrigation	Diversion
465/620/0038	Stringybark Creek	10.00	Irrigation	Diversion
465/620/0044	Stringybark Creek	4.00	Irrigation	Diversion
465/620/0041	Stringybark Creek	7.00	Irrigation	Diversion
465/620/0039	Stringybark Creek	7.00	Irrigation	Diversion
465/620/0008	Stringybark Creek	4.00	Irrigation	Diversion
465/620/0033	Stringybark Creek	5.00	Irrigation	Diversion
465/620/0011	Stringybark Creek	4.00	Irrigation	Diversion
465/620/0036	Stringybark Creek	7.00	Irrigation	Diversion
465/620/0030	Stringybark Creek	10.00	Irrigation	Diversion
465/620/0001	Stringybark Creek	7.00	Irrigation	Diversion
465/620/0017	Stringybark Creek	7.00	Irrigation	Diversion
465/620/0012	Stringybark Creek	7.00	Irrigation	Diversion
465/620/0024	Stringybark Creek	7.00	Irrigation	Diversion
465/620/0014	Stringybark Creek	25.00	Irrigation	Diversion
465/620/0034	Stringybark Creek	3.00	Irrigation	Diversion
465/620/0005	Stringybark Creek	18.00	Irrigation	Diversion
465/620/0026	Stringybark Creek	7.00	Irrigation	Diversion
465/620/0023	Stringybark Creek	7.00	Irrigation	Diversion
465/620/0021	Stringybark Creek	2.00	Irrigation	Diversion
465/620/0029	Stringybark Creek	2.00	Off-Stream Dam Filling	Diversion
465/620/0015	Stringybark Creek	82.00	Off-Stream Dam Filling	Diversion
465/620/5004	Stringybark Creek	98.00	Off-Stream Dam Filling	Diversion
465/620/0051	Stringybark Creek	41.00	Off-Stream Dam Filling	Diversion
465/620/0035	Stringybark Creek	87.00	Off-Stream Dam Filling	Diversion
465/620/0037	Stringybark Creek	46.00	Off-Stream Dam Filling	Diversion
465/620/0002	Stringybark Creek	190.00	Off-Stream Dam Filling	Diversion
465/620/0043	Stringybark Creek	2.00	Off-Stream Dam Filling	Diversion
465/620/0031	Stringybark Creek	8.00	Off-Stream Dam Filling	Diversion

Licence no	Waterway	Total ML	Purpose	Licence type
465/620/0052	Stringybark Creek	4.00	Off-Stream Dam Filling	Diversion
465/620/0018	Stringybark Creek	37.00	Off-Stream Dam Filling	Diversion
465/620/0027	Stringybark Creek	38.00	Off-Stream Dam Filling	Diversion
465/620/5044	Stringybark Creek	5.00	On-Stream Dam Filling	Diversion
465/620/0013	Stringybark Creek - Tributary	1.00	Irrigation	Diversion
465/620/0042	Stringybark Creek - Tributary	9.00	Irrigation	Diversion
465/620/0046	Stringybark Creek - Tributary	14.00	Off-Stream Dam Filling	Diversion
465/620/5000	Stringybark Creek - Tributary 5628	45.00	Off-Stream Dam Filling	Diversion
465/637/0004	Stringybark Creek - Tributary 5637	4.00	Domestic, Stock & Irrigation	Diversion
465/637/0001	Stringybark Creek - Tributary 5637	5.00	Irrigation	Diversion
465/637/0002	Stringybark Creek - Tributary 5637	7.00	Irrigation	Diversion
465/637/0006	Stringybark Creek - Tributary 5637	10.00	Irrigation	Diversion
465/620/5045	Stringybark Creek	7.00	Environmental Water Reserve	Environmental Water Reserve
465/629/5008	Log Creek	29.00	Irrigation	Farm Dam Licence
465/629/5024	Log Creek	30.00	Irrigation	Farm Dam Licence
465/629/5002	Log Creek	165.00	Off-Stream Dam Filling	Farm Dam Licence
465/620/5032	Stringybark Creek	15.00	Irrigation	Farm Dam Licence
465/620/5041	Stringybark Creek	38.00	Off-Stream Dam Filling	Farm Dam Licence
465/620/5031	Stringybark Creek	67.00	Off-Stream Dam Filling	Farm Dam Licence
465/618/5000	Stringybark Creek - Tributary	15.00	Irrigation	Farm Dam Licence
465/618/5001	Stringybark Creek - Tributary 5963	18.00	Irrigation	Farm Dam Licence
465/634/5008	Little Stringybark Creek	5.00	Irrigation	Farm Dam Registration
465/634/5006	Little Stringybark Creek	3.00	Irrigation	Farm Dam Registration
465/634/5003	Little Stringybark Creek	1.00	Irrigation	Farm Dam Registration
465/634/5005	Little Stringybark Creek	4.00	Irrigation	Farm Dam Registration
465/634/5001	Little Stringybark Creek	1.00	Irrigation	Farm Dam Registration
465/634/5004	Little Stringybark Creek	5.00	Irrigation	Farm Dam Registration
465/634/5009	Little Stringybark Creek	4.00	Irrigation	Farm Dam Registration
465/629/5018	Log Creek	17.00	Irrigation	Farm Dam Registration
465/629/5006	Log Creek	6.50	Irrigation	Farm Dam Registration
465/629/5015	Log Creek	11.00	Irrigation	Farm Dam Registration
465/629/5003	Log Creek	40.00	Irrigation	Farm Dam Registration
465/629/5021	Log Creek	18.00	Irrigation	Farm Dam Registration
465/629/5004	Log Creek	80.00	Irrigation	Farm Dam Registration
465/629/5020	Log Creek	3.00	Irrigation	Farm Dam Registration

Licence no	Waterway	Total ML	Purpose	Licence type
465/629/5001	Log Creek	6.00	Irrigation	Farm Dam Registration
465/629/5013	Log Creek	12.00	Irrigation	Farm Dam Registration
465/629/5017	Log Creek	5.00	Irrigation	Farm Dam Registration
465/629/5012	Log Creek	16.00	Irrigation	Farm Dam Registration
465/629/5022	Log Creek	35.00	Irrigation	Farm Dam Registration
465/629/5011	Log Creek	15.00	Irrigation	Farm Dam Registration
465/629/5019	Log Creek	11.00	Irrigation	Farm Dam Registration
465/629/5023	Log Creek	33.00	Irrigation	Farm Dam Registration
465/629/5007	Log Creek	25.00	Irrigation	Farm Dam Registration
465/980/5000	Log Creek - Tributary	2.00	Irrigation	Farm Dam Registration
465/620/5021	Stringybark Creek	12.00	Irrigation	Farm Dam Registration
465/620/5038	Stringybark Creek	3.00	Irrigation	Farm Dam Registration
465/620/5012	Stringybark Creek	3.00	Irrigation	Farm Dam Registration
465/620/5022	Stringybark Creek	13.00	Irrigation	Farm Dam Registration
465/620/5020	Stringybark Creek	24.00	Irrigation	Farm Dam Registration
465/620/5018	Stringybark Creek	13.00	Irrigation	Farm Dam Registration
465/620/5023	Stringybark Creek	16.00	Irrigation	Farm Dam Registration
465/620/5007	Stringybark Creek	4.00	Irrigation	Farm Dam Registration
465/620/5010	Stringybark Creek	3.20	Irrigation	Farm Dam Registration
465/620/5033	Stringybark Creek	5.00	Irrigation	Farm Dam Registration
465/620/5039	Stringybark Creek	3.00	Irrigation	Farm Dam Registration
465/620/5024	Stringybark Creek	13.00	Irrigation	Farm Dam Registration
465/620/5034	Stringybark Creek	16.00	Irrigation	Farm Dam Registration
465/620/5011	Stringybark Creek	1.00	Irrigation	Farm Dam Registration
465/620/5043	Stringybark Creek	20.00	Irrigation	Farm Dam Registration
465/620/5025	Stringybark Creek	29.00	Irrigation	Farm Dam Registration
465/620/5042	Stringybark Creek	5.00	Irrigation	Farm Dam Registration
465/620/5001	Stringybark Creek	6.00	Irrigation	Farm Dam Registration
465/620/5013	Stringybark Creek	34.00	Irrigation	Farm Dam Registration
465/620/5030	Stringybark Creek	30.00	Irrigation	Farm Dam Registration
465/620/5009	Stringybark Creek	50.00	Irrigation	Farm Dam Registration
465/620/5008	Stringybark Creek	15.00	Irrigation	Farm Dam

Licence no	Waterway	Total ML	Purpose	Licence type
				Registration
465/620/5028	Stringybark Creek	95.00	Irrigation	Farm Dam Registration
465/620/5029	Stringybark Creek	13.00	Irrigation	Farm Dam Registration
465/620/5019	Stringybark Creek	51.00	Irrigation	Farm Dam Registration
465/620/5026	Stringybark Creek	1.00	Irrigation	Farm Dam Registration
465/620/5027	Stringybark Creek	4.00	Irrigation	Farm Dam Registration
465/620/5015	Stringybark Creek	15.00	Irrigation	Farm Dam Registration
465/620/5016	Stringybark Creek	15.00	Irrigation	Farm Dam Registration
465/620/5035	Stringybark Creek	45.00	Irrigation	Farm Dam Registration
465/620/5037	Stringybark Creek - Tributary 5618	2.00	Irrigation	Farm Dam Registration
465/620/5036	Stringybark Creek - Tributary 5618	38.00	Irrigation	Farm Dam Registration
465/624/5002	Stringybark Creek - Tributary 5624	4.00	Irrigation	Farm Dam Registration
465/624/5003	Stringybark Creek - Tributary 5624	13.00	Irrigation	Farm Dam Registration
465/624/5001	Stringybark Creek - Tributary 5624	20.00	Irrigation	Farm Dam Registration
465/624/5005	Stringybark Creek - Tributary 5624	18.00	Irrigation	Farm Dam Registration
465/624/5006	Stringybark Creek - Tributary 5624	9.00	Irrigation	Farm Dam Registration
465/624/5010	Stringybark Creek - Tributary 5624	4.00	Irrigation	Farm Dam Registration
465/624/5004	Stringybark Creek - Tributary 5624	26.00	Irrigation	Farm Dam Registration
465/624/5009	Stringybark Creek - Tributary 5624	38.00	Irrigation	Farm Dam Registration
465/624/5007	Stringybark Creek - Tributary 5624	14.00	Irrigation	Farm Dam Registration
465/624/5011	Stringybark Creek - Tributary 5624	15.00	Irrigation	Farm Dam Registration
465/637/5002	Stringybark Creek - Tributary 5637	8.00	Irrigation	Farm Dam Registration
465/620/5014	Stringybark Creek - Tributary 5963	5.00	Irrigation	Farm Dam Registration
465/620/5017	Stringybark Creek - Tributary 5963	1.50	Irrigation	Farm Dam Registration
465/634/5000	Little Stringybark Creek	0.00	Domestic & Stock	Operating Licence Only