



Camp Creek Study April 2013



Picture of Camp Creek by Stephen Spurling III, 1876-1962, courtesy National Library of Australia

FACT SHEET

There is no “quick fix” for the problems at Camp Creek. Instead Council will work with the community and a reference group to look at the number of options presented in the Camp Creek Remediation Options Study.

The Camp Creek Remediation Options Study lists five options (as follows):

- **Do nothing:** If nothing is done sediment will continue to accumulate. This option probably has no immediate or medium term consequences for the wider ecology of the creek as the main channel will continue to allow fish to migrate to and from the ocean and the estuary has no impact on the creek above the high tide mark. However, it is highly likely that aesthetic and public amenity of the area will continue to decline.
- **Sediment dredging:** Without further measures, this is a short term solution to remove some of the fine sediment; however, sediment will continue to deposit.
- **Weir removal:** This option is also probably unlikely to greatly improve sediment flushing because removal of the weir alone will not increase the stream slope enough to create flow conditions through the reach that will flush sediments. To increase slope it would be necessary to remove a portion of the bedrock beneath the weir; however, it is understood that services occur beneath the weir which may make this option prohibitively expensive.
- **Channel narrowing:** The permanent basins that occur have slowed water velocity through the estuary, greatly reducing the channels ability to transport sediment out. Thus constricting the channel would increase velocity and aide sediment flushing. This option would require methods to stabilise newly formed creek banks, earth works to fill in behind them and commitment to a landscaping program.
- **Channel narrowing and sediment dredging:** This option is the same as above except that sediment is manually removed from the constricted channel rather than waiting for flow events to achieve this over time.

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- **Reinstatement of the original channel course:** For this option the present headland would be cut through to reinstate the original channel course and the existing weir would be blocked off. The new channel would be excavated to a depth to increase slope and thus improve flushing of fine sediment from the basins.

The report therefore recommends to provide a sustainable solution, improved visual amenity and cost versus outcome, to undertake reinstatement of the original channel course in conjunction with channel narrowing and sediment dredging.

A preliminary estimate of the costs of undertaking the recommended option indicated an approximate cost of \$265, 000. However, more detailed survey information and design plans are needed for a more precise cost estimate.

Council's Strategic Projects Office Manager Mary-Ann Edwards will now be commissioning further environmental and engineering works in addition to public consultation to ensure the Wynyard Yacht Club, affected business and residents are part of the process.

"The implementation of any solution to Camp Creek will take time, but Council is sure the end result will be worth the effort," Ms Edwards said.

"There will be a number of benefits not only for the environment, but also opportunities for the Wynyard Yacht Club and wider community out of the recommended solution, however, this will need to go through a proper process before being implemented."

Council will need to seek a number of approvals before going through any additional works at Camp Creek and Federal or State Government assistance will be required to complete the project.

For more information contact Manager Strategic Projects Mary-Ann Edwards 0458 386 723 or go to www.warwyn.tas.gov.au/campcreek or www.facebook.com/WaratahWynyard