

## Draft words re models [DLM=For-Official-Use-Only]

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**From:** Tony McLeod  
**To:**  
**Date:** Mon, 03 Sep 2018 22:31:40 +0000

Hi – was thinking about your comments as to how to describe clunk runs and thought I'd run this draft past you. Don't have a destination for these words but thought I'd check out the logic. How we often describe it:

...

Models (i.e., the accredited method under BP 10.10) are used each at the completion of each water year to calculate the annual permitted take for that year. The models are an imperfect tool for doing this thus a running account is needed and some tolerances (both in volume and also time) are needed to ensure there is sufficient evidence of a growth in water use before any response is determined to be appropriate.

How to better describe it:

...

Models (i.e., the accredited method under BP 10.10) are used each at the completion of each water year to calculate the annual permitted take for that year. The method adopted under 10.10 will be a best approximation of the WRP arrangements and will ensure that the SDL will be delivered over time.

Going forward from 2019, actual water user behaviour will continue to evolve through, for example, the adoption of new crop types, differing overall water user risk behaviours and other things.

Accordingly, not only are models an imperfect tool for tracking water use under a 'no change' scenario, they do not purport to keep track of evolving water practice (which, subject to overall use meeting the SDL, or other state and BP settings, is not intended to be limited). They do however provide a basis to ensure water use meets the SDL by serving as a tool to keep track of use on an annual basis.

Reflecting the fact that models operate on the above premise, a running account is needed and some tolerances (both in volume and also time) are needed to ensure there is sufficient evidence of a growth in water use before any response is determined to be appropriate.

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*In the spirit of strengthening partnerships with Aboriginal people the MDBA acknowledges the cultural authority of the Traditional Owners in the Murray-Darling Basin*

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