

Barwon Darling Cap model discussion between NSW Government and MDBA

Wednesday 18 March 2015

SAP meeting 1, Agenda item 3

Attendees

[s.47F], [s.22], [s.47F], [s.22]

Key points

1. NSW have carried out an internal review of their current Barwon Darling Cap model. They believe the model is broadly suitable for Cap auditing purposes as it stands, and apart from doing care and maintenance to fix some bugs and errors, they are not proposing to change the model in the future.
2. In addition to the existing Cap model, NSW are also working on a Source SDL model for water resource planning and a water sharing plan-compliant model using IQQM. NSW are trying to align all three models to ensure consistency between them where appropriate, and undertake major model improvements in the Source model only.
3. Given limited resources, NSW priorities in terms of work are:
 - a. Source model for SDL modelling
 - b. IQQM based modelling for water sharing plan requirements, which will also be used to refine the BDL model if needed and will be used to inform the Northern Basin Review
 - c. Cap model
4. The WSP IQQM model will act as a backup platform for SDL model creation if the Source model is not completed in time for WRP accreditation in 2019.
5. From the internal review NSW is going to prepare a report for MDBA outlining issues and bugs that have been identified in the current Cap model and proposed solutions. NSW will then present the report to MDBA towards the end of 2015 so that the Barwon-Darling Cap model can be considered for accreditation till 2019. NSW also intends to engage with stakeholders via the Barwon-Darling Water group on any proposed changes to the Cap model.

This assessment will ensure that the Cap model output and the revised IQQM model output for the WSP for long term diversions is consistent with Cap..
6. MDBA agrees with NSW modelling prioritisation outlined above (point 3) and looks forward to receiving any updates as to the progress of these models as the updated Cap model in late 2015.
7. MDBA expects to receive an updated Cap model from NSW that it will be able to accredit to 2019.