

## Rules and Assessment Criteria Summary Sheet Barwon-Darling Management Zone CU (MZ CU)

<b>Floodplain Management Plan</b>	Barwon-Darling Valley
<b>Plan commencement</b>	30 June 2017
<b>Term of the plan</b>	10 years

### Rules summary

The following rules are a guide only. For more information about the application process please call 1300 662 077.

### All Flood Works

1.	All flood work applications in MZ CU must be assessed against the assessment criteria for MZ CU.
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### Assessment Criteria summary

Flood work applications in MZ CU must be assessed against the following assessment criteria. These assessment criteria are a guide only. For more information about the application process please call 1300 662 077.

### Ecological and Cultural Impacts

1.	A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ CU unless, in the Minister's opinion, the flood work can be constructed to maintain adequate flood connectivity to: <ul style="list-style-type: none"> <li>(a) ecological assets, and</li> <li>(b) facilitate fish passage,</li> </ul> under a range of flood scenarios, including at a minimum, scenarios for the large and small design floods.
2.	A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ CU unless, in the Minister's opinion, the flood work can be constructed to maintain adequate flood connectivity to: <ul style="list-style-type: none"> <li>(a) Aboriginal values, and</li> <li>(b) heritage sites,</li> </ul> under a range of flood scenarios, including at a minimum, scenarios for the large and small design floods.
3.	A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ CU if, in the Minister's opinion, the construction of the flood work is likely to disturb the ground surface of a heritage site or cause more than minimal erosion to a heritage site.

### Drainage Impacts

4.	A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ CU unless, in the Minister's opinion, the flood work can be constructed to maintain adequate drainage on adjacent landholdings and other landholdings that may be affected by the proposed flood work.
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<b>Hydraulic Local Impacts</b>	
5.	<p><b>Redistribution</b></p> <p>In determining whether to grant or amend a flood work approval to authorise the construction or modification of a flood work in MZ CU, the Minister may have regard to whether construction of the flood work would be likely to redistribute the peak flow by more than 5% on adjacent landholdings and other landholdings that may be affected by the proposed flood work when compared to the peak flood flow under existing development conditions for one or more flood scenarios</p>
6.	<p><b>Flood level</b></p> <p>In determining whether to grant or amend a flood work approval to authorise the construction or modification of a flood work in MZ CU, the Minister may have regard to whether construction of the flood work would be likely to increase flood levels by more than or equal to 20 cm on adjacent landholdings and other landholdings that may be affected by the proposed flood work when compared to flood levels under pre-development and existing development conditions for one or more flood scenarios</p>
7.	<p><b>Flow velocity</b></p> <p>In determining whether to grant or amend a flood work approval to authorise the construction or modification of a flood work in MZ CU, the Minister may have regard to whether construction of the flood work would be likely to increase flow velocity by more than 50% on the landholding under application, adjacent landholdings and other landholdings that may be affected by the proposed flood work when compared to flow velocity under pre-development and existing development conditions under one or more flood scenarios, unless:</p> <ul style="list-style-type: none"> <li>(i) increases of more than 50% are in isolated areas where the landholder mitigates the impact on the flood wave so that the average impact across the landholding under application is no greater than 50%, and</li> <li>(ii) flow velocity is not increased by more than 50% at the boundary of the landholding under application</li> </ul>
8.	<p><b>Flood level and high value infrastructure</b></p> <p>In determining whether to grant or amend a flood work approval to authorise the construction or modification of a flood work in MZ CU, the Minister may have regard to whether construction of the flood work would be likely to increase flood levels such that they impact high value infrastructure when compared to flood levels under pre-development and existing development conditions under one or more flood scenarios</p>
9.	<p><b>Flow velocity and soil erodibility</b></p> <p>In determining whether to grant or amend a flood work approval to authorise the construction or modification of a flood work in MZ CU, the Minister may have regard to whether construction of the flood work would be likely to increase flow velocity by an amount that, in the Minister's opinion, is likely to have more than a minimal impact on soil erodibility on the landholding under application, adjacent landholdings and other landholdings that may be affected by the proposed flood work, taking into account the ground cover on those landholdings.</p>
<b>Hydraulic Cumulative Impacts</b>	
10.	<p>In determining whether to grant or amend a flood work approval to authorise the construction or modification of a flood work in MZ CU, the Minister may have regard to whether the construction of the flood work would be likely to redistribute the peak flood flow by more than 5% under existing development conditions at any of the Peak Discharge Calculation Points, at any location and at any other flood scenario considered relevant by the Minister.</p>

**More information** about the Barwon-Darling Valley Floodplain Management Plan is available at the DPI Water website [www.water.nsw.gov.au](http://www.water.nsw.gov.au).

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