

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

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

Rules summary

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

Advertising

1.	<p>An application for a new or amended flood work approval in MZ B must be advertised, unless the flood work is or is proposed to be:</p> <ul style="list-style-type: none"> (a) no more than a maximum height of 80cm above the natural surface level at any location, or (b) used as a stock refuge, and: <ul style="list-style-type: none"> (i) accounts for no more than 5% of the total area of the landholding, and (ii) is no more than 10ha in size in any single location in MZ B, or (c) used to protect infrastructure, and the area enclosed by the flood work accounts for no more than 1% of the total area of the landholding
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Assessment Criteria summary

Flood work applications in MZ B that do not require advertising do not require assessment against assessment criteria 5 – 11 unless required by the Minister. All other flood work applications 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.	<p>A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ B unless, in the Minister's opinion, the flood work can be constructed to maintain adequate flood connectivity to:</p> <ul style="list-style-type: none"> (a) ecological assets, and (b) facilitate fish passage, <p>under a range of flood scenarios, including at a minimum, scenarios for the large and small design floods.</p>
2.	<p>A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ B unless, in the Minister's opinion, the flood work can be constructed to maintain adequate flood connectivity to:</p> <ul style="list-style-type: none"> (a) Aboriginal values, and (b) heritage sites, <p>under a range of flood scenarios, including at a minimum, scenarios for the large and small design floods.</p>
3.	<p>A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ B 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.</p>

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 B 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.
Hydraulic Local Impacts	
5.	<p>Redistribution</p> <p>A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ B if, in the Minister's opinion, construction of the flood work is likely to redistribute the peak flood 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 a range of flood scenarios including, at a minimum the large design flood</p>
6.	<p>Flood level</p> <p>A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ B if, in the Minister's opinion, construction of the flood work is 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 a range of flood scenarios, including at a minimum the large design flood</p>
7.	<p>Flow velocity</p> <p>A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ B if, in the Minister's opinion, construction of the flood work is 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 for a range of flood scenarios, including at a minimum the large design flood, unless:</p> <ul style="list-style-type: none"> (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 (ii) flow velocity is not increased by more than 50% at the boundary of the landholding under application
8.	<p>Flood level and high value infrastructure</p> <p>A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ B if, in the Minister's opinion, construction of the flood work is likely to increase flood levels such that they impact high value infrastructure when compared to flood levels under pre-development and existing development conditions for a range of flood scenarios, including at a minimum the large design flood</p>
9.	<p>Flow velocity and soil erodibility</p> <p>A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ B if, in the Minister's opinion, construction of the flood work is 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>
Hydraulic Cumulative Impacts	
10.	A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ B if, in the Minister's opinion, construction of the flood work is likely to redistribute the peak flood flow by more than 5% at any of the Peak Discharge Calculation Points under existing development conditions.
11.	A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ B if, in the Minister's opinion, the construction of the flood work would be likely to redistribute the peak flood flow under existing development conditions by more than 5% at any location and under any other flood scenario considered relevant by the Minister.

More information about the Barwon-Darling Valley Floodplain Management Plan is available at the DPI Water website www.water.nsw.gov.au.

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