

## Rules and Assessment Criteria Summary Sheet Gwydir Management Zone B (MZ B)

<b>Floodplain Management Plan</b>	Gwydir Valley
<b>Plan commencement</b>	12 August 2016
<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 WaterNSW on 1800 353 104.

### Advertising

1.	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 is advertised, or is proposed to be <ul style="list-style-type: none"> <li>(a) no more than a maximum height of 40cm above the natural surface level at any location, or</li> <li>(b) used as a stock refuge, and:             <ul style="list-style-type: none"> <li>(i) accounts for no more than 5% of the total area of the landholding, and</li> <li>(ii) is no more than 10ha in size in any single location in MZ B, or</li> </ul> </li> <li>(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</li> </ul>
----	---

### Assessment Criteria summary

Flood work applications in MZ B must be assessed against the following assessment criteria. These assessment criteria are a guide only. For more information about the application process please call WaterNSW on 1800 353 104.

### 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 B unless, in the Minister's opinion the flood work will be constructed to maintain adequate flood connectivity to ecological and/or cultural assets, and to facilitate fish passage, under a range of flood scenarios, including at a minimum, scenarios for the 2004 and 2012 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 B unless, 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

3.	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 will be constructed to maintain adequate drainage on adjacent landholdings and other landholdings that may be affected by the proposed flood work.
----	--

<b>Hydraulic Local Impacts</b>	
4.	<p><b>Redistribution</b></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 2012 design flood.</p>
5.	<p><b>Flood level</b></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 10cm 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 2012 design flood.</p>
6.	<p><b>Flow velocity</b></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 conditions for a range of flood scenarios, including at a minimum the 2012 design flood.</p>
7.	<p><b>Flow velocity and soil erodibility</b></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 is likely to have more than a minimal impact on soil erodibility on adjacent landholdings and other landholdings that may be affected by the proposed flood work, taking into account the groundcover on those landholdings.</p>
<b>Hydraulic Cumulative Impacts</b>	
8.	<p>A flood work approval must not be granted or amended to authorise the construction of a flood work in MZ B if, in the Minister's opinion:</p> <ul style="list-style-type: none"> <li>- 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 shown on the map called <i>Peak Flood Flow Distribution (2012) Map (FMP007_Version1) Floodplain Management Plan for the Gwydir Valley Floodplain 2016</i> under existing development conditions, and</li> <li>- construction of the flood work would be likely to redistribute the peak flood flow by more than 5% at any location and under any flood scenario considered relevant by the Minister.</li> </ul>

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

© State of New South Wales through the Department of Industry, Skills and Regional Development, 2017. You may copy, distribute and otherwise freely deal with this publication for any purpose, provided that you attribute the NSW Department of Primary Industries as the owner.

Disclaimer: The information contained in this publication is based on knowledge and understanding at the time of writing (March 2017). However, because of advances in knowledge, users are reminded of the need to ensure that information upon which they rely is up to date and to check currency of the information with the appropriate officer of the Department of Primary Industries or the user's independent adviser.

DPIW BN15\_251