

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

Floodplain Management Plan	Gwydir Valley
Plan commencement	12 August 2016
Term of the plan	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.

All Flood Works

1.	A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ C, unless the application has been assessed against the assessment criteria for MZ C.
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Assessment Criteria summary

Flood work applications in MZ C 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 C 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 one or more flood scenarios, including at a minimum, scenarios for the 2012 design flood and the 1% AEP flood.
2.	A flood work approval must not be granted or amended to authorise the construction or modification of a flood work in MZ C 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 C 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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Hydraulic Local Impacts

4.	<p>Redistribution</p> <p>A flood work approval may not be granted or amended to authorise the construction or amendment of a flood work in MZ C 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 under one or more flood scenarios.</p>
5.	<p>Flood level</p> <p>A flood work approval may not be granted or amended to authorise the construction or amendment of a flood work in MZ C 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 under one or more flood scenarios.</p>

6.	<p>Flow velocity</p> <p>A flood work approval may not be granted or amended to authorise the construction or amendment of a flood work in MZ C 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 under one or more flood scenarios.</p>
7.	<p>Flow velocity and soil erodibility</p> <p>A flood work approval may not be granted or amended to authorise the construction or modification of a flood work in MZ C 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>
Hydraulic Cumulative Impacts	
8.	<p>A flood work approval may not be granted or amended to authorise the construction or modification of a flood work in MZ C if, in the Minister's opinion construction of the flood work is likely to redistribute the peak flood flow by more than 5% under existing development conditions 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> at any location and under any other flood scenarios considered relevant by the Minister.</p>

More information about the application process for the Gwydir Floodplain Management Plan is available at the DPI Water website www.water.nsw.gov.au.

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