



Appendix B: Initial Community Consultation (August/September 2016)

ID	Group	Comment	WMAwater Response
1	Gumly Community	Community consultations, recommendation of a different venue to be used for community Workshop rather than that typically used. I.e Men's Shed, Old School, Irrigation plant sheds, Gumly Common (on the bend). This workshop could include input from the NSW SES with a discussion of flood awareness.	Noted, will endeavour to implement in Public Exhibition
2	Gumly Community	Community consultation with a smaller group of key locals be undertaken prior to the main community workshop. This will assist in community acceptance of the study.	Noted, will endeavour to implement in Public Exhibition
3	Gumly Community	There is a need for more consultation than what is already proposed for the current study.	Noted.
4	Gumly Community	The impacts of local quarries (x3) to be investigated. Will help to build community support.	Noted, to be raised with Council. Modelling impacts is not in the scope of this FRMS, however recommendations pertaining to enforcement of flood related development controls will be made.
5	Gumly Community	An explanation of why Burrinjuck dam does not provide effective flood mitigation.	See Section 9.5.3. Burrinjuck Dam is used primarily for water supply for irrigation and town needs along the Murrumbidgee. Its secondary purpose is flood mitigation, however this requires a large amount of 'airspace' to be maintained, which is at odds with retaining sufficient water supply.
6	Gumly Community	The modelling of community misconceptions/superstitions such as the 'blowing up of Malebo Gap' or providing a flowpath to the north of North Wagga' to show the effect that these have on flood levels.	These options have been modelled and are assessed in Section 9.3.4.2 (option BF1 North Wagga Bypass Floodway) and Section 9.3.5.1. (option CM1 Excavation of Malebo Gap) of the report.

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7	Gumly Community	Most people do not evacuate during flood and there is a risk of isolation for several days. Only vulnerable such as the elderly and children are evacuated.	Noted. This is considered in the various levee construction options (Section 9.3) and the response modification measures (Section 9.8).
8	Gumly Community	There was no assistance from the SES during 2010 or 2012 floods as they were too busy. Would like to work with the SES to create a Gumly Flood Plan and Flood Intelligence Card for the community. In need of a realistic evacuation strategy.	Noted. SES involvement, a recommendation has been made for the installation of a local water level recorder at Oura. See Section 9.8.1.
9	Gumly Community	The rate rise to fund levees is not fair for people not protected by the levees	The wider community benefits from an improved level of protection for the main city levee as it protects critical and regional important infrastructure. Noted as a social impact of assessed levee options in 9.2.1.
10	Gumly Community	Gumly believes that a Facebook page similar to the Gundagai Floods page would be good for the community	Noted. Further - Gumly is likely to be covered by Facebook page Wagga Wagga Under Water (https://www.facebook.com/Wagga-Wagga-Under-Water-146178962100878/)
11	Gumly Community	Insurance premiums being unaffordable.	Information on this is provided in Appendix M Section M3.7.
12	Gumly Community	The community understands that they live on a floodplain. But think it is unacceptable that flooding is made worse due to development.	Noted, recommendations made regarding development controls to minimise flood impact (Section 9.7.5).
13	Gumly Community	Acceptance of main city levee, but do not agree with raising of North Wagga levee. Why are North Wagga properties more important than those living outside of the levee?	Community attitude to North Wagga Levee noted. Flood level impacts of levee upgrades are presented in Section 9.3.
14	Oura Community	There has been previous consultation with Council regarding the Future Floods program. It is recommended that WMAwater obtain the minutes from these previous meetings and incorporate findings into the current study	Minutes have been recorded from http://yoursaywagga.com.au/floodfutures/documents and considered in the current study.

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15	Oura Community	If North Wagga levee is raised will this impact on flood levels at Oura?	Two options for the North Wagga levee were assessed, testing both raising to the 5% AEP and 1% AEP protection levels, with and without raising Hampden Road for egress. Flood impacts do not generally extend further upstream (east) beyond Gumly Gumly.
16	Oura Community	There is a desire that a levee for Oura to be investigated as part of the current study. (More information available from the Future Floods consultation where it was previously suggested).	A levee for Oura has been assessed in Section 9.3.1.1. It has been found to not be viable.
17	Oura Community	Community members believe that the model is incorrect and inaccurate (More information regarding this is available as part of the Flood Futures consultation) WMAwater to examine.	Noted. The model is based on recently acquired LiDAR data and other survey, using current industry best practice. It should be noted that the model is designed to represent 'the big picture', and it may not accurately show smaller scale flood inundation consistent with community experience.
18	Oura Community	Oura can be cut off due to road flooding for several days. There is a wish to see flood access and egress be examined. (The road to Junee is the current access route during times of flood)	Several road raising options have been assessed in this study, including Oura Road and Sturt Hwy. For Oura Road see Section 9.3.1.2.
19	Oura Community	If floodplain development occurs, increased flood levels for access road is not acceptable	Noted. This is reflected in recommended flood related development controls (Section 9.7.4.)
20	Oura Community	Does the private levee operating at Eringoarrah on the southern floodplain impact flood behaviour at Oura?	An individual impact assessment is not within the scope of this study.
21	Oura Community	Is working with NSW SES on the Oura Local Flood Plan. SES officer responsible is Ian Leckie.	Noted.
22	Oura Community	Would like if the proposed Oura Local Flood Plan could be tied in with a Flood Intelligence Card to tie flood response to a specific gauge level.	Noted. For discussion with SES.

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23	Oura Community	Local community is proposing to purchase the local church to use as an evacuation centre.	Noted and recommended in Section 9.3.1.1.
24	Wagga Floodplain Residents Protection Association Inc.	Flood risk is increasing because of Council development.	Noted. This is reflected in recommended flood related development controls (Section 9.7.4.)
25	Wagga Floodplain Residents Protection Association Inc.	Concerns that some Association members may see increases of up to 0.3 m associated with levee raises (both North Wagga and CBD).	Noted. The current assessment seeks to identify the impacts of such levee developments to determine the suitability of the construction. This is in accordance with the Floodplain Development Manual, which has a primary aim of reducing the impact of flooding and flood liability on individual owners and occupiers of flood prone property.
26	Wagga Floodplain Residents Protection Association Inc.	NSW law says that any development on a floodplain that adversely affects a neighbour should be mitigated or compensated.	This is addressed in Council's flood related development controls
27	Wagga Floodplain Residents Protection Association Inc.	At a meeting with Council (2013) it was mentioned that detailed investigation of third party impacts on a case by case basis for properties situated outside of the levee would be undertaken. This investigation has not happened.	This impact investigation is not within the scope of this study, however the report does examine the impacts on the rest of the floodplain that would be caused should the North Wagga levee be raised.
28	Wagga Floodplain Residents Protection Association Inc.	Public Works Department report for raising the North Wagga levee was noted to be flawed and bias. Tone encourages construction of the North Wagga levee and increasing design height of CBD levee to include North Wagga levee impacts.	Raising of North Wagga Levee has been independently assessed in the current study, see Section 9.3.3.

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29	Wagga Floodplain Residents Protection Association Inc.	There is concern that the raising the levees could lead to decreases in property value and increase capital losses.	Noted as a social impact of assessed levee options in 9.2.1 and 9.2.3.
30	Wagga Floodplain Residents Protection Association Inc.	Comment that PWD report had very limited information relating to third-party impacts. Would like a more detailed analysis done as part of the current FRMS&P.	Detailed analysis and mapping of flood impacts is provided for all assessed mitigation options. A multi-criteria matrix assessment considers factors other than flood impact to gain an insight into the suitability of any proposed works.
31	Wagga Floodplain Residents Protection Association Inc.	Comment that flood insurance will increase and is already unaffordable. Insurance companies have a blanket cost for properties situated on the floodplain outside of the levees even though many of these properties are situated on ground higher than the levees.	Cannot comment on individual insurance agencies, however the Insurance Council of Australia provides detailed fact sheets on how flood information is used for insurance pricing. Information provided in M3.7.
32	Wagga Floodplain Residents Protection Association Inc.	Comment that Council will not provide the flood model to insurance companies. This is potentially adversely impacting of some people's premiums.	Cannot comment on individual insurance agencies, however the Insurance Council of Australia provides detailed fact sheets on how flood information is used for insurance pricing. Information provided in M3.7.
33	Wagga Floodplain Residents Protection Association Inc.	Council have provided individual property maps which have not been accepted by insurance companies	Cannot comment on individual insurance agencies policies.

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34	Wagga Floodplain Residents Protection Association Inc.	Comment that damages and calculation of AAD need to be considered below floor flooding and flooding of rural/farm lands.	The damages assessment (Section 7) includes both above and below floor damages and is undertaken in accordance with NSW Government guidelines.
35	Wagga Floodplain Residents Protection Association Inc.	Reduce long term AAD by not increasing zoning density behind the levees.	Noted and included in the discussion of Planning and Future Control Measures in Section 9.7. Information also in M3.5.
36	Wagga Floodplain Residents Protection Association Inc.	Comment that if North Wagga levee is raised, increased development will likely result behind that levee. This will lead to an increase in AAD.	See M3.5.
37	Wagga Floodplain Residents Protection Association Inc.	AAD only considers existing conditions, however comments that conditions will change with mitigation strategies implemented & more development to occur behind levees	Noted, see M3.5 regarding development behind levees.
38	Wagga Floodplain Residents Protection Association Inc.	When PWD analysed North Wagga B/C ratio, cost of evacuation and other intangibles were not included.	It is difficult to quantify such intangibles. For that reason a multi-criteria matrix assessment has been undertaken to supplement the BC analysis.

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39	Wagga Floodplain Residents Protection Association Inc.	Wishes to see the psychological cost of inequity for people living in and out of the levees.	Agree this would be interesting, and may be an investigation Council wishes to undertake separately as it is not within the scope of the current report.
40	Wagga Floodplain Residents Protection Association Inc.	Would like to see collection of data relating to damages as per Appendix M of FDM post flood events.	A detailed damages assessment is provided in Section 6, with further information in Appendix C.
41	Wagga Floodplain Residents Protection Association Inc.	Would like to see strategic planning (long term) examined as part of the current study.	This is addressed by recommendations for development controls considering cumulative impacts (Section 10).
42	Wagga Floodplain Residents Protection Association Inc.	Opening new sites for development away from the floodplain.	Future development zones are discussed in 5.10.2 and shown in figures G1 and G2.
43	Wagga Floodplain Residents Protection Association Inc.	Examine world's best practise for flood mitigation. Holland for example.	WMA Water acknowledges that lessons in floodplain risk management can be learned from other communities both in Australia and overseas. For this report flooding has been focused on in an Australian context. An example of this is the 2017 flooding in Lismore as referenced in Section 9.3.

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44	Wagga Floodplain Residents Protection Association Inc.	Issue with vegetation management is that it cannot be assured that it will continue long term.	Vegetation Management has been examined in Section 8.4.1 and notes that ongoing maintenance is key to the success of such a plan.
45	Wagga Floodplain Residents Protection Association Inc.	Local quarries do not comply with Council rules and regulations. Walls are much higher than allowed. Council not monitoring conduct and enforcing compliance.	This is an issue for Council, not within the scope of this study.
46	Wagga Floodplain Residents Protection Association Inc.	Gillard Road has been built up by local quarry across a flood runner which is blocking/diverting flows.	An individual impact assessment is not within the scope of this study.
47	Wagga Floodplain Residents Protection Association Inc.	Council are storing large piles of dirt and road demolition waste on the floodplain.	Noted.