

Details

- Meeting:** Healthy Floodplains Review Committee
- Location:** Teleconference
- Date/time:** Tuesday 15 September 2020
9.00am – 11.40 pm
- Chairperson:** [REDACTED]

Attendees

Committee:

1. [REDACTED], Independent Chair of the Healthy Floodplains Review Committee
2. [REDACTED], NSW Farmers Association representative, landholder from the Caroon area of the Liverpool Plains
3. [REDACTED], NSW Nature Conservation Council representative and landholder Mudgee
4. [REDACTED], NSW Irrigators Council representative, Local Irrigator and landholder, Moree

DPIE – Water Healthy Floodplains:

5. [REDACTED] - Director Healthy Floodplains (part meeting)
6. [REDACTED], Manager Licencing Healthy Floodplains Project, DPIE
7. [REDACTED], Senior Project Officer, DPIE
8. [REDACTED] Senior Project Officer, DPIE
9. [REDACTED], Project Officer, DPIE (minutes)

Natural Resources Access Regulator:

10. [REDACTED] Manager Floodplain Harvesting, NRAR
11. [REDACTED] - Senior Water Regulatory Officer, NRAR
12. [REDACTED] - Senior Water Regulatory Officer, NRAR

Invitees:

- [REDACTED] – Alluvium Consulting Australia Pty Ltd (part meeting)

This meeting

No.	Issue	Action	Responsible	Date due
1	Welcome	Meeting open	Chair	n/a
2	Declaring conflict of interests	None declared	Chair	
3	Confirmation of meeting 18 August 2020 minutes	Moved by [REDACTED] Seconded by [REDACTED]	Chair	
4	Confirmation of meeting 21 August 2020 minutes	Moved by [REDACTED] Seconded by [REDACTED]	Chair	
5	Confirmation of meeting 25 August 2020 minutes	Moved by [REDACTED] Seconded by [REDACTED]	Chair	
6	Confirmation of meeting 31 August 2020 minutes	Amended to delete last item. Moved by [REDACTED] Seconded by [REDACTED]	Chair	
7	Proposed services by [REDACTED] Alluvium Consulting Australia Pty Ltd. [REDACTED] gave an overview of services described in the 15 September 2020 proposal and requested committee endorsement.	Moved by [REDACTED] Seconded by [REDACTED]		

<p>8</p>	<p>█████ gave an overview of the departments modelling. Confirmation that expert panel members are prepared to give their time freely. If extensive work is required, this may change, but not anticipated. Committee can contact █████ for information, if occurs █████ will report to committee.</p>	<p>Explanation of modelling methods used by the department.</p> <p>Hydrological models built with input parameters using previously calibrated data against observed data. Input parameters: physical set up, observed data and adjust for analysis of local site conditions then add other adjustment 'levers' for the best matched available data.</p> <p>Model is suitable at farm scale. Confident in Department's model as it uses a calibrated approach versus USDA model which is not relevant, the departments model includes observed data.</p> <p>Discussion on rainfall runoff and rainfall intensity</p> <p>Rainfall intensity is a difficult variable to measure as there are not enough rainfall stations across the basin.</p> <p>Rainfall runoff - each type of land use is included eg. fallow, irrigated, vegetated and characteristics such as water infiltration, soil type, tillage. Models has some observed rainfall data and is at creek scale (typically 50 km²) as there is no current paddock scale data. As there is transmission loss from the creek to the paddock can't just use the creek scale data, therefore information adjusted.</p> <p>The model is then run, and the farm scale validation process allows for modellers to drill in for checking. If there are any issues found on an individual or large scale then the model is refined. It doesn't mean the</p>		
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No.	Issue	Action	Responsible	Date due
		original model was wrong, it just allows for finer scale refinement. Questions and answers Does the department take losses into account for the allocations? Yes, there is equitable division of water and it is fair.		
9	Endorsement of Peer Review Panel names. [REDACTED] is intending to contact and include [REDACTED] if available.	Moved by [REDACTED] Seconded by [REDACTED]		
	Submissions			
10	Submission # G004 [REDACTED]			
11	Submission # G005 [REDACTED]			
12	Submission # G006 [REDACTED]			
13	Submission # G007 [REDACTED]			
14	Submission # BD022 [REDACTED]			
15	Submission # G100 [REDACTED]			
16	Submission # G123 [REDACTED]			
17	Submission # G153 [REDACTED]			
18	Availability of committee for remainder of calendar year	Dependent of rainfall/harvesting November is difficult. Weekly placeholders to be set for October	[REDACTED]	Actioned 18/9/20
19	Other business			
20	Meeting close	11.36 am	Chair	

Submission Outcomes

Submission number and property	Issue	Comment	Committee Determination	Actions
G004 [REDACTED]	1a. Contesting storage volume x 2 FPH9 and FPH10.		Recommend: Combined FPH9 and FPH10 - increase storage volume from 450ML to 541ML, an increase of 91ML for eligible works.	
	1b. Contesting, naming of OFS intake details or type, area of storage, freeboard of storages (FPH8).		Recommend: Amend OFS9 to reservoir 9 and 10 – [REDACTED] That the intake for these reservoirs be noted as gravity and pump That the storage is recorded as 14.4ha That the storage capacity reference be 1m freeboard.	
	2. Intake details for OFS 11 (Res12).		Recommend: Storage intake be noted as gravity and pump.	
	3. Contesting total flow rate (pumping capacity) FPH40 (32ML to 50ML/day).		Recommend: FPH40 – amend from 380mm pump to a 440mm pump with a capacity of 38ML/day.	
	4. Requesting addition of 1500mm pipe.		Recommend: That NRAR data is updated to reflect the presence of the pipe, but it is not eligible for FPH.	
	5. Requesting inclusion of Channel 58 and three additional		Recommend: The inclusion of Channel 58 and 1 x 300mm, 1 x 650mm and 1 x 260mm	

	pipes from channel FPH58 - 1 x 300mm, 1 x 650mm, 1 x 260mm.		pipes as eligible works and in WSWA.	
G005 ████████	6. Contesting storage volume FPH 6 from 1290ML to 1397ML, an increase of 107ML.	Additional evidence received 21/08/2020 - Landholder has accepted the proposed volume of 1290 ML at 1m freeboard, however, states that the storage in practice is filled to the 0.6 freeboard to a volume of 1397 ML.	Recommend: FPH6 capacity be recorded as 1290ML.	
	7. Contesting pump capacity FPH 84 from 70ML to 90ML/day.		Recommend: FPH 84 pump size be recorded as 1 x 500mm and 1 x 660mm centrifugal with a combined capacity of 210ML/day.	
	8. FPH 7 - requesting additional storage and 580mm pump at 80 ML /day.		Recommend: a. FPH7 - support permanent at 70ML capacity at 1 m freeboard for modelling and works approval b. Support additional 1100mm pipe as eligible works c. Support inclusions of additional lift pump 580mm pump with a daily capacity of 65ML/day.	

<p>G006 ██████████</p>	<p>9. Requesting 2500ML storage and surge.</p>		<p>Department to obtain legal advice regarding issues surrounding timeframes for construction of eligible works development after 3rd July 2008.</p>	<p>██████████ to seek legal advice and report back to committee.</p>
<p>G007 ██████████</p>	<p>10. Requesting that FPH 2 be changed from a pump to gravity fed.</p>		<p>Recommend: FPH2 is recorded as to both pump and gravity.</p>	
	<p>11. Contesting storage volume for FPH 4 and FPH 5.</p>		<p>Recommend: FPH4 – increase in volume from 2000ML to 2239ML, an increase of 239ML FPH5 – decrease in volume from 2410ML to 2333ML, a decrease of 77ML based on evidence provided (survey data).</p>	
	<p>12. FPH 24 - requesting change of pump size from 1800mm to 2000mm.</p>	<p>NRAR supports claim and previously tried to contact landholder to effect change.</p>	<p>Recommend: FPH 24 - change of pump size from 1800mm to 2000mm based on the provision of photographic evidence provided to NRAR.</p>	<p>Request photographic evidence.</p>
	<p>13. Requesting additional storage at OFS 1 as gravity fed</p>		<p>Recommend: Amend OFS1 from temporary storage to permanent with gravity fed capacity of 120ML for a total on farm capacity of 4682 ML.</p>	
<p>BD022 ██████████</p>	<p>1. Contesting storage volume FPH1 from 400ML to 837 ML, an increase of 437ML.</p>		<p>Recommend: FPH1 – amending storage volume to 837ML and include 10ML supply channel storage for a total of OFS of 847ML.</p>	

Returning Submission				
G100 [REDACTED]	2. Returning for issue 1 – FPH3 (previously determined 18 Aug) requests change from 774 to 700ML.		Recommend: FPH3 - remains at NRAR capacity of 720 ML.	
Returning Submission				
G123 [REDACTED]	<p>1. Claiming additional 536ha of irrigated area 1993-99 (from 434ha to 970ha)</p> <p>Assessed for FPH as one property as that is how they operated in 2008.</p> <p>Property has been divided into 2 ([REDACTED] and [REDACTED]) and sold.</p> <p>Both landholders have agreed to split this entitlement 50:50 (1180ML for each property).</p> <p>See also department brief</p>		<p>Recommend:</p> <p>Based on ground water only policy the total floodplain harvesting for both properties (G123 [REDACTED] and G153 [REDACTED]) be set at 2360ML/day.</p> <p>The additional irrigation area requested is not supported by evidence and is rejected.</p>	
G153 [REDACTED]	Confirmation of eligible works for [REDACTED] and acceptance of draft entitlement		Combined – see above	

Meeting closed

12.30pm

Next meeting

22 September 2020 (teleconference)