

Details

Meeting:	Healthy Floodplains Review Committee
Location:	Teleconference
Date/time:	Tuesday 14 July 2020 9.00am – 12.15 pm
Chairperson:	[REDACTED]

Attendees

Committee:

1. [REDACTED], Independent Chair
2. [REDACTED], Landholder from the Caroon area of the Liverpool Plains
3. [REDACTED], Nature Conservation Council and landholder Mudgee
4. [REDACTED], Local Irrigator and landholder Moree

DPIE – Water Healthy Floodplains:

5. [REDACTED], Principal Project Officer DPIE
6. [REDACTED] Senior Project Officer, DPIE
7. [REDACTED], Senior Project Officer, DPIE
8. [REDACTED], Project Officer, DPIE (minutes)

Natural Resources Access Regulator:

9. [REDACTED] - Senior Water Regulatory Officer, NRAR
10. [REDACTED], Water Regulations Officer

Apologies

1. [REDACTED] – Manager Floodplain Harvesting, NRAR
2. [REDACTED], Director Healthy Floodplains Project

This meeting

No.	Issue	Action	Responsible	Date due
1	Meeting open	██████████ welcomed all and noted attendance / apologies.	Chair	n/a
2	Declaring conflict of interests	None declared	Chair	n/a
3	Review of submissions		All	n/a
4	Break	Meeting paused at 10.30am, reconvened at 10.40am.	All	n/a
5	Review of submissions		All	n/a
6	Meeting close	12.15pm	Chair	n/a

NB: the minutes of the previous meeting, 14, were not considered at this meeting. They were endorsed during Meeting 18 on 18.8.20.

Submission Outcomes

Submission number and property	Issue	Comment	Committee Determination	Actions
3-BR052 ██████████	1. Addition of 1200mm pipe. Consider whether missing pipe should be included on Water Infrastructure Plan (WIP) and modelling.	(Note: original request was for 1200mm pipe, but photo evidence shows a 1500mm pipe).	Recommend: Addition of 1500mm pipe to Water Infrastructure Plans as it improves access only	Letter drafted for Committee and sent 16 th July 2020
	2. Request that FPH 23 Pipe is 1066mm (42") not 750mm. Consider whether missing pipe should be included on WIP and modelling.	Clarification from NRAR is that FPH23 (750mm pipe) is noted as the FPH point. FPH24 is for conveyance of tailwater return (TWR) and is not for FPH.	Recommend: Pipe not to be included in flood plain harvesting eligible works as used for internal water conveyance only.	

	3. Consider whether storage 5 should have a pump size of 450mm.	Siphon (to allow first and last flush to stream to continue through) installed as part of previous compliance by DPI Water, therefore the siphon is new everything else (channel, pump etc is existing pre 2008).	Recommend: That 450mm pump is included in eligible FPH works with a pumping capacity of 57ML/day.	
	4. Consider whether the siphon should be included on the WIP.		Recommend: 80mm siphon be included in eligible works on WIP for compliance purposes.	
	5. Consider whether additional pipe should be included (referenced FPH 31).		Recommend: Inclusion of 2 x 750mm pipes at FPH35.	
	6. Consider whether additional pipe should be included.		Recommend: That this pipe is not included in eligible FPH works as it is for blow out point only.	
	7. Consider whether 750mm button valve should be included	Button valve pipe used to move water (conveyance to the west) therefore not FPH.	Recommend: The 750mm button valve pipe is not included in eligible FPH works as it is internal works. Include in Water Supply Work Approval (WSWA's).	

	8. Consider whether 1200mm pipe should be included.	Not eligible for FPH – new pipe adjacent to button valve, allows above button valve water to move west. Can be included in WSWA.	Recommend: That the 1200mm pipe is not included as eligible FPH works. Include in Water Supply Work Approval (WSWA's).	
10-G156 [REDACTED]	1. Inclusion of surge area.		Recommend: This request is out of scope for the committee and cannot be included in eligible FPH works. Surge area can be accounted for in modelling if relevant evidence is provided to the Department.	Letter drafted for Committee and sent 16 th July 2020
12-G011 [REDACTED]	1. Additional storage request to account for storage capacity for OFS3 prior to July 2008.		Withdrawn – more evidence required.	Request consultant (SMK) to provide further information based on LiDAR top of bank levels and storage curve analysis.

<p>13-G132 [REDACTED]</p>	<p>1. Contesting storage capacity FPH1.</p>		<p>Recommend: Storage volume to be increased by 130ML to 960ML.</p>	
<p>16-G052_G055 [REDACTED] - [REDACTED]</p>	<p>1. Contesting storage capacity (G052-FPH 4).</p>		<p>Recommend: Based on email advice from DPIE – Water [REDACTED] dated 23rd June 2020 regarding guidelines for temporary storage freeboard of 0.5 metres, that the temporary storage of FPH4 ([REDACTED]) be increased by 720ML from 970ML to a total of 1690ML (with a freeboard of 0.5m).</p>	
	<p>2. Contesting storage capacity x 3 (G055).</p>		<p>NRAR to confirm 1m freeboard is being used and return to committee.</p>	
	<p>3. Contesting pipe intake rates (G055).</p>		<p>Recommend: That the pipe intake rates remain at 528ML/day as specified by NRAR.</p>	
	<p>4. Additional pipe request on FPH 2 OFS 2 Dam 32 (G055).</p>		<p>Recommend: Support the inclusion of pipe FPH28 as an internal pipe as eligible works. Pipe can be included for modelling purposes at 322ML/day intake rate.</p>	
	<p>5. Additional pipe request from Channel FPH 41 (G055).</p>		<p>Recommend: Support the inclusion of pipes (FPH9, FPH10 and FPH11) and channel (FPH42) in eligible works.</p>	


	6. Contesting pipe intake rates FPH 22 & 29 (G055).		Recommend: Support amending intake rates of FPH22 to 428ML/day and FPH29 to 176ML/day for a total of 604ML/day.	
	7. Contesting pipe intake rates FPH 15 (G055)	Pipe is included in eligible works but is an internal works control point within a below ground channel.	This request is out of scope for determination by the committee, refer to NRAR.	
21-BR040 [REDACTED]	1. Contesting storage capacity FPH1.		Recommend: Based on the Statutory Declaration provided by the landholder; that the storage volume for FPH1 is increased by 169ML from 930ML to 1099ML.	Letter drafted for Committee and sent 16 th July 2020
27-G014 [REDACTED]	1. Contesting storage volume.		Recommend: An increase of 110ML storage volume of FPH2 from 1490ML to 1600ML.	Letter drafted for Committee and sent 16 th July 2020
	2. Inclusion of 1050mm pipe in field 27 for FPH access.		Recommend: That the 1050mm pipe is not included as it is not part of FPH eligible infrastructure.	

29-G016 [REDACTED]	1. Contesting pump capacity on FPH 36 (52ML day from 31ML day).		Recommend: Increase the pump capacity from 31ML/day to 52ML/day (the 380mm pump as eligible works).	Letter drafted for Committee and sent 16 th July 2020
	2. Contesting storage volume FPH1.		Recommend: Increase of 136ML to storage volume for FPH1 to a volume of 1126ML.	
	3. Amend pump FPH 36 from 380mm to 660mm (2019.)		Recommends: That pump size is not amended and remains at 380mm on eligible works. Will be included on WSWA as 660mm with flow rate of 52ML/day (based on 380mm pump in place in 2008.	
31-G062 [REDACTED]	1. Contesting volume of FPH1 Cell 2.		Recommend: Decrease storage volume (FPH1, Cell 2) of 15ML to a volume of 2845ML.	
	2. Contesting volume of FPH2 Cell 1 (Eastern).		Unable to make recommendation based on evidence. Require more evidence regarding storage height in 2008 or Statutory Declaration.	More evidence required such as a qualified document or a Statutory Declaration for 2008. Send letter.

	3. Contesting pump capacity.		Recommend: Amending pumping capacity to 140ML/day for each pump for a total of 560ML/day for four pumps.	
32-BR014 [REDACTED]	1. Contesting storage capacity x3 (FPH1, FPH2 & FPH3).		Recommend: Amendment of storage volumes: FPH1 - increase of 150ML from 2750ML to 2900ML at 1m freeboard. FPH2 – NRAR further investigated required, not yet determined FPH3 – not yet determined.	Requires more information for FPH2 & FPH3.
	2. Request to amend pipe size FPH 8 from 1200mm to 1500mm.		Recommend: Amendment of pipe size (FPH8) from 1200mm to 1500mm.	
	3. Request to amend pipe size FPH17 from 1500mm to 1200mm. Note: amended request in evidence response (should be 1 x1200 and 1x1500).		Recommend: Amendment of pipe (FPH17) from 1500mm to 1200mm and addition of channel from pipe (FPH19) to [REDACTED] boundary.	

	4. Contesting pump capacity FPH 23 (from 140 ML/day to 350 ML/day for 2 pumps).		Recommend: Amending pumping capacity from 140ML/day to 175ML/day on receipt of evidence of 550mm pump size evidence.	Size of pump to be confirmed.
	5. Contesting pump capacity FPH 24 (from 120 ML/day to 175 ML/day).		Recommend: Amending pumping capacity from 120ML/day to 140 ML/day.	
	6. Contesting pump capacity FPH 25 (from 70 ML/day to 80 ML/day).		Evidence required – based on the size of pump and performance information 75 ML /day is supported.	Size of pump info required and pump performance information
35-BR024 [REDACTED]	1. Contesting storage volume x 3. Note: additional storage information added to submission, now 3 storages.		Recommend: Increasing storage volume as follows: FPH1 - increase of 5ML from 730ML to 735ML FPH2 - increase of 565ML from 3160ML to 3725ML FPH3 – increase of 51ML from 361ML to 411ML Increase for property of 621 ML from a total of 4250 ML to 4871 ML.	Letter drafted for Committee and sent 16 th July 2020
	2. Correction of pump type FPH11.		Recommend: That pump type (FPH11) be amended from axial flow to centrifugal.	
	Contesting rate of take (states 30-36ML/day) pump.		Recommend: That pump capacity remains at 22ML/day as no evidence is available to support the request of 30-36ML/day.	

35-BR026 [REDACTED]	1. Contesting storage volume FPH1.		Recommend: Maintaining storage volume at 2840ML.	Letter drafted for Committee and sent 16 th July 2020
	2. Correction of pipe end FPH4 to open end (from flap).		Recommend: Amending pipe end (FPH4) from flap-end to open-end.	
	3. Requesting amendment of pipes FPH2 & FPH6 to 1050mm, addition of 1050mm pipe.		Recommend: Addition of pipes FPH6 (1050mm - gated) and 1050mm pipe leading from channel 13. Inclusion of pipe FPH2 (pipe X) is out of scope for the committee. NRAR have determined that this pipe is for internal conveyance only.	
	4. Requesting inclusion of channels (FPH13).		Recommend: That Channel FPH13 should be included as eligible works.	
	5. Requesting additional pipes (intake points) on Field 17 (900mm pipe) and Field 18 (1200mm pipe).		Recommend: Inclusion of 900mm (field 17) and 1200mm (field 18) pipes as eligible works.	

35-BR031 	1. Contesting storage volume x 2 (Evidence for FPH1 received 24/6/20).		Recommend: Amending storage volumes: FPH1 - increase of 17ML from 1600ML to 1617ML FPH3 - increase of 340ML from 2360ML to 2700ML.	Letter drafted for Committee and sent 16 th July 2020
	2. Requesting amendment of pipe FPH 6 to 900mm.		Recommend: Amending pipe (FPH6) from 1050mm to 900mm.	
	3. Requesting additional pipe.	Determined at 12 th June 2020 meeting.	Recommended: That pipe is not included as an eligible FPH work as any water taken via this pipe, from the associated channel, would be taken from an unregulated water source.	
	4. Requesting additional channel (with above pipe).	Determined at 12 th June 2020 meeting.	Recommend: That channel is not included as an eligible FPH work as any water taken via this channel would be taken from an unregulated water source.	
	5. Requesting additional 500mm pump.	Determined at 12 th June 2020 meeting.	Recommends that 500mm pump be included as an eligible FPH work as a lift pump from temporary water restriction/flood plain harvesting return channel.	

<p>35-BR032 [REDACTED]</p>	<p>1. Contesting storage volume x 3 (FPH1,2).</p>		<p>Recommend: Amendments to storage volume: FPH1 - increase of 145ML to 1035ML FPH2 - increase of 258ML to 1528ML FPH3 - increase of 788ML to 4438 ML. Total increase of 1191ML for total storage volume from 5710 ML to 6901ML.</p>	<p>Letter drafted for Committee and sent 16th July 2020</p>
	<p>2.</p>	<p>Determined at 12th June 2020 meeting.</p>	<p>Recommended: That pumps FPH28 and FPH29 remain as eligible FPH works and included on water supply works approval.</p>	
	<p>3.</p>	<p>Determined at 12th June 2020 meeting.</p>	<p>This issue is outside of the committee's scope for determination. This pump is part of works connected to an unregulated water source.</p>	
	<p>4.</p>	<p>Determined at 12th June 2020 meeting.</p>	<p>This issue is outside of the committee's scope for determination. The channel and pipe are works connected to an unregulated water source.</p>	

<p>36-G056 [REDACTED]</p>	<p>1. Contesting storage volume x 2 (FPH1, FPH2).</p>		<p>Recommend: Amending storage volumes based on the 2008 evidence FPH1 – Increase of 12ML from 1860ML to 1872ML FPH2 – Increase of 70ML from 1550ML to 1620ML Increase for property of 82ML from 3410ML to 3492ML.</p>	<p>Letter drafted for Committee and sent 16th July 2020</p>
	<p>2. Contesting pump rates FPH9.</p>		<p>Recommend: Amending pumping capacity for FPH9 from 120ML/day to 140ML/day for a total of 560ML/day for four pumps.</p>	
	<p>3. Request to include buffer storage and sacrificial fields as works.</p>	<p>Temporary surge/buffer storage areas can only be included as part of modelling if relevant evidence is provided to the Department.</p>	<p>This request is out of scope for the committee and cannot be included in eligible FPH works.</p>	

43-BR041 [REDACTED]	1. Request amendment to FPH 4 from 750mm to 900mm dropbox not 750mm with flap valve.		Recommend: Amending FPH4 from 750mm pipe with flap valve to 900mm pipe with drop box.	Letter drafted for Committee and sent 16 th July 2020
	2. Request amendment to FPH 5 from 900mm to 1050mm.		Recommend: Amending pipe FPH5 from 900mm to 1050mm.	
	3. Request amendment to FPH 15 to 381mm mixed flow pump and adjust pump capacity to 71ML/day.		Recommend: Amending pump FPH15 (381mm) to a mixed flow pump with a capacity of 71ML/day.	
46-G038 [REDACTED]	1. Contesting storage volume x 2 FPH4 & FPH6.		Recommend: Amending storage volumes FPH4 - increase of 119 ML from 770 ML to 889 ML FPH6 - increase of 14 ML from 1010 ML to 1024 ML Increase for property of 133 ML to 1913 ML.	Letter drafted for Committee and sent 16 th July 2020

<p>49-BR050 [REDACTED]</p>	<p>1. Contesting storage volume FPH1, FPH2, FPH3, FPH6, FPH7.</p>		<p>Recommend: The following storage volumes:</p> <p>FPH 1 - No increase, remains at 590ML</p> <p>FPH 2 - Increase of 220ML from 1960ML to 2180ML</p> <p>FPH 3 - No increase, remains at 1060ML</p> <p>FPH 4 - No increase, remains at 660ML</p> <p>FPH 5A & B - No increase, remains at 1750ML</p> <p>FPH 6 - Increase of 710ML from 2490ML to 3200ML</p> <p>FPH 7 - No increase, remains at 160ML</p> <p>Increase for property of 930ML from a total of 8670 ML to 9600 ML.</p>	
	<p>2. Additional pump requested at FPH 27.</p>		<p>The independent review committee is unable to make a determination on the evidence supplied. Request further evidence.</p>	<p>Send letter. Evidence request within 14 days. Declaration that it was there in 2008.</p>
	<p>3. Requesting addition of inlet pipe.</p>		<p>The independent review committee is unable to make a determination on the evidence supplied. Request further evidence.</p>	<p>Evidence request 14 days. More evidence required.</p>
	<p>4. Requesting inclusion of 660mm pump site on [REDACTED].</p>		<p>Recommend:</p> <p>Inclusion of a 660mm pump for transfer of FPH water from internal channels to storage (FPH3). Note: the pipe taking water from [REDACTED] to the pump is not eligible for FPH.</p>	

55-G009_G103 [REDACTED]	1. Requesting that fields 4 and 6 be included as storages.		This request is out of scope for the committee and cannot be included in eligible FPH works. Surge area can be included in modelling if relevant evidence is provided to the Department (refer to the 'evidence checklist' to determine what is required).	Letter drafted for Committee and sent 16 th July 2020
	2. Contesting storage volume (Evidence requested 27th May 2020 - nil received).		Recommend: That storage volume remains as 2310ML due to lack of evidence provided.	
	3. Requesting that fields 16,17,18, and 11 be included as storages.		This request is out of scope for the committee and cannot be included in eligible FPH works. Temporary surge area can be included in modelling if relevant evidence is provided to the Department (refer to the 'evidence checklist' to determine what is required).	
62-G067 [REDACTED]	1. Contesting storage volume FPH1.		Recommend: That storage volume remains as 480ML.	Letter drafted for Committee and sent 16 th July 2020
	2. Requesting 900mm inlet pipe.		Out of scope for the Review Committee. NRAR have advised that extraction of water through this pipe cannot be distinguished from unregulated take from [REDACTED]. Modifications	

			are required for it to be eligible for FPH.	
64-G095 [REDACTED]	1. Contesting storage volume FPH1.		Recommend: Storage volume remains as 950ML.	Letter drafted for Committee and sent 16 th July 2020
	2. Contesting capacity of storage pumps.		Recommend: Pump capacity remains as 48ML/day.	
68-G070 [REDACTED]	1. Contesting storage volume x 2 (FPH1 and FPH2).		Recommend: Storage volumes remain unchanged: FPH1 – 840 ML FPH2 – 370 ML	Letter drafted for Committee and sent 16 th July 2020
	2. Requesting amendment to pipe size FPH4 from 900mm to 1200mm.		Recommend: Amendment of pipe size (FPH4) from 900mm to 100mm.	
75-G110_G111 [REDACTED] [REDACTED]	1. Contesting storage volume x 3 (FPH1, 2, 3) G110		Deferred	
	2. Requesting removal of 1200mm pipe (FPH14) and replacement with channel adjacent to [REDACTED] -111		Deferred	
	3. Contesting storage volume x		Deferred	

	2 (FPH1 & 2) G111			
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Meeting closed

12.15 pm

Next meeting

28 July 2020 (teleconference)