

Details

Meeting:	Healthy Floodplains Review Committee
Location:	Teleconference
Date/time:	Tuesday 28 July 2020 9.00am – 2.40 pm
Chairperson:	██████████

Attendees

Committee:

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

DPIE – Water Healthy Floodplains:

5. ██████████, Principal Project Officer, DPIE
6. ██████████, Senior Project Officer, DPIE
7. ██████████, Senior Project Officer, DPIE
8. ██████████, Project Officer, DPIE (minutes)

Natural Resources Access Regulator:

9. ██████████, Manager Floodplain Harvesting, NRAR
10. ██████████, Senior Water Regulatory Officer, NRAR

Apologies

This meeting

No.	Issue	Action	Responsible
1	Meeting open	Welcomed all and noted attendance / apologies.	Chair
2	Adoption of previous meeting 14 July 2020	Moved ██████████, seconded ██████████.	Chair
3	Endorsement of meeting 14 July draft determination letters	Moved ██████████, seconded ██████████.	Chair
4	██████████ requested update on list of works that don't need approval	Provide information on works that do not need approval	██████████ and ██████████ to discuss with ██████████ out of session.
4	Status of submission – report on number of submissions determined and the number remaining	<p>To date there are 45 completed submissions.</p> <p>Today reviewing 26 submissions.</p> <p>There are 38 remaining submissions in the Gwydir (4 from previous evidence, 2 noting as eligible).</p> <p>Submissions to be send through as they are ready for next August meeting.</p> <p>Discussion of additional meeting to deal with the large number of submissions, date to be confirmed (11 August).</p> <p>██████████ requested that the returning submissions be grouped together and listed either at start or the end of meeting, agreed.</p> <p>The Chair thanked staff for preparing information to committee.</p>	██████████

No.	Issue	Action	Responsible
5	Schedule for the Macquarie and Namoi catchment engagement	<p>The schedule is for the 15 August for Macquarie catchment mail out.</p> <p>15 September for Namoi mail out. The pre submission process will run for 1 month.</p> <p>Simple matters will be dealt with by NRAR and taken to committee for confirmation.</p>	<p>██████████</p>
6	Explanation of how the modelling submissions will be managed.	<p>Work is currently occurring with consulting firm Alluvium to work towards simplifying the methodology for reviewing modelling submissions. Once finalised █████ and █████ will meet with the committee out of session to explain the methodology.</p> <p>DPIE/NRAR will promote the 1:1 session with registrants from the Macquarie and Namoi valleys. The aim is to try to resolve simple matters at the 1:1 stage so that these matters don't result in needless submissions to the committee. A summary of these minor matters will be provided for endorsement by committee.</p> <p>The Barwon - Darling has 7 submissions and several more are also anticipated. Aiming to include in the next meeting.</p>	<p>██████████</p> <p>██████████</p>
7	Declaring conflicts of interest	None declared	Chair

No.	Issue	Action	Responsible
8	Review of submissions	<p>██████ raised concerns about eligibility @ 2008 of the pumps that are requesting pump capacity changes through the submissions. Seems to be a high number.</p> <p>Discussion regarding valley caps and distribution between growers.</p> <p>Request clarification from modellers: What the likely impact of an increase of pumps going from a nominal value to a higher value? What is likely impact on the individuals? Does it increase the take available for the valley?</p>	<p>All</p> <p>DPIE will seek clarification and report back to committee</p>
	Break for morning tea	Meeting paused at 10.42 am, reconvened at 10.54 am.	
9	Review of submissions		All
	Break for lunch	Meeting paused at 12.30pm, reconvened at 12.50pm	
10	Meeting close	2.40pm	Chair

Submission Outcomes

Submission number and property	Issue	Comment	Committee Determination	Actions
49-BRO50 [REDACTED]		Issues 2 and 3 for today's meeting. Issues 1 and 4 determined 14 July 2020.		Determination letter drafted and sent to committee for endorsement 30/7/20
	1. Contesting storage volume FPH1, FPH2, FPH3, FPH6, FPH7.	Determined 14 July 2020.	<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>	
	2. Additional pump at FPH 27 as claimed two pumps were located at this site in approximately 2003.		<p>Recommend:</p> <p>The inclusion of 610mm Bates Screw axial flow pump as an eligible FPH work at FPH27.</p> <p>That the 660mm pump be included in WSWA for compliance purposes.</p>	

	Landholder supplied a Statutory Declaration stating that prior to 2008 the original second pump at FPH 27 was a 24" or 610mm Bates Screw axial flow pump.		Add pump site at 460 for modelling and work approval.	
	3. Requesting inclusion of pump site on [REDACTED]		Recommend: That additional inlet pipe is <u>not</u> included as an eligible FPH work.	
	4. Requesting inclusion of 660mm pump site on [REDACTED].	Determined 14 th July 2020	Recommend: Inclusion of 600mm pump for transfer of FPH water from internal channels to storage (FPH 3). Note: the pipe taking water from [REDACTED] to the pump is not eligible for FPH.	
05-G080 [REDACTED]	1. Contesting storage volume (FPH1, FPH2 and FPH3)		Recommend: FPH 1 - increase of 200ML from 880ML to 1089ML FPH 2 - increase of 414ML from 470ML to 626ML FPH 3 - increase of 513ML from 1640ML to 2153ML Increase of 1127ML for total storage volume of property from 2990ML to 4117ML	Determination letter drafted and sent to committee for endorsement 30/7/20
	2. Consider whether pump size should be amended x 2		Recommend: Amending FPH 17 to 2 x 660mm centrifugal pumps.	

<p>7-G154 [REDACTED]</p>	<p>1. Contesting OFS capacity. Landholder is questioning the total farm storage capacity and no individual storages but has supplied volumes individually.</p>		<p>Recommend: FPH 1 – Increase of 101 ML from 660ML to 761 ML FPH2 – Increase of 18ML from 60ML to 78ML FPH3 – Increase of 38ML from 420ML to 458 ML Increase for property of 157 ML from a total of 1140 ML to 1297 ML.</p>	<p>Determination letter drafted and sent to committee for endorsement 30/7/20</p>
	<p>3. Consider whether surge areas have been included in modelling.</p>		<p>This request is out of scope for the committee and cannot be included in eligible FPH works. Surge area not included in flood plain harvesting model due to lack of evidence provided.</p>	<p>Department to refer to modellers for consideration of surge area in model.</p>
	<p>4. Requesting clarification whether their request to withdraw from FPH has been accepted by Department or not.</p>		<p>This issue is out of scope for the committee. NRAR to communicate with landholder regarding this request.</p>	<p>NRAR to send letter.</p>
<p>9-BR015 [REDACTED]</p>	<p>1. Contesting OFS capacity</p>	<p>Reviewed by the committee 12th June 2020. Evidence requested for storage and pump. Nil evidence received for OFS.</p>	<p>Recommend: That FPH1 storage volume remains at 1210ML.</p>	<p>Determination letter drafted and sent to committee for endorsement 30/7/20</p>

		Only received evidence for the pump (issue 2).		
	2. Contesting pump capacity (Pump FPH 4)	Evidence (letter from Batescrew received for pump capacity.	Recommend: Amending pump capacity at FPH 4 to 100ML/day for each pump (total of 200ML/day).	
23-G134 [REDACTED]		Reviewed by the committee 21 st May 2020 (issue 2 determined). Evidence requested for issue 1 – storage and received.		Determination letter drafted and sent to committee for endorsement 30/7/20
	1. Contesting storage capacity OFS1.		Recommend: Amending storage volume of FPH1 from 320ML to 360ML, an increase of 40ML.	
	2. Contesting pump size FPH 7.	Determined 21 May 2020	Recommend: Pump size FPH 7 be amended to 500mm.	
33-G051 [REDACTED]	1. Contesting storage volume (1m freeboard has changed volume).	Requested storage information, but no response.	Recommend: Supports delay of decision until applicant given further opportunity to provide information requested due to compassionate grounds.	Contact land holder to request storage curve information/surveys.
	2. Change of Pipe 18 from gated to open.		This issue is out of scope for the committee. NRAR to amend details of pipe FPH18.	NRAR to amend details of pipe FPH18.

<p>35-BR029 [REDACTED]</p>		<p>Reviewed by the committee 12 June 2020. Issue 2 determined.</p> <p>Clarification for Issue 1 request to NRAR (provided).</p> <p>Issue 3 and 4 to be determined.</p>		<p>Determination letter drafted and sent to committee for endorsement 30/7/20</p>
	<p>1. Contesting the removal of FPH1 from eligible works</p>	<p>In approving OFS1 additional works will be eligible to be included:</p> <p>Channel FPH 23, Pipes FPH12, Pipe FPH16. Inclusion of OFS1 is therefore NRAR supported.</p>	<p>Recommend:</p> <p>Inclusion of FPH1 in eligible works. Channel FPH 23, pipes, FPH12, pipe FPH16 are recognised as eligible works.</p>	
	<p>2. Contesting storage volume x 2.</p>	<p>Determined 12 June 2020</p>	<p>Recommend:</p> <p>Amending storage volumes as follows:</p> <p>FPH2 - increase of 293ML to 1123ML</p> <p>FPH3 - increase of 27ML to 4467ML</p> <p>Total increase of 320ML from 5270ML to 5590ML for the property.</p>	
	<p>3. Requesting amendment of pipes FPH11.</p>	<p>The map provided by the applicant implies that they are referring to the FPH12 location, not FPH11.</p>	<p>Recommend:</p> <p>FPH 11 pipe size remain at 1200 mm with a letter sent to land owner for explanation.</p>	<p>Determination letter drafted and sent to committee for endorsement 30/7/20</p>
	<p>4. Requesting extension of channel FPH 26.</p>		<p>Recommend:</p> <p>Channel FPH 26 be included in as eligible works.</p>	

39-G107 [REDACTED]	1. Contesting storage volume x 3.	Evidence requested 16 May 2020, no response.	Recommend: That storage volumes remain at NRAR volumes: FPH2 – 500ML FPH3 – 910ML FPH4 – 1610ML	
45-BR013 [REDACTED]	1. Contesting storage volume x 2 (FPH 1 2380 ML and FPH3 70ML).		Recommend: Send letter to seek survey for storage capacity.	Send 14 day letter for clarification. Need clarification of OFS1- need bench mark to top of bank to verify volume. Contact to see if they can get it back within a week?
45-BR034 [REDACTED]	1. Seeks to change pipe size FPH12 from 1200mm to 1500mm.		Send letter to request evidence within 14 days.	Send 14 day letter for clarification of all issues.
	2. Seeks to change pipe size FPH 20 from 900mm to 1050mm		Send letter to request evidence within 14 days.	Send letter to request evidence within 14 days.
	3. Seeks to change pipe size FPH26		Send letter to request evidence within 14 days.	Send letter to request evidence

	from 1200mm to 1500mm.			within 14 days.
	4. Contesting pump flow rate - currently at 600 ML/day for 5 pumps.		Send letter to request evidence within 14 days.	Send letter to request evidence within 14 days.
45-G098 [REDACTED]	1. Contesting Storage OFS volume x 4		<p>Recommend:</p> <p>FPH 2: No increase, remains at 340 ML</p> <p>FPH 3: No increase, remains at 390 ML</p> <p>FPH 4: Increase of 511 ML from 1490 ML to 2001 ML</p> <p>FPH 7: Increase of 90 ML from 1790 ML to 1880 ML</p> <p>Total Increase for property of 601 ML from 4010 ML to 4611 ML.</p>	Determination letter drafted and sent to committee for endorsement 30/7/20
	2. Requesting 1 additional 660mm centrifugal pump for a total of 2 at FPH 63.		<p>Recommend:</p> <p>Additional 660mm centrifugal pump for a total of 2 at FPH 63.</p>	
	3. Requesting inclusion of southern section of FPH 93.		<p>Recommend:</p> <p>The inclusion of southern section of channel FPH 93 from irrigation development and limited to FPH 47 gated pipe as eligible works.</p>	

45-G099 [REDACTED]	1. Contesting storage volume of OFS1		Recommend: Increasing storage volume from 2090ML to 2486ML, an increase of 396ML.	Determination letter drafted and sent to committee for endorsement 30/7/20
	2.& 3. Request inclusion of gravity fed component for OFS 1 through a 1200mm pipe		Recommend: Update FPH 17 pipe as a pump and gravity feed to OFS 1.	
	4. Requesting amendment of pump size from 350mm to 500mm (FPH 60).		Recommend: Update pump size from 350mm to 500mm axial flow (FPH 60).	
46-G039 [REDACTED]	1. Contesting OFS volume x 4: FPH1, FPH2, FPH3, FPH5.		Recommend: Send letter to request evidence within 14 days. NRAR do more analysis.	Send letter. Request statutory declaration re 2008 volume. NRAR check LiDAR to verify all storages.
	2. Request amendment to FPH 31 pump size from 500mm to 660mm.	Evidence requested 30/6/20 was provided showing an upgraded pump. Not FPH but should be included on WSWA.	Recommend: That pump size remains at 500mm for FPH eligible works. Pump size will be shown as 660mm for WSWA.	

47-G057 ██████	1. Contesting storage volume x 2 FPH 1 and FPH3.	Storage curve and table from SMK provided	Deferred to next meeting	Defer to next meeting.
	2. Request: FPH 17 300ML/day (increase) FPH 18 300ML/day (increase) FPH 19 60ML/day (decrease).		Deferred to next meeting	Defer to next meeting.
	3. Gravity take in to OFS 3 by 3 specific pipes. Gravity take capacity over and above the pump capacity for the property.	NRAR recent analysis supports 1 x 900mm pipe into OFS 2 as eligible FPH 2 x 1200 mm pipes and 1 x 1500mm pipes as gravity fed OFS 3 as eligible FPH Pump 1200mm at pipe site at 1 of the 1200 pipes. no evidence Recommends flow rates issue to be referred to modellers.	Recommend: NRAR to map and review pipe locations and resubmit to review committee.	NRAR to map and resubmit to review committee.
50-G106 ██████	1. Contesting storage volume of OFS 5 from 480ML to 500 ML.		Recommend: The storage volume of OFS 5 remains at 480ML as no evidence supplied.	Determination letter drafted and sent to committee for endorsement 30/7/20.

<p>51-G117 [REDACTED]</p>	<p>1. Contesting storage volume of OFS 1-13 (excluding OFS6).</p>		<p>Recommend:</p> <p>FPH1 – increase of 537ML from 6360ML to 6897ML</p> <p>FPH2 - increase of 339ML from 2880ML to 3219ML</p> <p>FPH3 - increase of 990ML from 4210ML to 5000ML</p> <p>FPH4 - increase of 161ML from 1320ML to 1481ML</p> <p>FPH5 - increase of 456ML from 2190ML to 2646ML</p> <p>FPH7 - increase of 78ML from 1680ML to 1758ML</p> <p>FPH8 – increase of 341ML from 2030ML to 2371ML</p> <p>FPH9 – increase of 107ML from 1860ML to 1967ML</p> <p>FPH10 – increase of 101ML from 1960ML to 2061ML</p> <p>FPH11 – increase of 340ML from 4170ML to 4510ML</p> <p>FPH12 - increase of 1370ML from 3030ML to 4400ML</p> <p>FPH13 – increase of 101ML from 3320ML to 3420ML</p> <p>Total increase for property of 4720 ML from a total of 35010 ML to 39730 ML.</p>	<p>Determination letter drafted and sent to committee for endorsement 30/7/20.</p>

	2. Request inclusion of additional OFS (██████████) a block dam built on ██████████		Recommend: That additional storage (██████████ block dam) is <u>not</u> included in eligible works.	
	3. Contesting pump capacity FPH 118.		Recommend: Support amendment of FPH 118 to 1x800mm centrifugal pump plus 2 x axial flow Bates 240/30 pumps for a total daily capacity of 400ML/day.	
	4. Requesting inclusion of pump site as being eligible FPH site and work.	NRAR evidence collected confirms that the pump site should be included. It allows for overland flows that can be captured by works in that section of the farm to be conveyed for storage.	Recommend: The inclusion of 2 x 660mm centrifugal pumps at FPH16 be included as eligible works.	
	5. Requesting inclusion of gravity fed pipes on near ██████████ via ██████████ 1500mm pipe.	Work was verified by manager on 20 July 2020 via email and confirms that FPH 104 is the work in question, hence submission is incorrect and not supported.	Recommend: Not supported due to evidence provided.	
	8. Requesting inclusion of 1200mm pipe adjacent FPH 113.		Recommend: Include FPH 60 pipe as eligible works and include in WSWA.	

	9. Requesting addition of pump site by 2 x 660mm pumps @ 240 ML/day.		Recommend: Inclusion at FPH 119 of 2 x 660mm centrifugal pumps @ 240ML /day capacity.	
	10. Requesting amendment of flow capacities FPH 4 (pipe FPH 104) to 350 ML/day.		Refer to modelling.	
	11. Requesting amendment of flow capacity FPH 72 at 220 ML/day.		Refer to modelling.	
	12. Requesting amendment of pipe size FPH 83 from 1200mm to 600mm (noted in evidence response letter Document 8).		Recommend: Amend Pipe size at FPH 83 to 600mm to conform with WSWA.	
	13. Requesting amendment of pipe size FPH 84 from 900mm to 1050mm.		Recommend: Amend FPH 84 pipe size from 900mm to 1050mm due to change in department records.	

57-BR019 [REDACTED]		Reviewed by the committee on the 17 th June. Evidence for storage and pump capacity requested.		
	1. Contesting storage volume FPH 1.		Recommend: Amending storage volume from 1750ML to 1888ML, an increase of 138ML.	
	2. Increase pump flow rate to 140ML/day each or 280ML/day combined ie an increase of 40ML/day combined.		Unable to support without evidence for pump type and configuration. Request department seek verification of pump and configuration.	Request photos of pump type and configuration.
	3. Requesting additional pump at 140ML/day.		Unable to support without evidence for pump type and configuration. Request department seek verification of pump and configuration.	Request photos of pump type and configuration.
	4. Requesting inclusion of additional pipes for eligible works.		Recommend: Support inclusion he inclusion of the following in eligible works: FPH6 – 1050mm pipe (point 'D' in submission) FPH9 – 1200mm pipe (point 'C' in submission) FPH10 – 1200mm pipe (point 'B' in submission).	

	7. Inclusion of channel 1.7	Channel 17 (point B) has been disconnected from the [REDACTED] by 50m backfilling. Only overland flow can enter channel and subsequent extraction by pipe 10.	Recommend: Support inclusion of channel 17 as eligible works.	
	8. Requesting addition of additional 750 mm pipe x 2 in relation to issue 3 (additional pump).		Out of scope for committee, refer to NRAR.	
	9. The 3 pipes out of channel FPH 15 have been requested to be included in WSWA.		Out of scope for committee refer, back to NRAR.	
58-BR020 [REDACTED] [REDACTED]		Submission was reviewed by the committee on 12/6/20. Determination was made for Issue 1. Additional evidence was requested for Issues 2 & 5. Received 29 June 2020.		
	1. Contesting on-farm storage (OFS) capacity	Determined 12 June 2020	Recommend: That storage volume is increased by 112ML to 1512ML based on 1.0m freeboard.	

	2. Contesting pump capacity FPH5		<p>Recommend:</p> <p>Unable to support without evidence for pump type and configuration.</p> <p>Request department seek verification of pump and configuration.</p>	Photos of pump type and configuration
	5. Requesting additional pipes x 2 (1500mm)		<p>Recommend:</p> <p>That 2 x 1500mm pipes located at FPH 3 be included as eligible works.</p>	
65-BR006 [REDACTED] & BR055 [REDACTED]	<p>[REDACTED]</p> <p>1. Contesting storage volume x 2 FPH1 and FPH2</p> <p>.</p>		<p>Recommend:</p> <p>Amending storage volumes:</p> <p>FPH1 – increase of 313ML from 1030ML to 1343ML</p> <p>FPH2 – increase of 730ML from 340ML to 1070ML</p> <p>Increase for property ([REDACTED]) of 1043 ML from a total of 1370 ML to 2413 ML.</p>	Determination letter drafted and sent to committee for endorsement 30/7/20
	2. Requesting update of pump information.		<p>Recommend:</p> <p>Inclusion of 1 x 300mm and 1 x 350mm pumps at FPH22 as eligible works.</p> <p>That 1x 660 centrifugal pump and 1x 500mm axial pump at FPH22 be included in WSWA.</p>	
	<p>[REDACTED]</p> <p>3. Contesting storage volume of OFS 1 and OFS 2</p>		<p>Recommend:</p> <p>Amending storage volumes:</p> <p>FPH1 - Increase of 188ML from 710ML to 898ML</p> <p>FPH2 – Increase of 55ML from 270ML to 325ML</p>	

			Increase for (██████████) property of 243ML from 980 ML to 1223ML.	
67-BR002 ██████████ and BR003 ██████████ ██████████	<p>1. Requesting temp storages to be added x 2.</p>	Temporary storages are not mapped or considered as permanent storages and are not included as eligible work.	This request is out of scope for the committee and cannot be included in eligible FPH works. Refer to modelling.	Determination letter drafted and sent to committee for endorsement 30/7/20
	2. Contesting pumping capacity 26 HBC-40 (from 120ML/day to 138ML/day for all six pumps - 720ML/day to 828ML/day.		Recommend: Amending pump capacity from 120ML/day to 138ML/day for all six pumps. A total of 828ML/day.	
	3. Contesting storage volume x 2.		Recommend: Amending storage volumes: FPH1 - increase of 631ML from 2750ML to 3381ML at 1m freeboard FPH2 - increase of 494ML from 3770ML to 4264ML at 1m freeboard Total 7645ML.	
	<p>4. Requesting temporary storage be added.</p>	Temporary storages are not mapped nor considered as permanent storages and hence are not included as eligible works.	This request is out of scope for the committee and cannot be included in eligible FPH works. Refer to NRAR.	

	5. Contesting storage capacity x 1 (FPH1)		Recommend: Increase FPH1 of 489ML from 3840ML to 4329ML.	
	6. Contesting pumping capacity 26 HBC-40 - FPH 8 to 138ML/day		Recommend: Amending pump capacity at FPH 8 from 120 ML/day to 138ML/day (total of 276ML/day for two pumps).	
70-G021 ██████████	1. Contesting storage volume FPH1.		Recommend: Support increase for property of 111 ML from a total of 1310 ML to 1421 ML.	Determination letter drafted and sent to committee for endorsement 30/7/20
	2. Contesting pump capacity FPH 12 (from 120ML/day to 149ML/day).		Recommend: FPH 12 pump capacity to change from 120ML/day to 149ML/day.	
	3. Contesting development pre 2008.		This request is out of scope for the committee and cannot be included in eligible FPH works. Refer to NRAR for modelling.	
	4. Contesting pipe size FPH 3 from 1200mm to 1500mm.		Recommend: That pipe size FPH 3 be amended to 1500mm and included as eligible FPH works.	
	5. Requesting addition or realignment of surge.		Recommend: This request is out of scope for the committee and cannot be included in eligible FPH works.	

			Refer to NRAR for modelling purposes.	
	8. Requesting an additional pipe (1200mm) as at 2008 as eligible work.	Aerial imagery, pre redevelopment, indicates that a pipe was located to provide conveyance into TWR system or the original irrigation development.	Recommend: That pipe 9 (1200mm) is deemed as being present in 2008 for modelling purposes.	
71-G022 [REDACTED]	1. Requesting addition of 1200mm pipe (previously FPH 25).		Recommend: Refer to NRAR for compliance discussion with the landholder.	
	2. Contesting storage volume x 3 (FPH1, FPH2, FPH4, FPH6).		Recommend: FPH1 - increase of 290ML from 3010ML to 3300ML FPH2 - increase of 505ML from 4000ML to 4505ML FPH4 - increase of 397ML from 4500ML to 4897ML FPH6 - increase of 120ML from 560ML to 680ML Increase for property of 1312 ML from a total of 12,070 ML to 13,382 ML.	
	3. Contesting pump capacity FPH 44 from 120 to 150ML/day).		Recommend: FPH 44 - Increase from 120ML to 150ML/day.	
	4. Contesting pump capacity FPH 45 from 120 to 152ML/day.		Recommend: FPH 45 - Increase pump capacity from 120ML to 152ML/day.	

	5. Contesting pump capacity FPH 48 from 120 to 147ML/day.		Recommend: FPH 48 - Increase pump capacity from 120ML to 147ML/day.	
	6. Contesting pump capacity FPH 49 from 120 to 139ML/day.		Recommend: FPH 49 - increase pump capacity from 120ML to 139ML/day.	
	7. Contesting pump capacity FPH 50 from 120 to 155ML/day.		Recommend: FPH 50 - increase pump capacity from 120ML to 155ML/day.	
	8. Contesting pump capacity FPH 51 from 120 to 140ML/day.		Recommend: FPH 51 - increase pump capacity from 120ML to 140ML/day.	
	9. Contesting pump capacity FPH 54 from 120ML to 160ML/day.		Recommends: That 3 x 660mm centrifugal pumps at FPH54 are not included as eligible works as they were installed post 2008.	
72-BR049 ██████████	1. Contesting storage volume x 3 FPH 2, FPH 3, FPH 4.		Recommend: FPH2 - Increase of 196ML from 1350ML to 1546ML FPH3 - Increase of 286ML from 2020ML to 2306ML FPH4 - Increase of 202ML from 1220ML to 1422ML Increase for property of 684 ML from a total of 4590 ML to 5274 ML.	Determination letter drafted and sent to committee for endorsement 30/7/20

	2. Contesting pump capacity FPH 26 from 120 ML to 139 ML/day.		Recommend: FPH 26 – Increase pump capacity from 120 ML to 139 ML/day.	
	3. Contesting pump capacity FPH 27 from 120 ML/day to 147 ML/day.		Recommend: FPH 27 - Increase pump capacity from 120 ML/day to 147 ML/day.	
	4. Contesting pump capacity FPH 28 from 120 ML to 149 ML/day.		Recommend: FPH 28 – Increase pump capacity from 120 ML to 149 ML/day.	
	5. Requesting addition of pipe noted in WSWA amend ment in 2018 as FPH 41.		This request is out of scope for the committee and cannot be included in eligible FPH works. Refer to NRAR for compliance follow up.	
	6. Requesting addition of pipe noted in WSWA amend ment in 2018 as FPH 40.		This request is out of scope for the committee and cannot be included in eligible FPH works. Refer to NRAR for compliance follow up.	
	7. Requesting the addition of gravity fill for storages FPH 2 & 3.		Recommend: Amending FPH2 and FPH3 Storage B – Gravity fed component (via channel FPH32).	

88-Merawah [REDACTED]	1. Contesting access to unregulated floodplain harvesting.		This request is out of scope for the committee and cannot be included in eligible FPH works. Refer to NRAR.	
40-G092 [REDACTED]	1. Contesting storage volume FPH2.		Recommend: FPH 2 – Increase 323ML from 660ML to 983ML.	Determination letter drafted and sent to committee for endorsement 30/7/20
	2. Contesting pumps at OFS 2 or FPH 9 to 2 x 600mm.		Recommend: Amending pumps at FPH9 to 2 x 600mm axial pumps.	
	3. Contesting pipe size and flow capacity of pipes (FPH 3,4,6,8).		Recommend: FPH 3 pipe size and location verified (amend from 600mm to 1200mm). FPH 4 pipe size and location verified (amend from 900mm to 1200mm). FPH 6 pipe size and location verified (amend from 1 x 1200mm to 2 x 1200mm). FPH 8 pipe size and location verified (amend from 2 x 600mm to 2 x 1200mm).	

<p>30-G041 [REDACTED]</p>	<p>1. Contesting storage volumes for FPH 3 & 4.</p>		<p>Recommend: FPH 3 - Increase is not supported as no data supplied. FPH 4 – Increase of 215 ML from 1100 ML to 1325 ML Increase for property of 215 ML from a total of 1330 ML to 1545 ML.</p>	<p>Determination letter drafted and sent to committee for endorsement 30/7/20</p>
	<p>2. FPH 14 pump size and capacity (from 350mm to 380mm @ 45ML/day).</p>		<p>Recommend: FPH 14 – Increase pump size and capacity from 350mm to 1 x 380mm Kelly Lewis pump @ 45ML/day.</p>	
	<p>3. FPH 15 pump size and capacity (from 300mm to 406mm @ 40-50ML/day)</p>		<p>Recommend: FPH 15 – Increase pump size and capacity from 300mm to 1 x 406 mm Kelly Lewis pump @ with 45 ML/day.</p>	
	<p>4. FPH 16 pump size and capacity to 60ML/day.</p>		<p>Recommend: FPH 16 – Increase pump size and capacity 356mm axil @ 52ML/day.</p>	

Meeting closed

2.40 pm

Next meeting

11 August 2020 (teleconference) P: [REDACTED]