W9 Out of Session Independent Review Committee Record – sent 10 December 2020 (downloaded from Onedrive and saved to

No	Submission No. Property. Issue No. Landholder Requests.	NRAR Recommends	HRC member:	HRC member:	HRC member:	HRC member:
1.	M013 1. Landholder requesting increase in storage volume OFS1 from 880ML to 1124ML, an increase of 324ML.	Recommend: 1.OFS 1– support an increase from 880ML to 1124 ML, an increase of 324 ML.	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
	2. Landholder requesting increase in storage volume OFS2 from 30ML to 214ML, an increase of 184ML; and change to temporary storage.	Recommend: 2.OFS2 - increase in storage from 30 ML to 214 ML and change from permanent to temporary storage. Correct. OFS 2 has a spillway at RL 218.00 therefore limiting TWL and hence giving a freeboard of 0.6m	2.Endorse Recommendation Y	2. Endorse Recommendation Y or N 0.6m freeboard looks like 140 ML to me Correct. OFS 2 has a spillway at RL 218.00 therefore limiting TWL and hence giving a freeboard of 0.6m and volume of 214 ML 140 ML is at 1m freeboard Y 12/2/21Teams meeting with	2. Endorse Recommendation Y	2. Endorse Recommendation Y

	3. Requesting increase in capacity of pump FPH18 from130ML to 146.8ML/day.	Recommend: 3. FPH18 - change pump to two 500mm axial pumps with a combined flow rate of 146.8 ML/day.	3.Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
	4.Requesting addition of an axial pump FPH21 to eligible works.	Recommend: 4. FPH21- support the addition of axial pump to eligible works, with a capacity of 70 ML/day.	4.Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y
	5.Requesting addition of a centrifugal pump FPH23 to eligible works.	Recommend: 5. FPH23 – support addition of a 400mm centrifugal pump with a capacity of 30ML/day.	5.Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y
	6.Requesting addition of unmapped 500mm centrifugal pump with a capacity of 47.5ML/day to eligible works.	Recommend: 6. Support addition of a 500mm centrifugal pump with a capacity of 47.5 ML/day.	6.Endorse Recommendation Y	6. Endorse Recommendation Y	6. Endorse Recommendation Y	6. Endorse Recommendation Y
2	1.Landholder requesting increase in storage volume at OFS1 and OFS2.	Recommend: 1.OFS1 – do not support an increase from 2500ML to 2592M, an increase of 92ML.	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y

Note Issue 2,3,6 re tabled at committee meeting 11/2/21	OFS2 – do not support an increase from 2290 ML to 2333 ML, an increase of 43 ML.				
2.Requesting FPH 3 change from a 1050mm pipe to a 1500mm pipe. This issue has been split into 2 & 3 for easier response 23rd March decision FPH3 pipe to remian as 1050mm due to inclonclusive evidence to change to 1200mm pipe	Recommend: 2. MODERATE Evidence provided FPH3: increase in pipe size from 1050mm to a 1500mm pipe. NRAR may consider supporting this amendment.	2.Endorse Recommendation N Not supported. It would take minimal effort by grower to provide usable supporting evidence. See pages 20 & 21 of submission for photos. FPH3 pipe to remain at 1050mm due to inclusive evidence to change to 1500mm pipe.	2. Endorse Recommendation N Do not support either request. It would be easier to respond if this had been split into different issues. See pages 20 & 21 of submission for photos. FPH3 pipe to remain at 1050mm due to inclusive evidence to change to 1500mm pipe.	2. Endorse Recommendation Y Retabled at meeting 11/2/2 Y to 1200 and 900mm pipes See pages 20 & 21 of submission for photos. FPH3 pipe to remain at 1050mm due to inclusive evidence to change to 1500mm pipe. 2/2/21	2. Endorse Recommendation N Evidence is not clear enough to justify the request See pages 20 & 21 of submission for photos. FPH3 pipe to remain at 1050mm due to inclusive evidence to change to 1500mm pipe.
		recommendation for 1500mm pipe Tabled 11/2/21 - request stat dec on 25/2/21	recommendation for 1500mm pipe Tabled 11/2/21 - request stat dec on 25/2/21	2. Endorse recommendation for 1500mm pipe Tabled 11/2/21 - request stat dec on 25/2/21	recommendation for 1500mm pipe Tabled 11/2/21 - request stat dec on 25/2/21
3. Inclusion of 2 pipes in vicinity of FPH 6 pump - 1 x 1500mm and 1 x 900mm to provide water	WEAK Evidence provided FPH 6: inclusion of 1 x 1200mm and 1 x 1500mm pipe	3. Endorse recommendation for inclusion of 1200mm and 1500mm pipe for WSWA	3. Endorse recommendation for inclusion of 1200mm and 1500mm pipe for WSWA	3. Endorse recommendation for inclusion of 1200mm and 1500mm pipe for WSWA	3. Endorse recommendation for inclusion of 1200mm and 1500mm pipe for WSWA

to FPH 6 and unmapped surge area. 23rd March decision Does not support the inclusion of 2 pipes (1 x 1500mm, 1 x 900mm)	NRAR supports inclusion of: 1200mm & 1500mm pipes for WSWA Not possible for photos to be taken of 900mm pipe as it is no longer present	Y/N Tabled 11/2/21 - request stat dec on 25/2/21	Y/N Tabled 11/2/21 - request stat dec on 25/2/21	Y/N Y to 1200 and 900mm pipes Tabled 11/2/21 - request stat dec on 25/2/21	Y/N Tabled 11/2/21 - request stat dec on 25/2/21
	Stat dec requested 25/2/21 Recommend:	3. Endorse	3. Endorse	3. Endorse	3. Endorse
4.Amendment of FPH 6 from 500 mm centrifugal pumps to 660 mm centrifugal pumps with a 135 ML/day capacity. Amendment of FPH 7 from 350 axial flow pumps to 660 mm centrifugal pumps with a 135 ML/day capacity.	3. FPH6 - Support an increase in pump size for two 660 mm centrifugal pumps with a capacity of 120ML/day. FPH 7- support 1 x 660 mm centrifugal pump with a capacity of 120ML/day.	Recommendation Y Both pumps	Recommendation Y	Recommendation Y	Recommendation Y
5. Requesting the removal of Channels FPH 10,11 and 15 as they are internal.	Recommend: 4.Channels FPH 10, 11 and 15 -support removal from eligible works.	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. EndorseRecommendationY	4. Endorse Recommendation Y
6. Request inclusion of northern fields 8 and 11 as temporary storages.	Recommend: 5.Support inclusion of surge, fields 8 and 11 with a total capacity of 300ML as	5.Endorse Recommendation Y	5. Endorse Recommendation ???	5. Endorse Recommendation Y	5. Endorse Recommendation Y

23 rd March	temporary	There appears to	
2021 decision	storages.	be limited	
Recommends	Landholder	evidence as	
surge area of	estimates (540	required through	
206ML (0.5m	ML) were based	the template	
reeboard) be	on average	sheets	
	depth of 0.4m		
ncluded on	over the area	Emailed through	
<mark>eligible works</mark>	while NRAR	whole submission	
Does not	figure (300 ML)	5/2/21	
<mark>support the</mark>	is based on		
nclusion of	LiDAR desktop		
fields 8 & 11	assessment to	Landholder	
as temporary	verify the	estimates (540	
	freeboard and	ML) were based	
<mark>torage</mark>	reduced area.	on average depth	
	reduced area.	of 0.4m over the	
		area while NRAR	
	Aerial photos	figure (300 ML) is	
	verify historic	based on LiDAR	
	take. Satellite	desktop	
	imagery	assessment to	
	confirms fields	verify the	
	used to store	freeboard and	
	water from 1990	reduced area.	
	through to		
	2013.		
		Aerial photo	
	Tabled and	verify historic	
	endorsed	take. Page 36.	
		Satellite imagery	
	11/2 2/21	confirmed by	
	Committee	Dept, fields used	
	supported	to store water	
	inclusion of	from 1990	
	northern fields	through to 2013.	
	as Temporary		
	Storages (surge	Tabled and	
	field 8 and field	endorsed	
	11) with a	11/2 2/21	
	combined value		
	of 300ML.	Committee	
	UI JUUIVIL.	supported	
		inclusion of	
		northern fields as	
		Temporary	
		Storages (surge	
		field 8 and field	
		11) with a	

combined value of 300ML.

3	1. Requesting amendment of pipe FPH 4 from 1200mm to 750mm.	Recommend: 1. FPH4 – support change in pipe size from 1200mm to 750mm.	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
	2. Requesting amendment of FPH 8 pipe from a 600mm gated to a 750mm gated.	Recommend: 2. FPH 8 – support change pipe from a 600mm gated to a 750mm gated.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
	3. Requesting amendment of Pipe FPH 9 from 600mm gated to 750mm open.	Recommend: 3.FPH9-support change from a 600mm gated to a 750mm open pipe.	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
	4. Requesting inclusion of 900mm unmapped gated pipe near FPH 10.	Recommend: 4.Support the inclusion of a 900mm gated pipe near FPH 10.	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y
	5. Inclusion and update of pipe size under Channel - FPH 5 (222) and FPH 6 (223) from 1050mm to 900mm.	Recommend: 5.Support the inclusion of 2 x 900mm pipes FPH 5 (222) and FPH 6 (223) as eligible works.	5.Endorse Recommendation Y	5. Endorse Recommendation ?? Confusing information Pipes initially mapped as part of M079	5. Endorse Recommendation Y	5. Endorse Recommendation Y

) but are critical to M061 FPH take and located on the property Y 12/2/21		
6. Requesting increase of FPH 10 pump from 350mm axial to 406mm centrifugal with a capacity of 40ML/day.	Recommend: 6. FPH 10 – support pump change from a 350mm axial to 406mm centrifugal with a capacity of 40ML/day.	6.Endorse Recommendation Y	6.Endorse Recommendation Y	6.Endorse Recommendation Y	6.Endorse Recommendation Y
7. Landholder requesting inclusion of a 406mm pump at end of Channel 21 at a flow rate of 40 ML/day.	Recommend: 7. Supports inclusion of a 406mm centrifugal pump at end of Channel 21 at a flow rate of 40 ML/day.	7. Endorse Recommendation Y	7. Endorse Recommendation Y	7. Endorse Recommendation Y	7. Endorse Recommendation Y
8. Requesting addition of Channels (referred to as Channel 22) 900mm pipe.	Recommend: 8. Not supported.	8. Endorse Recommendation	8. Endorse Recommendation	8. Endorse Recommendation	8. Endorse Recommendation
9. Requesting addition of Channel (referred to as Channel 23) 900mm pipe.	Recommend: 9. Not supported.	9. Endorse Recommendation	9. Endorse Recommendation	9. Endorse Recommendation	9. Endorse Recommendation Y
10.Requestin g inclusion of storages as Temporary	Recommend: 10. OFS 2 – eligible for	10. Endorse	10. Endorse	10. Endorse	10. Endorse

	Only with volumes of:	Temporary only OFS with a	Recommendation	Recommendation	Recommendation	Recommendation
	volumes of: OFS 2 - 400 ML OFS 3 - 50 ML OFS 4 - 100 ML Taken to committee meeting 2/3/21 Committee's unanimous decision was: OFS2 - amend to 100ML OFS3 - remains ineligible OFS4 -		Recommendation	Y to OFS 2 Y to OFS 3 N to OFS 4 No clear evidence - landholder requested 100ML Based on TCS report volume of 47 ML is shown with 0.5m freeboard Note the block bank shown in earlier LiDAR has not been considered in TCS report	Recommendation Y to OFS 2 Y to OFS 3 Y to OFS 4	Y
	amend to 47ML			may need to go back to all committee Retable next meeting 12/2/21		
4	1. Requesting increase OFS1 from 650ML to 679ML, an increase of 29ML. Request to increase OFS2 from 380ML to 467ML, an increase of 87ML.	Recommend: 1. OFS1 – support an increase from 650ML to 679ML, an increase of 29ML. OFS2 – support a portion increase from 380ML to 437ML, an increase of 57ML.	1.Endorse Recommendation OFS1 - Y 679ML OFS2 - Y 437ML	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y

	2. Requesting an increase in size and capacity for Pump FPH10 from 350mm to 500mm centrifugal 55ML/day.	Recommend: 2. WEAK evidence supplied in photo of impeller for pump FPH10 change to 500mm centrifugal pump with a capacity of 55ML/day.	2. Endorse Recommendation N to landholder request insufficient evidence	2. Endorse Recommendation N Do not support	2. Endorse Recommendation N Need better evidence	2. Endorse Recommendation N Not enough evidence to justify.
	3. Landholder seeking addition of 115 ha surge area with capacity of 553 ML, and associated 900mm gated pipe to eligible works. Location - Taken to committee meeting 2/3/21 Committee's unanimous decision was that surge can be included in eligible works with a volume of 553ML and addition of 900mm gated pipe	Recommend: 3. NRAR desktop analysis agrees with proposed volume (115 Ha at average depth of 0.5m [no freeboard]) Works appear likely to be part of floodplain harvesting scheme. MODERATE evidence supplied for addition of temporary storage area to eligible works Inclusion of: 553 ML temporary storage 900mm gated pipe.	3. Endorse Recommendation Y to both 553ML temp and 900mm pipe.	3. Endorse Recommendation N Same photo as provided with M040 No evidence of pre 2008 use Correct Property is immediately adjacent M040 so field is shown in same photo Annual water observations from space confirms field has been used as temp OFS or inundated from early 1990's	3. Endorse Recommendation Y or N Remarks or request for additional information from NRAR/DPIE-W Need evidence of pre July 2008 and freeboard Annual water observations from space confirms field has been used as temp OFS or inundated from early 1990's	Recommendation N Evidence does not pre date 2008 Annual water observations from space confirms field has been used as temp OFS or inundated from early 1990's
5	1. Contesting storage volume OFS1, OFS2 and OFS3	Recommend: 1.OFS1- support increase from 440 ML to 542 ML	1.Enderse Recommendation Y or N	1. Endorse Recommendation Y or N	1. Endorse Recommendation Y or N	1. Endorse Recommendation Y or N

	Withdrawn – new information sent in today 10/12/20	OFS2-support increase from 490 ML to 555 ML OFS3—support increase from 430ML to 541ML.	Remarks or request for additional information from NRAR/DPIE-W	Remarks or request for additional information from NRAR/DPIE-W	Remarks or request for additional information from NRAR/DPIE-W	Remarks or request for additional information from NRAR/DPIE-W
6	1.Contesting storage volume OFS1 and OFS2	Recommend: 1.OFS1- support increase from 3970 ML to 4145 ML, an increase of 175ML.	1. Endorse Recommendation 1.2 Y 4% increase. 1.2 Y 33% increase	1. Endorse Recommendation Y 2/2/21	1. Endorse Recommendation Y	1. Endorse Recommendation Y
		1.2 OFS2- support increase from 1410 ML to 1878ML, an increase of 468ML.				
	2. Increase in diameter of pipe FPH16 from 900mm gated to 1200mm	Recommend: 2. WEAK evidence for amendment of pipe FPH16 from 900mm to 1200mm. Not supported.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
	3. Requesting removal of pipe FPH28.	Recommend: 3. FPH28- support removal	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y

	of pipe from eligible works,				
4. Amendment of pipe FPH9 from 1200mm to 1350mm.	Recommend: 4. FPH9 – support pipe cange from 1200mm to 1350mm.	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y
5. Amendment of pipe FPH13 from 900mm to 1500mm	Recommend: 5 FPH13 – support pipe change from 900mm to 1350mm.	5. Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y
6. Addition of pipe and channel to eligible works.	Recommend: 6. <u>Not</u> supported.	6.Endorse Recommendation Y	6.Endorse Recommendation Y	6.Endorse Recommendation Y	6.Endorse Recommendation Y
7. Amendment of flow rate for FPH29 from 240 ML/day to 254 ML/day (2 x 26" pumps combined).	Recommend: 7. FPH29 – support change from 240 ML/day to 253 ML/day	7. Endorse Recommendation Y	7. Endorse Recommendation	7. Endorse Recommendation	7. Endorse Recommendation
8. Increase FPH35 size by 2" and capacity by 40 ML/day.	Recommend: 8. FPH35 – support change of pump to a 26" Centrifugal pump with a capacity of 135 ML/day.	8. Endorse Recommendation Y			

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9. Increase	Recommend:	9. Endorse	9. Endorse	9. Endorse	9. Endorse
FPH34 capacity of two pumps from a total capacity of 240 ML/day to 288 ML/day.	capacity of two pumps from a total capacity of ay to 240 ML/day to	Recommendation Y	Recommendation Y	Recommendation Y	Recommendation Y
10. Removal of pump FPH 31 from eligible works	Recommend: 10.FPH31 - support removal from eligible works.	10. Endorse Recommendation Y	10. Endorse Recommendation Y	10. Endorse Recommendation Y	10. Endorse Recommendation Y
11. Removal of FPH44 channel from eligible works.	Recommend: 11. Support removal of channel FPH44 from eligible works.	11. Endorse Recommendation	11. Endorse Recommendation Y	11. Endorse Recommendation Y	11. Endorse Recommendation Y
12.Requestin g extension of channel FPH45 (FPH37). Taken to committee meeting 2/3/21 Committee unanimous decision was that channel FPH37 can be extended	Recommend: 12.MODERATE evidence of extension of channel FPH37, may be supported.	12. Endorse Recommendation Y With disconnect works Is already filled see p47	12. Endorse Recommendation N Inconclusive evidence Photo showing block at dedicated location (Lat / Long) LiDAR and imagery showing work in place 2013 2007 LiDAR indicates no works	12. Endorse Recommendation Y If end of channel is filled to NRARs requirements Is already filled see p47	12. Endorse Recommendation N Evidence is not consistent with request. Photo showing block at dedicated location (Lat / Long) LiDAR and imagery showing work in place 2013 2007 LiDAR indicates no works Refer to Stat Dec

				Refer to Stat		
				Dec		
			13. Endorse	13. Endorse	13. Endorse	13. Endorse
	13. Requesting	Recommend:	Recommendation			
	removal of	13. Support removal of		Recommendation	Recommendation	Recommendation
	channel	channel FPH74				
	FPH74 as it is	from eligible	Y	Υ	Υ	Υ
	internal	works				
	14.	Recommend:	14. Endorse Recommendation	14. Endorse	14. Endorse	14. Endorse
	Requesting amendment of	14. OFS5 - support		Recommendation	Recommendation	Recommendation
	temporary	increase from	Υ			
	storage FPH 5 from	310 ML to	(67% increase)	Υ	Υ	Υ
	310 ML to 518	518 ML, an increase of				
	ML	208ML.				
			15. Endorse	15. Endorse	15. Endorse	15. Endorse
	15.	Recommend:	Recommendation			
	Requesting additional	15. Support addition of a		Recommendation	Recommendation	Recommendation
	temp storage	130 ML TEMP	V			
	of 130 ML	storage to	Y	Υ	Υ	Υ
		eligible works				
7	N033	Recommend:	1. Endorse	1. Endorse	1. Endorse	1. Endorse
			Recommendation	Recommendation	Recommendation	Recommendation
	1.1	1.1 OFS1 –				
	1.1 Landholder	support change from 160ML to	Y	Y	Y or N	Y
	requesting an	187ML, an			Not same as submission.	
	increase in volume for	increase of 27ML.				
	OFS1 from	ZTIVIL.			Sorry , please see update	
	160ML to				Y to support	
	200ML, an increase of				NRARs	
	40ML				assessment	
		Revised				
	and	21/12/20				
		1.OFS1 – Weak				
		Evidence for				
	1.2 OFS2	increase from				
	increase from					

	160ML to 426ML, an increase of 266ML. Contesting storage volumes for OFS1 and OFS2	Revised 21/12/20 1.2 OFS2 - Weak evidence for increase from 40ML to 162ML. Not supported. 1.2 OFS2 - weak evidence for increase from 40ML to 162ML. Not supported.				
	2. Landholder requesting addition of permanent storage 4 with capacity of 105ML, located on the eastern side of storage 3 as eligible works.	2. Recommend: Addition of permanent storage 4 with capacity of 105ML, located on the eastern side of storage 3 as eligible works. Revised 21/12/20	1. Endorse Recommendation Y or N Remarks or request for additional information from NRAR/DPIE W	1. Endorse Recommendation Y or N This issue does not appear in submission Sorry, deleted	1. Endorse Recommendation Y or N Not in submission Sorry deleted	1. Endorse Recommendation Y or N Remarks or request for additional information from NRAR/DPIE-W
8	1.Requesting an increase in OFS2 temporary storage from 50ML to 419ML, an	Recommend: 1. Amendment of Temporary Storage OFS 2 to a volume 60 ML and area of 30 ha may be supported.	1. Endorse Recommendation Y	1. Endorse Recommendation Y or N This does not match Issue 1 in submission	1. Endorse Recommendation Y or N Different to submission Sorry Updated	1. Endorse Recommendation Y

increase of	Updated		Sorry Updated	Y	
369ML.	21/12/20			·	
Updated 21/12/20 1.Requesting change is storage volume OFS1 from 560ML to 900ML, an increase of 340ML.	1.OFS1- support a part of the claim from 560ML to 760ML, an increase of 200ML.		Υ		
2. Requesting addition of 1200mm gated pipe into OFS1	Recommend: 2. OFS1- Supported - MODERATE evidence via imagery with measurements and coordinates for the inclusion of the 1200mm gated pipe located at -30.178 149.54020.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
3. Inclusion of the 900mm gated pipe located at -	Recommend: 3.Support inclusion of the 900mm gated pipe located at -	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
4. Requesting additional centrifugal 660mm pump (Central Lift Pump) located at	Recommend: 4.Weak evidence for additional centrifugal 660mm pump (Central Lift Pump) located at -	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y if the pump is not used for FPH	4. Endorse Recommendation Y

9	1.Requesting an increase in OFS1 from 120ML to 146ML, an increase of 26ML.	Recommend: OFS1- Support an increase from 120ML to 138ML, an increase of 18ML.	1. Endorse Recommendation Y 15% increase	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
10	of 900mm gated pipe to eligible works at -	Recommend: 1.Support addition of 900mm gated pipe to eligible works at -	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
	2. Requesting removal of channels FPH10 and FPH11 as they are internal channels.	Recommend: 2. Support removal of channels FPH10 and FPH11 from eligible works.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
	3. Requesting removal of Regulator FPH9 as it is on the Channel (ROI N213).	Recommend: 3.Support removal of regulator FPH9 from eligible works.	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y 17/2/21

11	1. Requesting additional channel (currently mapped as FPH 17 and ineligible) to eligible works.	Recommend: 1. WEAK evidence for addition of channel FPH17 to eligible works. Not supported.	1. Endorse Recommendation Y 571ML	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
	2. Requesting decrease in length of channel FPH19 as the western portion is internal works only.	Recommend: 2. Support removal of the western part of channel FPH19 from eligible works.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
12	1. Requesting amendment of OFS2 from pump only to pump and gravity fed (Type B storage). Taken to committee meeting 2/3/21 Committee unanimous decision was that OFS2 is already a Type B storage – no further action	Recommend: 1.OFS2 - There may be a possibility for a gravity fed component of storage but no evidence was provided to support this. WEAK evidence for amendment of OFS2 from pump only to pump and gravity fed. May be supported. See Lidar imaged attached below for further evidence	1. Endorse Recommendation N Water to OFS 2 and Temp Only OFS 3 can be by gravity for first 1m as per attached LiDAR OFS uses same pipes to take water out for distribution	1. Endorse Recommendation N No evidence Water to OFS 2 and Temp Only OFS 3 can be by gravity for first 1m as per attached LiDAR OFS uses same pipes to take water out for distribution List for next meeting 12/2/21Teams meeting with	1. Endorse Recommendation Y	1. Endorse Recommendation Y

information is required to make a decision. Requires certification from supplier/install er that pumps in question have the capacity as stated. Document 14 in submission states it is not possible to take photos (inaccessible) and no receipts are available Document 22 — email from pump supplier confirms that pumps are 450mm. Has confirmed that pumps have different capacities. Feel that no more evidence is available, so have not requested	pump, with NRAR nominal flow rate of 120 ML/day.	support different pumps also. Need specification plate photo or confirmation from supplier / receipts as to size. emailed for additional evidence 10/2/21 Pump curves and confirmation of size from supplier/installer received 17/2/21 analysis indicates 2 x 450mm pumps, so could endorse this size not the 500mm requested.			
4. Requesting removal of channels FPH21 and FPH24 as they are on other properties.	Recommend: Support removal of channels FPH21 and FPH24 from eligible works.	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y

5. Requesting addition of channel to eligible works (referred to as channel 27) Taken to committee meeting 2/3/21 This issue not discussed – add to 17th March meeting	Recommend: 5. MODERATE evidence for addition of 'Channel 27' to eligible works. May be supported	5.Endorse Recommendation Y or N ? No Channel 27 on map	5. Endorse Recommendation ?? Is NRAR Lidar evidence for 2008? Inspection confirms that channel is evident as does aerial imagery. Not included as effectively part of floodway and any FPH picked up by Pipe FPH 4 Y 12/2/21Teams meeting with	5. Endorse Recommendation Y	5. Endorse Recommendation Y
6. Requesting additional channel (TWR Field 1) to eligible works.	Recommend: MODERATE evidence for addition of 'TWR Field 1' channel to eligible works. May be supported.	6.Endorse Recommendation Y	6. Endorse Recommendation ?? Is NRAR Lidar evidence for 2008? No LiDAR during that period (2007/2008) but imagery and historic file material confirms that property has been developed in this format since late 1980's to allow for flood flows through	6. Endorse Recommendation Y	6. Endorse Recommendation Y

				i.e., floodway network Y 12/2/21Teams meeting with		
	7. Requesting additional channel (Supply Channel Field 1).	Recommend: 7. MODERATE evidence for addition of channel 'Supply Channel Field 1' to eligible works. May be supported.	7.Endorse Recommendation Y	7. Endorse Recommendation ?? Is NRAR Lidar evidence for 2008? No LiDAR during that period (2007/2008) but imagery and historic file material confirms that property has been developed in this format since late 1980's to allow for flood flows through i.e., floodway network Y 12/2/21Teams meeting with	7. Endorse Recommendation Y	7. Endorse Recommendation Y
13	1. Contesting storage volume OFS1.	Recommend: 1. OFS1- NRAR supports increase in volume from 1130 ML to 1236 ML, an increase in 106 ML.	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y

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	2. Requesting amendment of FPH 10 pump from 400mm axial to 350mm axial with flow rate of 102 ML/day.	Recommend: 2. Support the change of pump sizes from 400mm to 350mm axial flow and upgrade the pump capacity from 45 ML/dato 51 ML/day for a total of 102 ML/day.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
14	1. Contesting storage volume OFS3.	Recommend: OFS3- Support an increase in capacity from 2340 ML to 2627 ML, an increase of 287 ML.	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
	2. Requesting amendment of pipe FPH 4 from 750mm to 900mm.	Recommend: 2.FPH4- NRAR to advise landholder that pipe is <u>not</u> eligible and would also <u>not</u> eligible for WSWA (Water Supply Work Approval).	2. Endorse Recommendation Y Blow out pipe only	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
	3. Requesting amendment of FPH 9 from 2 x 600mm pump to 2 x 660mm centrifugal pumps with flow rate of 262 ML/day (combined).	Recommend: 3.FPH9- change pump type to centrifugal and increase capacity to 2 x 131 ML/day for a total of 262ML/day combined.	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
	4. Requesting addition of 2 x	Recommend:				

	425mm axial pumps with a combined flow rate of 128ML/day.	4. FPH11 - Support inclusion of 2 x 17/21 Model Batescrew 432mm with a capacity each of 64 ML/day or 128 ML/day combined.	4. Endorse Recommendation Y 432mm	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y
	5. Inclusion of bottom field (E1) as Temporary only storage for modelling.	Recommend: 5. NRAR supports the inclusion of western field as Temporary Only storage with a volume at 0.5m freeboard of 349 ML.	5.Endorse Recommendation Y	5.Endorse Recommendation Y	5.Endorse Recommendation Y	5.Endorse Recommendation Y
15	1. Landholder has withdrawn inclusion 24.11.20.	Not Required	Not Required Noted	Not Required	Not Required	Not Required
	2. Requesting additional of FPH 12 and 13 of 1 x 1200mm gated pipes at each site Taken to committee meeting 2/3/21 Committee unanimous decision was that FPH12 and FPH13 be included as 900mm pipes based on evidence provided	Recommend: 2.Support inclusion of FPH 12 and FPH13 of 1 x 1200mm gated pipes at each site.	2. Endorse Recommendation Y or N Unable to determine size. Grower could have measured exhaust end of pipe? Size of wind-up wheel would indicate 900mm.	2. Endorse Recommendation N Not enough evidence Landholder unable to readily measure exhaust end of pipe as covered by earth. Measurement of headstock indicates a distance across of some 1300mm Would require additional evidence to be gathered	2. Endorse Recommendation Y	2. Endorse Recommendation Y

	<u> </u>				<u> </u>
3. Requesting amendment of FPH 16 from 2 x 508mm axial pumps to 1 x 500mm and 1 x 660mm pumps with total flow rate of 180ML/day	Recommend: 3. NRAR does not support the upgrade of pumps from 2 x 508mm to 1 x 508mm and 1 x 660mm for eligible works, to be noted on WSWA.	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
4. Requesting amendment of FPH 17 from 2 x 26" centrifugal pumps to 1 x 500mm and 1 x 660mm pumps.	Recommend: 4. NRAR supports the upgrade of the pump site from 2 x 660mm centrifugal pumps to 1 x 500mm pump (65 ML/day) and 1 x 660mm pump (120 ML/day) with the associated pump capacities. Combined total of 185 ML/day.	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation
5. Requesting amendment of FPH 19 from 2 x 16" centrifugal pumps to 1 x 500mm and 1 x 600mm pumps with combined flow rate of 180ML/day.	Recommend: 5. NRAR supports the upgrade from 2 x 406mm pumps at total 76 ML/day to 1 x 406mm with a capacity of 40 ML/day and 1 x 660mm with a capacity of 120ML/day centrifugal pumps.	5.Endorse Recommendation Y	5.Endorse Recommendation Y Confirming combined flow rate of 160 ML/d Correct Combined eligible pump rate is to be 160 ML/day Current pump sizers and rates will be 1 * 500mm and 1 * 660mm with combined	5.Endorse Recommendation Y	5.Endorse Recommendation Y

	6. Requesting addition of channel between pipes 12 and 13 (on marked up map as Ref 27).	Recommend: 6. NRAR supports the inclusion of the channel (Reference 27) as an eligible FPH work.	6.Endorse Recommendation Y	pump capacity of 190 ML/day 6. Endorse Recommendation Y	6. Endorse Recommendation Y	6. Endorse Recommendation Y
16	1. Contesting storage volume OFS1, OFS3 and OFS4. OFS2 or 3 or 4? To be confirmed by NRAR, Confirm as OFS1, OFS3 and OFS4 – based on eligible works letter and submission. Not OFS2	Recommend: OFS1 - NRAR supports an increase in volume from 30 ML to 39.4 ML, an increase of 9.4 ML. OFS2 3— Increase not supported to remain at NRAR volume of 50ML. OFS3 4- NRAR supports increase in volume for modelling from 10 ML to 12 ML, an increase in 2 ML. N.B. Also, as work is in Management Zone Area of the current Lower Namoi Floodplain Management Plan, NRAR will not be able to include the work as a permanent OFS in the WSWA, as storages are not an eligible work for	1. Endorse Recommendation OFS 1 Y OFS 2 3 Y No change OFS 4 Y	1. Endorse Recommendation OFS 1 Y OFS 23 Y Appears to be ineligible as per NRAR submission comments OFS 34 Y Appears to be ineligible as per NRAR submission comments Storage volume considered has been determined using below ground capacity. Therefore, this does not impact on flood flows. Volume is eligible Hence only to be considered as	1. Endorse Recommendation Y	1. Endorse Recommendation Y

		consideration or approval.		Temp Only for modelling 12/2/21 to review in her own time and advise via email out of session. Y supported via email		
	2. Requests inclusion of OFS1 Field 6 as Temporary only surge area with a volume of 147ML. Taken to committee meeting 2/3/21 Committee unanimous decision was that this be deferred to next meeting Note: Emailed for her endorsement on 18th March 2021.	Recommend: 2. OFS1 - NRAR supports the inclusion of Field 6 as a Temp Only Surge with a volume of 147 ML.	2. Endorse Recommendation Y	2. Endorse Recommendation ?? Is the field surge area also in FPM management zone No, in Zone 3 approved levee alignment, flood protected. Yes, via email 20/3/21	2. Endorse Recommendation Y	2. Endorse Recommendation Y
17	1. Contesting storage volume OFS1, OFS2 & OFS3.	Recommend: OFS1 - NRAR supports an increase in capacity from 260 ML to 330 ML, an increase of 70 ML. OFS2 - NRAR supports an increase in capacity from	1. Endorse Recommendation Y	1. Endorse Recommendation Y OFS 3 support increase to 884ML as per 1m freeboard	1. Endorse Recommendation Y	1. Endorse Recommendation Y

	1100 ML to 1263 ML, an increase of 163 ML. OFS3 - NRAR supports an increase in capacity from 680 ML to 885 ML, an increase of 205 ML.				
2. Requesting amendment of Pipe FPH5 from 1050mm gated to 1200mm gates.	Recommend: FPH5 - NRAR supports an increase in pipe size from a 1050 gated pipe to a 1200mm gated pipe.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
3. Requesting amendment of pump FPH 11 from 500mm axial @ 65 ML/day to 600mm axial with flow rate of 120 ML/day. Taken to committee meeting 2/3/21 Committee unanimous decision was that this submission be derferred until next meeting Completed by committee 17th March 2021	Recommend: FPH11 - NRAR supports the upgrade of pump from 500mm @ 45 ML/day to a 600mm axial pump with a capacity of 120 ML/day.	3. Endorse Recommendation Y	3. Endorse Recommendation ?? No photographic evidence as required Not all pumps size can be determined via photos as not all have specification plates. E.g. columnless design as per inspection photo IBQ clearly states a 600 mm or 24" axial pump. Obvious error by NRAR during initial data collection into gdb. Supplier letter confirms that	3. Endorse Recommendation Y	3. Endorse Recommendation Y

				pump is as claimed. This generally replaces the need for photo evidence of pump size Stat Dec provided List for March 2 and request tax invoice		
	4. Requesting amendment of flow rate for FPH 13 400mm pump from 45 ML/day to 60 ML/day. Taken to committee meeting 2/3/21 Committee unanimous decision was that this submission be derferred until next meeting Endorsed at 17th March 2021 meeting	Recommend: 4. FPH13 - NRAR supports the increase in pump capacity from 45 ML/day to 60 ML/day.	4. Endorse Recommendation Y	4. Endorse Recommendation Y List for March 2 and request tax invoice	4. Endorse Recommendation Y	4. Endorse Recommendation Y
18	1. Contesting storage volume OFS2, OFS3 & OFS4.	Recommend: 1.OFS2 - NRAR supports increasing capacity from 340 ML to 376 ML, an increase of 36 ML.	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y

	OFS3 - NRAR supports the increase in volume from 480 ML to 516 ML, an increase in 36 ML. OFS4 - NRAR supports the upgrade of storage volume from 1670 ML to 1900 ML, an increase of 230				
2.Landholder requesting FPH17 increase in pump capacity from 240 ML/day to 298 ML/day.	ML. Recommend: 2. FPH 17 - NRAR supports the increase in pump capacity from 120 ML/day to 149 ML/day to total of 298 ML/day.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
3. Requesting amendment of FPH21 flow rate of 600mm pump from 120ML/day to 145ML/day.	Recommend: FPH21 - NRAR supports the increase of 600mm axial pump capacity from 120 ML/day to 144 ML/day an increase in 24 ML/day for the pump site noted at 2008 location.	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
4.Requesting addition of FPH 23 and FPH 25 as eligible works.	Recommend: 4.NRAR supports inclusion of channel as mapped.	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation

	5.Requesting additional field for 609ML temporary storage.	Recommend: 5. NRAR supports inclusion of field as temporary storage with a volume of 609ML with 0.5M freeboard.	5.Endorse Recommendation Y	5.Endorse Recommendation Y	5.Endorse Recommendation Y	5.Endorse Recommendation Y
19	1.Request an increase in OFS 1 from 820ml to 851ml (31ml increase)	Recommend: 1.Strong evidence to support an increase in OFS 1 volume from 820ml to 851ml (31ml increase)	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
	2. Request an amendment of flow rate of 660mm pump (FPH 7) from 120ML/day to 294ML/day	Recommend: 2. Strong evidence in relation to current pump capacity at 147 ML/day each Strong evidence to reduce eligible works and pump capacity Supports and advises that works to be modified to: 1 x 660mm centrifugal pump at 147 ML/day for eligibility and modelling 2 x 660mm centrifugal pumps at 294	2. Endorse Recommendation Y As per NRAR advice	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y

		ML/day for WSWA				
	3. Request addition of temporary storage of 176ML.	Recommend: 3.NRAR supports inclusion of Field 36 as Temp Only storage with a volume of 176 ML and area of 74 ha.	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
20	1.Request an increase in OFS 1 from 2300ML to 2840 ML, an 540ML increase.	Recommend: 1.Strong evidence to support an increase in OFS1 volume from 2300 ML to 2840 ML, an increase of 540 ML.	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
	2. Request an increase in OFS 2 from 1680ml to 1824ml (144ml increase)	Recommend: 2.Strong evidence to support an increase in OFS 2 volume from 1680ml to 1824ml-1807ML (increase of 144ml-127ML)	2. Endorse Recommendation Y	2. Endorse Recommendation N Support increase to 1807 as per submission rec and 1m freeboard NRAR advice amended to match template Y endorsed 5/2/21	2. Endorse Recommendation Y to increase of 127ML as per submission NRAR advice amended to match template	2. Endorse Recommendation Y
	3. Contesting pump capacity of FPH 12. Requesting pump rate of 142ml /day	Recommend: 3.Strong evidence to supports the increase in pump capacity (FPH 12) from 120 ML/day per	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y

	pump to 142 ML/day (increase of 22 ML/day).				
4. Contesting pump capacity of FPH 13. Requesting pump rate of 143ml/day	Recommend: Strong evidence to support the increase in pump capacity (FPH 13) from 120 ML/day per pump to 143 ML/day (increase of 23 ML/day)	4. Endorse Recommendation Y			
5. Contesting pump capacity of FPH 15. Requesting pump rate of 138ml/day	Recommend: Strong evidence to support the increase in pump capacity (FPH 15) from 120 ML/day per pump to 138 ML/day (increase of 18 ML/day)	5. Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y
6.Claiming additional 'Temp Only' storages for Field 46.	Recommend: Strong evidence to support the addition of the area known as Field 46 as Temp Only storage and volume for modelling of 1029 ML	6. Endorse Recommendation Y	6. Endorse Recommendation Y	6. Endorse Recommendation Y	6. Endorse Recommendation Y
7. Claiming additional 'Temp Only' storages for Field 48a	Recommend: 7.Strong evidence to support the addition of the area known as Field 48a as Temp Only storage and volume for modelling of 49 ML	7. Endorse Recommendation Y	7. Endorse Recommendation Y	7. Endorse Recommendation Y	7. Endorse Recommendation Y Via email 18 Feb 2021

21	1. Contesting storage volume OFS1 and OFS2.	Recommend: 1.OFS1 - Increase not supported, remain at 330ML. OFS2 - Support increase in capacity from 370ML to 392ML.	1. Endorse Recommendation OFS 1 Y 330ML SBM evidence OFS2 Y 392ML	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
	2. Requesting inclusion of Channel FPH20 as eligible works.	Recommend: 2. STRONG evidence provided in the form of photos with coordinates location is - and a stat dec to support the inclusion of FPH20 to pump10 as eligible works for FPH. Note: FPH21 should have continued the length of FHP20. The channel extends to the river pumps and does not have any direct link to the creek. A1 sheets comment identifies channel FPH21 to be extended the length of channel FPH20 at pipe 10. Updates did not occur in the NRAR system. Supported.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
22	N167	Recommend:	1. Endorse Recommendation	1. Endorse Recommendation	1. Endorse Recommendation	Endorse Recommendation

	1. Contesting storage volume OFS1 Requesting increase of 218ML to 1588ML	1. STRONG Evidence via associated report to support a portion of the request to increase OFS 1 by 10% from 1370 ML to 1512 ML. Supported	Y	Y	Y	Y
23	Contesting storage volume OFS1 and OFS2 1.1 OFS1 increase of 55ML to 815ML 1.2 OFS2 increase of 36ML to 256ML	Recommend: 1.1 STRONG Evidence provided NRAR supports an increase in volume at OFS 1 from 760 ML to 815 ML an increase in 55 ML 1.2 STRONG Evidence provided NRAR supports an increase in volume from 220 ML to 256 ML an increase in 36 ML	1.1 Endorse Recommendation Y	1.1 Endorse Recommendation Y	1.1 Endorse Recommendation Y	1.1 Endorse Recommendation Y
24	1. Contesting storage volume OFS1	Recommend: 1. STRONG Evidence provided NRAR supports increase in	1. Endorse Recommendation Y	Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y

	Requesting increase of 116.3ML to 196.3ML	OFS1 volume from 80 ML to 196.3 ML and increase of 116.3 ML				
25	1. Contesting storage volume OFS1	Recommend: 1. STRONG evidence via associated report of 416% increase from 30 ML to 155 ML Support a portion of the requested increase in storage volume.	1. Endorse Recommendation Y 155ML	1. Endorse Recommendation Y	1. Endorse Recommendation Y Remarks or request for additional information from NRAR/DPIE-W	1. Endorse Recommendation Y
	2. Requesting addition of storage to eligible works	2. STRONG evidence via associated report of addition of OFS2 to eligible works with a volume of 193 ML. May be supported	2. Endorse Recommendation Y 193ML	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
	3. Requesting revision of OFS4 as a permanent storage with a volume to 12 ML	3. STRONG evidence via associated report of addition of OFS4 to eligible works with a volume of 13 ML NRAR supports	3. Endorse Recommendation Y 13ML	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
	4. Requesting addition of 750mm pipe with plate end	4. MODERATE evidence for addition of 750mm pipe to eligible works at	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y

	to eligible works	May be supported	750mm pipe			
	5. Requesting additional channel on NW of development	5. MODERATE evidence for the addition of channel to eligible works, but mapping to be cut 40m short of the waterway to the north. May be supported	5. Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y
26	Contesting storage volume OFS1 and OFS2 1.1 OFS1 increase of 104ML to 1435ML	Recommend: 1.1 STRONG Evidence via associated report for an 8% increase from 13309 ML to 1435 ML at OFS1.	1.1 Endorse Recommendation Y 1435ML	1.1 Endorse Recommendation Y	1.1 Endorse Recommendation Y	1.1 Endorse Recommendation Y
	1.2 OFS increase of 40ML to 650ML	Supported 1.2 STRONG Evidence via associated report for a 6.5% increase from 610 ML to 650 ML NRAR Supports	1.2 Endorse Recommendation Y 650ML	1.2 Endorse Recommendation Y	1.2 Endorse Recommendation Y	1.2 Endorse Recommendation Y
	2. Requesting addition of	2. STRONG evidence for the inclusion	2. Endorse Recommendation	2. Endorse Recommendation	2. Endorse Recommendation	2. Endorse Recommendation

	660mm centrifugal pump with a flow rate of 138ML/day - referenced as FPH23)	of FPH23 as an eligible works consisting of a 660mm centrifugal pump with a flow rate of 138ML/day. Supported.	Y	Y	Y	Y
	3. Requesting addition of channel (referenced as FPH27)	3. STRONG evidence to support the inclusion of FPH 27 as eligible for FPH. Supported.	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
	4. Requesting addition of channel (referenced as FPH29)	4. STRONG evidence to support the inclusion of FPH 29 as eligible for FPH. Supported	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y Via email 18 Feb 2021
27	1. Contesting storage volume OFS1 Requesting increase of 6ML to 26ML	Recommend: 1. WEAK Eviden ce to support a 30% increase from 20 ML to 26 ML at OFS1. Not supported	1. Endorse Recommendation Y 20ML based on SBM evidence	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
28	1. Contesting storage volume OFS1	Recommend: 1. WEAK Eviden ce to support an increase	1. Endorse Recommendation Y	Endorse Recommendation Y	Endorse Recommendation Y	1. Endorse Recommendation Y

Requesting increase of 31ML to 461ML	from 430ML to 461ML at OFS1. Not supported				
2. Requesting inclusion of pumps at proposed FPH9 (with flowrates of 40ML/day for 2 x 400mm pumps combined).	2. WEAK Evidenc e to support the inclusion of internal pumps as FPH works. Not supported	2. Endorse Recommendation Y 430ML	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
3. Requesting inclusion of inverted siphon and its ability to transfer FPH water (from Pipe FPH4) and be delivered to OFS1 by pump FPH9	3. WEAK Eviden ce to support the inclusion of the internal pipe as an FPH work. Not supported	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
4. Requesting extension of channel FPH14	4. WEAK Eviden ce to support the extended channel as an FPH work.	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y
5. Requesting inclusion of temporary storage of 134ML (0.0m freeboard)	5. NRAR policy is for such floodplain storages (in channel, below NS level) to have 0.5m freeboard. MODERATE Evidence to allow an increase in	5. Endorse Recommendation Y 48ML	5. Endorse Recommendation Y	5. Endorse Recommendation Y to allow increase to 48ML	5. Endorse Recommendation Y

29	N208	storage volume to 48 ML with 0.5 m freeboard Recommend: 1.1 WEAK	1.1 Endorse	1.1 Endorse	1.1 Endorse	1.1 Endorse
	Contesting storage volume OFS1 and OFS2	evidence for increase in storage volume at OFS 1.	Recommendation Y	Recommendation Y	Recommendation Y	Recommendation Y
	1.1 OFS1 increase of 42ML to 162ML 1.2 OFS2 increase of 21ML to 81ML	1.2 WEAK evidence for increase in storage volume at OFS 2. Not supported	1.2 Endorse Recommendation Y			
	2. Requesting addition of 1200mm pipe to eligible works	2. MODERATE evidence for addition of 1200m pipe to eligible works at NRAR supports	2.Endorse Recommendation Y	2.Endorse Recommendation Y	2.Endorse Recommendation Y	2.Endorse Recommendation Y
30	N209 1. Contesting storage volume OFS1 Requesting increase of 11.4ML to 51.4ML	Recommend: 1. WEAK evidence for increase in storage volume at OFS 1. Not supported.	1. Endorse Recommendation Y 40ML	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
	2. Requesting inclusion of pipe FPH16 in eligible works	2. STRONG evidence for addition of pipe FPH16 to eligible works.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y Via email 18 Feb 2021

	3. Requesting addition of 1200mm pipe to eligible works	3. STRONG evidence for addition of channel to eligible works at NRAR supports	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
31	1. Contesting storage volume OFS1 Requesting increase of 136ML to 1736ML	Recommend: 1. WEAK Eviden ce to support an 8.5% increase from 1600 ML to 1736 ML_at OFS1. Not supported	1. Endorse Recommendation Y 1600ML	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y
	2. Requesting removal of channel FPH12 from eligible works as it does not capture floodplain water	2. STRONG evidence through internal review to remove channel FPH12 as eligible for FPH. Supported	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
32	N211 Contesting storage volume 1.1 OFS1 increase of 123ML to 523ML	Recommend: 1.1 STRONG Evidence via associated report of a 22% increase from 400 ML to 489 ML at OFS 1 NRAR Supports some of the	1.1 Endorse Recommendation Y 489ML	1.1 Endorse Recommendation Y	1.1 Endorse Recommendation Y	1.1 Endorse Recommendation Y

1.2 OFS2	requested				
increase of	increase	1.2 Endorse	1.2 Endorse	1.2 Endorse	
6ML to 36ML		Recommendation	Recommendation	Recommendation	
		Y	Y	Y	1.2 Endorse
	1.2 WEAK evidence for	30ML	'	'	Recommendation
	increase in	SOIVIL			Y
	storage volume at OFS 2.				
	Not supported				
2. Requesting	2. STRONG	2. Endorse	2. Endorse	2. Endorse	2. Endorse
addition of 2 x 900mm pipes	evidence for addition of	Recommendation	Recommendation	Recommendation	Recommendation
(FPH9) in eligible works	FPH9 (two 900mm pipes)	Υ	Y	Υ	Υ
ongible works	to eligible works				
	NRAR supports				
3. Requesting	3.	3. Endorse	3. Endorse	3. Endorse	3. Endorse
inclusion of 450mm gated	MODERATE evidence for	Recommendation	Recommendation	Recommendation	Recommendation
pipe in eligible	addition of	Υ	Υ	Y to inclusion	Υ
works	450mm pipe to eligible	1x 450mm eligible			
	works at -				
	May be supported				
	Japportou				
4. Requesting	4. MODERATE	4. Endorse	4. Endorse	4. Endorse	4. Endorse
inclusion of 2 x 700mm	evidence of addition of twin	Recommendation	Recommendation	Recommendation	Recommendation
gated pipes	700mm pipes to	Υ	Y	Y supported	Υ
	eligible works at	2x700mm			
		eligible			
	May be supported				
	Supported				

	5. Requesting inclusion/ Acknowled- gment of Channel FPH17	5. MODERATE evidence for addition of Channel FPH17 to eligible works. May be supported	5. Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y
	6. Requesting removal of channels FPH19, FPH20 and FPH21 from eligible works	6. MODERATE evidence for removal of channels FPH19, 20, 21 from eligible works. May be supported	6. Endorse Recommendation Y Support removal	6. Endorse Recommendation Y	6. Endorse Recommendation Y	6. Endorse Recommendation Y
33	Contesting storage volume 1.1 OFS1 increase of 40ML to 210ML	Recommend: 1.1 EVIDENCE - Weak. The information appears to be based on the same assumption of a 5m high storage in the IBQ which was shown to be wrong in the LiDAR analysis and the storage curve presented for the other storage (FPH 1). The change is not supported in this case	1. 1 Endorse Recommendation Y No change	1. 1 Endorse Recommendation Y	1. 1 Endorse Recommendation Y	1. 1 Endorse Recommendation Y
	1.2 OFS2 increase of 30ML to 660ML	1.2 EVIDENCE – Strong. Support increase from 630 to 660 ML based on LiDAR analysis and storage curve	1. 2 Endorse Recommendation Y 660ML	1. 2 Endorse Recommendation Y	1. 2 Endorse Recommendation Y	1. 2 Endorse Recommendation Y

2. Reque addition of 1200mm gated pip (Ref 8)	of s pe la ir s th	2. EVIDENCE – Strong. Photos show 1200mm bipe at that ocation. Field nspection also shows a pipe here. Note that the bipe should be dentified in N214 and removed from N215 as FPH6.	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y
3. Reque amendme flow rate FPH3 fro 120ML/ds 164ML/ds	ent of p a c c s s ir s 6 n	B. EVIDENCE – Strong. Lift coump report and pump curves show support for the submission. Support submission to increase FPH3 size from 660mm to 810 mm with a 164ML/d	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
4. Reque amendments pump FP from 660 pump to 305mm centrifuga pump (reduction size)	ent of SPH4 Fmm fit 3	4. NRAR Support FPH4: reduce from 660mm to 305mm with 50 ML/d	4. Endorse Recommendation Y 305mm at 50ML/day	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y
5. Reque removal of pump FP as it is us for regula water	of S PH5 sed Nated F	5. NRAR Supported Not eligible for Floodplain Harvesting	5. Endorse Recommendation Y N/A	5. Endorse Recommendation Y	5. Endorse Recommendation Y	5. Endorse Recommendation Y
6. Reque addition o	of V	6. EVIDENCE – Weak. The channel is an	6. Endorse	6. Endorse	6. Endorse	6. Endorse

	channel (Ref 6B)	internal channel and is not an FPH work.	Recommendation Y Not eligible	Recommendation Y	Recommendation Y	Recommendation Y
	7. Requesting addition of channel (Ref 6C)	7. This is an external channel with connection to so is not eligible for fph. EVIDENCE – Weak. The channel cannot be an FPHwork	7. Endorse Recommendation Y Not eligible	7. Endorse Recommendation Y	7. Endorse Recommendation Y	7. Endorse Recommendation Y
34	1. Requesting inclusion in eligible works as OFS1	Recommend: 1. The property has no source of fph extraction and has been deemed ineligible. Not supported	1. Endorse Recommendation Y Not eligible	1. Endorse Recommendation Y	1. Endorse Recommendation Y Remarks - Did access flood plain water pre 2008 and before being connected to ?	1. Endorse Recommendation Y
	2. Requesting inclusion of 900mm open pipe, 900mm gated pipe and 1200mm gated pipe in eligible works	2. The property has no source of fph extraction and has been deemed ineligible. The request for a 1200mm pipe intake for fph water is on N214 and it has been identified as part of that property. Not supported.	2. Endorse Recommendation Y Not eligible	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y

	3. Requesting inclusion of 660mm centrifugal pump with flow rate of 155ML/day in eligible works	3. The property has no source of FPH extraction and has been deemed ineligible. Not supported.	3. Endorse Recommendation Y Not eligible	3. Endorse Recommendation Y	3. Endorse Recommendation Y	3. Endorse Recommendation Y
	4. Requesting inclusion of channel in eligible works	4. The channel requested is part of an internal channel connected to and which lies partly in the adjacent property N214 under the same ownership. Not supported.	4. Endorse Recommendation Y Not eligible	4. Endorse Recommendation Y	4. Endorse Recommendation Y	4. Endorse Recommendation Y
35	Requesting addition temporary storages of: 1.1 25ML 1.2 57ML	Recommend: 1.1 STRONG Evid ence via associated report a stat dec and historical imagery to support the inclusion of the temporary storage located with a capacity of 25ML. 1.2 STRONG Evid ence via associated report a stat dec and historical imagery to support the inclusion of the temporary storage located with a with a	1. Endorse Recommendation 1.1 Y 25ML 1.2 Y 57ML	1. Endorse Recommendation Y	1. Endorse Recommendation Y	1. Endorse Recommendation Y

	capacity of 57ML. Supported				
2. Requesting additional 600mm pipe at location	Recommend: Support inclusion of 600mm pipe at location	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y	2. Endorse Recommendation Y via email 18 Feb 2021

• OFS 2

