

W6 Out of Session Independent Review Committee Record – sent 20 November 2020

(downloaded 23 April 2021 and saved to CM9)

No	Submission No. Property and Issue No./ Landholder Requests	NRAR Recommendation. Follow up clarification if requested by committee in bold.	HRC member: ██████████	HRC member: ██████████	HRC member: ██████████	HRC member: ██████████
1.	M012 ██████████ 1. Landholder requesting increase in storage volume OFS1 from 110ML to 157ML, an increase of 47ML.	Recommend: 1.OFS1 - support change from 110ML to 145ML, an increase of 30ML 35ML.	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y to NRAR assessment	1. Endorse: Y
	2. Landholder requesting increase in storage volume at OFS 2 from 0ML to 119ML, an increase of 119ML.	Recommend: 2. OFS2 – support change from 0ML to 119ML, an increase of 119ML.	2. Endorse: Y	2. Endorse: Y	2.Endorse: Y to NRAR assessment	2. Endorse: Y
	3. Landholder requesting increase in storage volume at OFS 3 from 40ML to 53ML. An increase of 13ML.	Recommend: 3. OFS3– <u>do not</u> support increase. Support change from 40ML to 30ML, a decrease of 10ML.	3. Endorse: Y	3. Endorse: Y Support NRAR recommendation	3.Endorse:Y to NRAR assessment	3. Endorse: Y
	4. Landholder requesting increase in storage volume at OFS 4 from 80ML to 194ML, an increase of 114ML.	Recommend: 4. OFS4 – support change from 80ML to 194ML, an increase of 114ML.	4. Endorse: Y	4. Endorse: Y	4. Endorse: Y	4. Endorse: Y
	5. Landholder requesting increase in	Recommend: 5. OFS5 – support change from 850ML	5. Endorse: Y	5. Endorse: Y	5.Endorse: Y to NRAR assessment	5. Endorse: Y

	storage volume at OFS 5 from 850ML to 1013ML, an increase of 163ML	to 1013ML, an increase of 163ML.				
	6. Landholder requesting increase in storage volume at OFS 6 from 1410ML to 1433ML, an increase of 23ML.	Recommend: 6. OFS6 – support change from 1410ML to 1433ML, an increase of 23ML.	6. Endorse: Y	6. Endorse: Y	6. Endorse: Y	6. Endorse: Y
	7. Requesting change of pipe FPH8 from single to twin 900mm pipes	Recommend: 7. FPH8 - support the change of single to twin 900mm pipes.	7. Endorse: Y	7. Endorse: Y	7. Endorse: Y	7. Endorse: Y
	8. Requesting increase in FPH9 pipe size from 750mm to 950mm.	Recommend: 8.FPH9 - support change in pipe size from 750mm to 950mm.	8. Endorse: Y	8. Endorse: Y	8. Endorse: Y	8. Endorse: Y
	9. Requesting change of pipe size FPH11 from 600mm to 750mm.	Recommend: 9. FPH11 - support change in pipe size from 600mm to 750mm.	9. Endorse: Y	9. Endorse: Y	9. Endorse: Y	9. Endorse: Y
	10. Requesting change of pipe FPH12 from 600mm to 700mm	Recommend: 10. FPH12 - support change in pipe size from 600mm to 700mm.	10. Endorse: Y	10. Endorse: Y	10. Endorse: Y	10. Endorse: Y
	11. Requesting change of pipe FPH14 from 900mm to 1100mm.	Recommend: 11. FPH14- support change in pipe size from 900mm to 1100mm.	11. Endorse: Y	11. Endorse: Y	11. Endorse: Y	11. Endorse: Y

	12. Requesting change of FPH15 pipe from one 600mm pipe to a 550mm pipe and a 1000mm pipe	Recommend: 12. FPH15 - support change from one 600mm pipe to a 550mm pipe and a 1000mm pipe.	12. Endorse: Y	12. Endorse: Y	12. Endorse: Y	12. Endorse: Y
	13. Requesting addition of an 850mm pipe to eligible works.	Recommend: 13. Support the addition of an 850mm pipe at location -31.9911, 148.1065 to eligible works.	13. Endorse: Y	13. Endorse: Y	13. Endorse: Y	13. Endorse: Y
	14. Requesting change of FPH25 capacity to twin 500mm centrifugal pumps, from 130 ML/day to 147 ML/day.	Recommend: 14. FPH25 – support change of pump capacity to twin 500mm centrifugal pumps, from 130 ML/day to 147 ML/day.	14. Endorse: Y	14. Endorse: Y I presume this is a combined daily flow rate for pumps. Yes it is	14. Endorse: Y	14. Endorse: Y
	15. Requesting changing pumps FPH29 from twin 500mm centrifugal pumps with a capacity of 130 ML/day to twin 600mm axial pumps with a capacity of 196 ML/day.	Recommend: 15. Weak evidence provided to support changing pump FPH29 to twin 600mm axial pumps with a capacity of 196 ML/day. <u>Not Supported.</u> Recommendation contested – returned to committee 11/2/21 Additional evidence provided by landholder to improve strength of evidence. Committee supported change at meeting 11th February 2021 (see Meeting 38 minutes)	15. Endorse: Y	15. Endorse: Y I support NRAR recommendation	15. Endorse: Y to NRAR assessment	15. Endorse: Y
		Recommend:	16. Endorse: Y	16. Endorse: Y	16. Endorse: Y	16. Endorse: Y

	16. Requesting addition of 500mm centrifugal pump with a capacity of 47.5 ML/day to eligible works. Currently mapped as ineligible 500mm centrifugal pump with a capacity of 65 ML/day.	16. FPH27 – support inclusion of a 500mm centrifugal pump with a capacity of 47.5 ML/day eligible works.				
	17. Requesting FPH26 addition of 300mm centrifugal pump with a capacity of 25 ML/day to eligible works. Currently mapped as ineligible with a capacity of 25 ML/day.	Recommend: 17. FPH26 – support inclusion of a 300mm centrifugal pump with a capacity of 25ML/day eligible works.	17. Endorse: Y	17. Endorse: Y	17. Endorse: Y To NRAR assessment	17. Endorse: Y
	18. Requesting FPH34 change of regulator from 4x2m to 5.5x6m.	Recommend: 18. FPH34 - support the change of regulator dimensions from 4x2m to 5.5x6m.	18. Endorse: Y	18. Endorse: Y	18. Endorse: Y	18. Endorse: Y
	19. Requesting FPH35 change of regulator from 2x2m to 30x2m.	Recommend: 19. FPH35 - support the change of regulator dimensions from 2x2m to 30x2m.	19. Endorse: Y	19. Endorse: Y	19. Endorse: Y	19. Endorse: Y
	20. Requesting change of regulator FPH37 dimensions from 6x2m to 9x1.7m.	Recommend: 20. FPH37 - support the change of regulator dimensions from 6x2m to 9x1.7m.	20. Endorse: Y	20. Endorse: Y	20. Endorse: Y	20. Endorse: Y

	21. Requesting reduction in size for pipe FPH19 from 750mm to 550mm.	Recommend: 21. FPH19- support correction for pipe size from 750mm to 550mm.	21. Endorse: Y	21. Endorse: Y	21. Endorse; Y	21. Endorse: Y
	22. Requesting reduction in size for pipe FPH20 from 900mm gated to 750mm open.	Recommend: 22. FPH20- support correction for pipe size from 900mm gated to 750mm open.	22. Endorse: Y	22. Endorse: Y Also requesting change from gated to open. Noted. Does this change to gravity fed pipe? This pipe is already categorised as a gravity fed pipe. Allows TWR back to OFS2. Water automatically flows to surge area.	22. Endorse: Y	22. Endorse: Y
2	M053 ████████ 1. Landholder requesting increase in storage volume at OFS 1 from 370ML to 468ML, an increase of 98ML.	Recommend: 1. NRAR supports a portion of increase requested. Increase OFS 1 from 370ML to 443 ML.	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y to NRAR assessment	1. Endorse: Y
	2. Requesting amendment of flow rate for pipe FPH2.	Recommend: 2. FPH2 – weak evidence, <u>not supported</u> .	2. Endorse: Y	2. Endorse: Y Support NRAR recommendation	2. Endorse: Y to NRAR assessment	2. Endorse: Y
	3. Requesting amendment of FPH5 from 500mm axial to	Recommend: 3. FPH5 – support change from	3. Endorse: Y	3. Endorse: Y	3. Endorse: Y	3. Endorse: Y

	660mm centrifugal flow pump with flow rate of 120 ML/day.	500mm axial to 660mm centrifugal flow pump with flow rate of 120 ML/day.				
3.	M010 [REDACTED] 1. Landholder requesting increase in storage volume at OFS 1 from 300ML to 480ML, an increase of 180ML.	Recommend: 1. <u>Not supported.</u> OFS1 volume to remain at 300ML.	1. Endorse: Y	1. Endorse: Y Support NRAR recommendation	1. Endorse: Y N to request due to lack of substantial evidence.	1. Endorse: Y
	2. Requesting change to pump sizes at FPH4.	Recommend: FPH4 – support change from 2 x 350mm pumps to 1 x 406mm and 1 x 508 mm pumps.	2. Endorse: Y	2. Endorse: N No evidence that pumps were in place in 2008 Y after addition evidence 2/2/21 Imagery indicated that works were in place in 2008, age of pumps indicate also. Department to request Stat Dec to confirm. Stat dec received 14/1/21 - saved to submission online	2. Endorse: Y To pump change and increase in pumping rate to NRAR generic rate for each pump.	2. Endorse: Y
4.	M019 [REDACTED] 1. Requesting increase in storage volume at OFS3 from 380ML to 395ML, an increase of 15ML.	Recommend: 1. OFS3 – support increase in storage volume from 380ML to 395ML, an increase of 15ML.	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y
	2. Requesting increase in	Recommend:	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y

	storage volume at OFS4 from 170ML to 227ML, an increase of 57ML.	2. OFS4 – support increase in storage volume from 170ML to 227ML, an increase of 57ML.				
	<p>3. Requesting amendment of FPH5 to twin 660mm pumps.</p> <p>Taken to committee meeting 2/3/21</p> <p>Committee unanimous decision was that FPH5 should be amended to 2 x 660mm pumps.</p>	<p>Recommend:</p> <p>3. FPH5 - support amending to twin 660mm pumps.</p>	<p>3. Endorse: Y</p> <p>Support if Stat Dec supplied declaring installation date.</p> <p>Stat dec requested 16_2_21 WM</p> <p>Stat dec received 19/2/21</p>	<p>3. Endorse: N</p> <p>No evidence that pumps were in place in 2008.</p> <p>NRAR has made an error in the delineation of the pumps. Photos clearly show these are 26" /660mm centrifugal pumps. Photos indicate they have been there for some time.</p>	<p>3. Endorse: Y</p> <p>To NRAR assessment</p>	<p>3. Endorse: Y</p>
5.	<p>M120</p> <p>1. Requesting inclusion of 1080mm gated pipe located at the western end of FPH4.</p>	<p>Recommend:</p> <p>1. Support the inclusion of pipe located to the western end of channel FPH 4.</p>	<p>1. Endorse: Y</p>	<p>1. Endorse: Y</p>	<p>1. Endorse: Y</p>	<p>1. Endorse: Y</p>
6.	<p>M090</p> <p>1. Requesting addition of a channel to eligible works. Channel is currently mapped as part of FPH 5 and all of FPH 6.</p>	<p>Recommend:</p> <p>1. Support the addition of channel currently mapped as part of FPH 5 and all of FPH 6 to eligible works.</p>	<p>1. Endorse: Y</p>	<p>1. Endorse: N</p> <p>No evidence that channel was in place in 2008</p> <p>Y 2/2/21</p> <p>Main supply channel from river, metered reg take and captures FPH. LiDAR indicates these channels</p>	<p>1. Endorse: Y</p>	<p>1. Endorse: Y</p>

				were in place in 2008. See image at end of this document.		
7.	M089 [REDACTED] 1. Requesting increase in pipe size of FPH 3 from 300mm to 750mm.	Recommend: 1. Support the upgrade of pipe size from 300mm gated to 750mm gated as eligible works and for the application and assessment of WSWA.	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y
	2. Requesting increase in pipe size of FPH 4 from 300mm to 750mm.	Recommend: 2.FPH4 - support an increase in pipe size from 300mm to 750mm.	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y
	3. Requesting additional 300mm pipe near FPH 5.	Recommend: 3. Not supported. These works are internal to the development are generally not included or required to be included as an eligible work nor included in the WSWA.	3. Endorse: Y	3. Endorse: Y Support NRAR recommendation	3. Endorse: Y to NRAR assessment	3. Endorse: Y
8.	M086 [REDACTED]	Recommend:	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y

	1. Requesting change in FPH5 pump from 450mm with capacity of 50ML/day to 380mm with capacity of 40ML/day.	1. Support change in FPH5 pump from 450mm with capacity of 50ML/day to 380mm with capacity of 40ML/day.				
9.	M059 [REDACTED] 1. Landholder requesting increase in storage volume at OFS1 from 300ML to 398ML, an increase of 98ML.	Recommend: 1. Change not supported. Recommend storage volume for FPH1 remain at 300ML. Based on accurate advice provided by landholder confirming the R.L. of the TOB, NRAR supports the upgrade of the storage capacity from 300 ML to 396 ML an increase of 96 ML	1. Endorse: Y Landholder provided additional information 26/11/20). NRAR has reviewed, returned to the committee (27/11/20). See changes in red.	1. Endorse: Y Support NRAR recommendation on new information Landholder provided additional information 26/11/20). NRAR has reviewed, returned to the committee (27/11/20). See changes in red.	1. Endorse: Y to NRAR updated assessment Landholder provided additional information 26/11/20). NRAR has reviewed, returned to the committee (27/11/20). See changes in red.	1. Endorse: Y Landholder provided additional information 26/11/20). NRAR has reviewed, returned to the committee (27/11/20). See changes in red.
	2. Contesting property boundary or the operational extent of the property.	Out of scope for committee.				
10	M044 [REDACTED] 1. Requesting additional	Recommend: 1.OFS1 and associated pump	1. Endorse: Y	1. Endorse: Y Support NRAR recommendation	1.Endorse: Y N to land holders' request.	1. Endorse: Y

	<p>storage on water supply works approval with a volume of 2801 ML and associated 26" pump.</p> <p>Constructed post 2008.</p>	<p><u>not supported</u> as eligible work.</p> <p>To be to be included in the Water Supply Works Approval (WSWA).</p>				
	<p>2. Request that excavation point/ cutting (now replaced by 1700mm pipe) be included in eligible works and increase in rate of intake.</p>	<p>Recommend:</p> <p>2. The 1700mm pipe is <u>not supported</u> as eligible work.</p>	<p>2. Endorse: Y</p>	<p>2. Endorse: Y</p> <p>Support NRAR recommendation</p>	<p>2. Endorse: Y</p> <p>Remarks:</p> <p>Having a pipe rather than excavator to access overland flow makes sense or is this a diff site? Need more info.</p> <p>Excavation zone only in 2008, not eligible. Pipe replacing this can be included on WSWA for compliance purposes, but not eligible FPH works.</p> <p>ok</p>	<p>2. Endorse: Y</p>
	<p>3. Requesting inclusion of temporary storage.</p>	<p>Recommend:</p> <p>3. Inclusion of northern surge is supported and to be mapped accordingly for modelling purposes and data.</p> <p>The inclusion of the southern surge is <u>not supported</u>.</p>	<p>3. Endorse: Y</p>	<p>3. Endorse: Y</p> <p>Support NRAR recommendation</p>	<p>3. Endorse: Y</p> <p>to NRAR recommendation</p>	<p>3. Endorse: Y</p>

	4. Requesting inclusion of 1700mm pipe.	Recommend: 4. <u>Not supported.</u> Works were installed post 2008 to replace the historic excavation zone method of floodplain take - therefore ineligible.	4. Endorse: Y	4. Endorse: Y Support NRAR recommendation	4. Endorse: Y	4. Endorse: Y
	5. Inclusion of mobile 300mm pump at specific location	Recommend: 5. Supports the inclusion of the pump as an eligible work located at Latitude [REDACTED] Longitude [REDACTED] and for WSWA.	5. Endorse: Y	5. Endorse: Y	5. Endorse: Y	5. Endorse: Y
11	M033 [REDACTED] 1. Requesting change of FPH3 pump from 400mm (16") centrifugal pump to 450mm axial pump at a capacity of 50 ML/day, an increase of 12ML/day. Taken to committee meeting 2/3/21 Committee unanimous decision was that DPIE should follow up with applicant to confirm the pre-2008 infrastructure in	Recommend: 1. FPH13 - Support the change from 400 mm centrifugal pump at 38 ML/day to an Everflow (18") 450 mm axial pump at 50 ML/day as eligible works and for the application and assessment of WSWA.	1. Endorse: Y	1. Endorse: Y or N N No evidence that pump was in place in 2008 NRAR's data collection was not to required standard and it is accepted that this was most likely a 450mm pump at inspection. Therefore, NRAR accepts change. Flow rate is within nominal NRAR values. Stat dec received 16/2/21 [REDACTED]	1. Endorse: Y to request	1. Endorse: Y

	<p>place as stat dec was not clear</p> <p>Taken to committee 17th March, Determined to be out of scope – WSWA only</p>					
	<p>2. Requesting change of WSWA pump at FPH 4 from 400mm centrifugal pump to 406mm axial pump at a capacity of 40ML/day, an increase of 2ML/day.</p> <p>Taken to committee meeting 2/3/21</p> <p>Committee unanimous decision was that DPIE should follow up with applicant to confirm the pre-2008 infrastructure in place as stat dec was not clear</p> <p>Taken to committee 17th March, Determined to be out of scope – WSWA only</p>	<p>Recommend:</p> <p>2. FPH4 - support change of pump from 400mm centrifugal pump to 406mm axial pump at a capacity of 40.38ML/day, an increase of 2ML/day for WSWA.</p>	<p>2. Endorse: Y</p>	<p>2. Endorse: Y or N</p> <p>N</p> <p>No evidence that pump was in place in 2008</p> <p>NRAR's data collection was not to required standard and it is accepted that these were most likely 406mm pumps at inspection.</p> <p>Therefore, NRAR accepts change. Flow rate is within nominal NRAR values.</p> <p>Report recommended flow rate remaining at 38ML/day</p> <p>Thanks [redacted] – Checked and changed to 38ML-[redacted]</p> <p>Stat dec received 16/2/21 [redacted]</p>	<p>2. Endorse: Y</p>	<p>2. Endorse: Y</p>

12	<p>M031 [REDACTED]</p> <p>1a. Request inclusion of OFS6 with a capacity of 550ML (omitted by NRAR).</p> <p>1b. Landholder requesting increase in OFS4 storage volume from 90ML to 300ML, an increase of 210ML.</p> <p>Taken to committee meeting 2/3/21</p> <p>Committee unanimous decision was that:</p> <p>- OFS6 be included as an eligible work (100ML)</p> <p>-OFS4 remain as 90ML, no increase</p>	<p>Recommend:</p> <p>1a. OFS6 - support inclusion as eligible works and modelling with a volume of 100 ML.</p> <p>1b.OFS4 - Increase in storage <u>not supported</u>, to remain at 90ML.</p>	<p>1a. Endorse: Y</p> <p>1b. Endorse:Y</p>	<p>1a. Endorse: N (endorsed Y 2/3/21)</p> <p>Not enough evidence</p> <p>Lidar information used by NRAR to do desktop volume, therefore support 100ML for modelling and eligible works but not supporting the 550ML claimed by landholder.</p> <p>This was an omission by NRAR originally, so no SBM volume determined at the time.</p> <p>1b. Endorse: Y</p> <p>Support NRAR recommendation</p> <p>Stat dec requested 17/2/21</p> <p>Received 25/221</p>	<p>1a. Endorse: Y to NRAR assessment</p> <p>1b. Endorse: Y</p> <p>N to landholder request- lack of evidence to substantiate his claim</p>	<p>1a. Endorse: Y</p> <p>1b. Endorse: Y</p>
	<p>2. Request for inclusion of FPH31 as eligible works.</p> <p>Request to change pump size from 2 x 660mm to 2x 508mm centrifugal.</p> <p>Pumps move floodplain water</p>	<p>Recommend:</p> <p>2. FPH 31 – support inclusion as eligible works and change pumps from 2 x 660mm to 2 x 508mm centrifugal pumps @ 65 ML/day.</p>	<p>2. Endorse: Y</p>	<p>2. Endorse: Y</p> <p>Support reduction in pump size but no evidence has been provided that pumps were in place in 2008</p>	<p>2. Endorse: Y</p> <p>@65ML/day each- total 130ML/day</p>	<p>2. Endorse: Y</p>

	from FPH10 pipe to OFS1.					
	<p>3. Requesting upgrade of 300mm pump at OFS 4 (FPH35) to a 400mm pump.</p> <p>Taken to committee meeting 2/3/21</p> <p>Committee's unanimous decision was that FPH35 is amended from 300mm pump to 400mm pump (45ML/day) [REDACTED]</p>	<p>Recommend:</p> <p>3. FPH35 – support the change pump from 300mm to 400mm at 45 ML/day.</p>	<p>3. Endorse: Y</p>	<p>3. Endorse: Y 2/3/21</p> <p>No evidence that pump was in place in 2008</p> <p>NRAR photo taken from a distance is inconclusive as to size during inspection.</p> <p>Age of pump indicates it was in place in 2008. NRAR supports its inclusion. Flow rate is within nominal NRAR rates.</p> <p>Storage in place since 1980's/1990's therefore the design works have not changed since then.</p> <p>Stat dec requested 17/2/21</p> <p>Stat dec received 25/2/21</p>	<p>3. Endorse: Y</p>	<p>3. Endorse: Y</p>

	<p>4. Requesting inclusion of 2x 508mm axial pumps at FPH 37.</p> <p>Taken to committee meeting 2/3/21</p> <p>Committee's unanimous decision was that 2 x 508mm pumps are included at FPH37 with flow rate of 130ML/day combined</p>	<p>Recommend:</p> <p>4. FPH37 – support inclusion of 2x 508mm axial pumps.</p>	<p>4. Endorse: Y</p>	<p>4. Endorse: Y 2/3/21</p> <p>No evidence that pumps were in place in 2008</p> <p>These pumps are part of internal tailwater system and have been in place since development occurred.</p> <p>Aerial evidence indicates these were in place since the mid 1990's to convey TWR / FPH to OFS1</p> <p>Stat dec requested 17/2/21</p> <p>Stat dec received 25/2/21</p>	<p>4. Endorse: Y</p>	<p>4. Endorse: Y</p>
	<p>5. Requesting addition of 1200mm pipe at FPH 29.</p>	<p>Recommend:</p> <p>5. FPH29 - support inclusion and change of pipe size from 1500mm to 1200mm as an eligible work.</p>	<p>5. Endorse: Y</p>	<p>5. Endorse: Y</p> <p>Support NRAR recommendation</p> <p>But no evidence of pipe being in place in 2008</p>	<p>5. Endorse: Y</p>	<p>5. Endorse: Y</p>
	<p>6. Requesting the inclusion of additional 660mm gated pipe located</p>	<p>Recommend:</p> <p>6. Support the inclusion of additional 660mm gated pipe located near FPH22 pipe.</p>	<p>6. Endorse: Y</p>	<p>6. Endorse: Y 2/3/21</p> <p>No evidence of pipe being in place in 2008</p>	<p>6. Endorse: Y</p>	<p>6. Endorse: Y</p>

	<p>near FPH22 pipe.</p> <p>Taken to committee meeting 2/3/21</p> <p>Committee's unanimous decision was that 660mm gated pipe be included near FPH22 [REDACTED]</p>			<p>LiDAR indicates external channel to that point. NRAR error in missing the pipe. Oversight during data collection.</p> <p>Stat dec requested 17/2/21</p> <p>Sat dec received 25/2/21</p>		
13	<p>M018 [REDACTED]</p> <p>1. Requesting increase in storage volume at OFS2 from 1950ML to 2515ML, an increase of 565ML.</p>	<p>Recommend:</p> <p>1. Increase in OFS2 storage is <u>not supported</u>, to remain at 1950ML.</p>	1. Endorse: Y	1. Endorse: Y Support NRAR recommendation	1. Endorse: Y NRAR N To land holder request- lack of substantial evidence	1. Endorse: Y
	<p>2. Requesting FPH3 change from 2 x 600mm pumps to 2 x 660mm and amendment of flow rate.</p>	<p>Recommend:</p> <p>2. FPH3- pump change <u>not supported</u>, to remain at 2x 600mm.</p>	2. Endorse: Y	2. Endorse: Y Support NRAR recommendation	2. Endorse: Y No to landholder request due to lack of substantial evidence to support his claim	2. Endorse: Y
14	<p>M017 [REDACTED]</p> <p>1a. Requesting an increase in OFS1 storage volume from 1200ML to 2198ML, an</p>	<p>Recommend:</p> <p>1a. OFS1 – support an increase from 1200ML to 2198ML, an increase of 998ML.</p>	1a. Endorse: Y	1a. Endorse: Y	1a. Endorse: Y	1a. Endorse: Y

<p>increase of 998ML.</p> <p>1b. Requesting an increase in OFS2 from 900ML to 1250ML, an increase of 350 ML.</p> <p>1c. Requesting an increase in OFS3 from 2830ML to 2842ML, an increase of 12 ML.</p> <p>1d. Requesting a decrease in OFS from 440ML to 385ML, a decrease of 55ML.</p> <p>1e. Requesting an increase in OFS5 from 3170ML to 3215ML, an increase of 45 ML.</p> <p>1f. Requesting an increase in OFS6 from 1860ML to 1876ML, an increase of 16 ML.</p>	<p>1b. OFS2 – support an increase from 900ML to 1250ML, an increase of 350 ML.</p> <p>1c. OFS3- support an increase in volume from 2830 ML to 2842 ML, an increase in 12 ML.</p> <p>1d. OFS4 - support a decrease in volume from 440 ML to 385 ML, a decrease in 55 ML.</p> <p>1e. OFS5 – support as increase in volume from 3170 ML to 3215 ML, an increase in 45 ML.</p> <p>1f. OFS6 – support an increase in volume from 1860 ML to 1876 ML, an increase in 16 ML.</p> <p>1g. OFS7 – support an Increase in volume from 1880</p>	<p>1b. Endorse: Y</p> <p>1c. Endorse: Y</p> <p>1d. Endorse: Y</p> <p>1e. Endorse: Y</p> <p>1f. Endorse: Y</p> <p>1g. Endorse: Y</p>	<p>1b. Endorse: Y</p> <p>1c. Endorse: Y</p> <p>1d. Endorse: Y</p> <p>1e. Endorse: Y</p> <p>1f. Endorse: Y</p> <p>1g. Endorse: Y</p>	<p>1b. Endorse: Y</p> <p>1c. Endorse: Y</p> <p>1d. Endorse: Y</p> <p>1e. Endorse: Y</p> <p>1f. Endorse: Y</p> <p>1g. Endorse: Y</p>	<p>1b. Endorse: Y</p> <p>1c. Endorse: Y</p> <p>1d. Endorse: Y</p> <p>1e. Endorse: Y</p> <p>1f. Endorse: Y</p> <p>1g. Endorse: Y</p>	<p>1b. Endorse: Y</p> <p>1c. Endorse: Y</p> <p>1d. Endorse: Y</p> <p>1e. Endorse: Y</p> <p>1f. Endorse: Y</p> <p>1g. Endorse: Y</p>
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	1g. Requesting an increase in OFS7 from 1880ML to 2088ML, an increase of 38 ML.	ML to 2088 ML, an increase in 38 ML.				
	2. Inclusion of regulator and channel which connects the [REDACTED] Field 40).	Recommend: 2. Support the inclusion of regulator and channel which connects the [REDACTED] (Field 40).	2. Endorse: Y	2. Endorse: No evidence of infrastructure being in place in 2008 Missed by NRAR during inspection. 2009 imagery shows channel and regulator in place in 2009. See image at end of document. Y 2/2/21	2. Endorse: Y	2. Endorse: Y
	3. Field 25 Blowout (1b) - inclusion of 900mm gated pipe.	Recommend: 3. Inclusion is <u>not supported</u> due to Unregulated creek connection.	3. Endorse: Y	3. Endorse: Y Support NRAR recommendation	3. Endorse: Y N To landholder request	3. Endorse: Y
	4. TWR Channel and Blowout gate on [REDACTED] Inclusion of a channel that connects interception Channel FPH 117 e(1c).	Recommend: 4. Supports inclusion of mapped 1200mm gated pipe.	4. Endorse: Y	4. Endorse: Unclear recommendation about inclusion of channel No evidence that infrastructure was in place in 2008 2009 imagery shows channel in place in 2009. See image at end of document.	4. Endorse: Y	4. Endorse: Y

				Y 2/2/21		
	5. Inclusion of channel across floodway and associated pipe that generally supplies water from [REDACTED] to [REDACTED]	Recommend: Support inclusions of the channel across floodway and associated pipe that generally supplies water from [REDACTED] to [REDACTED].	5. Endorse: Y	5. Endorse: No evidence that infrastructure was in place in 2008 Not mapped by NRAR as it was considered internal. Landholder wants it included to ensure compliance as it can intercept and convey FPH. See image at end of document – 2009 LiDAR showing in place in 2009. Y 2/2/21	5. Endorse: Y	5. Endorse: Y
	6. Inclusion of channel the between [REDACTED] and [REDACTED] block.	Recommend: Support inclusion of the channel between [REDACTED] and [REDACTED].	6. Endorse: Y	6. Endorse: No evidence that infrastructure was in place in 2008 Error on NRAR part during mapping or due to incorrect assigning of scheme work. See image at end of document – 2009 LiDAR showing in place in 2009. Y 2/2/21	6. Endorse: Y	6. Endorse: Y

	7. Inclusion of [REDACTED] Channel (1i).	Recommend: Support inclusion of 1x1500mm open pipe as eligible work.	7. Endorse: Y	7. Endorse: No evidence that infrastructure was in place in 2008 NRAR had originally mapped this channel as being part of the [REDACTED] See image at end of document – 2009 LiDAR showing in place in 2009. Y 2/2/21	7. Endorse: Y	7. Endorse: Y
15	M006 [REDACTED] 1. Requesting an increase in OFS3 storage from 160ML to 261ML, an increase of 101 ML.	Recommend: 1. OFS3 - support an increase in volume from 160 ML to 199 ML, an increase of 39ML.	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y to NRAR assessment-199ML	1. Endorse: Y
	2. Requesting amendment of FPH5 pipe from 900mm gated to 1050mm gated.	Recommend: 2. FPH5 - support amendment from a 900mm gated pipe to a 1050mm gated pipe.	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y
	3. Requesting addition of surge area temporary storage of 158 ML.	Recommend: 3. <u>Not Supported.</u> Currently a compliance issue.	3. Endorse: Y	3. Endorse: Y Support NRAR recommendation	3. Endorse: Y N To landholder request-compliance issues	3. Endorse: Y

		Not eligible as the surge occurs on an unregulated named watercourse, [REDACTED].				
	4. Requesting amendment to pump FPH 14 from 500mm centrifugal pump to a 660mm centrifugal pump with outflow of 120 ML/day.	Recommend: 4. FPH14 – Support amendment of pump from 500mm centrifugal to 660mm centrifugal a with flow rate to 120 ML/day.	4. Endorse: Y	4. Endorse: Y	4. Endorse: Y	4. Endorse: Y
16	<p>M098 [REDACTED]</p> <p>1. Requesting an increase in OFS5 storage from 150ML to 228ML, an increase of 78 ML.</p> <p>Taken to committee meeting 2/3/21</p> <p>Committee requested a legal stat dec be requested (signed by a JP). Requested 2/3/21 and received 2/3/21. Added to submission for review by committee [REDACTED]</p> <p>Supported - Endorsed by committee 17th March 2021 [REDACTED]</p>	Recommend: 1.OFS5 - support an increase storage from 150ML to 228ML, an increase of 78 ML.	1. Endorse: Y	1. Endorse: Y 17/3/21 Remarks or request for additional information from NRAR/DPIE-W Require more specific info re additional information. To be tabled at next meeting to explain harvestable rights and floodplain harvesting.	1. Endorse: Y	1. Endorse: Y

	2. Requesting an addition of a 500mm centrifugal flow pump at FPH5 with a flow rate of 65 ML/day.	Recommend: 2. FPH5 - support the addition of 500mm centrifugal pump with a capacity of 65 ML/day as eligible works.	2. Endorse: Y	2. Endorse: Y Remarks or request for additional information from NRAR/DPIE-W Y 2/2/21 [REDACTED]	2. Endorse: Y	2. Endorse: Y
	3. Addition of channel FPH17 eligible works.	Recommend: 3. FPH17 – support inclusion of channel as eligible works.	3. Endorse: Y	3. Endorse: Y or N	3. Endorse: Y	3. Endorse: Y
17	M070 [REDACTED] 1. Requesting a decrease in OFS2 (eastern) storage from 1500ML to 1123ML, a decrease of 377 ML.	Recommend: 1. OFS2 (eastern) - support decrease from 1500ML to 1123ML, a decrease of 377 ML.	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y
	2. Requesting a decrease in OFS1 (western) storage from 1200ML to 1152ML, a decrease of 48 ML.	Recommend: 2. OFS1 (western) - support a decrease from 1200ML to 1152ML, a decrease of 48 ML.	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y

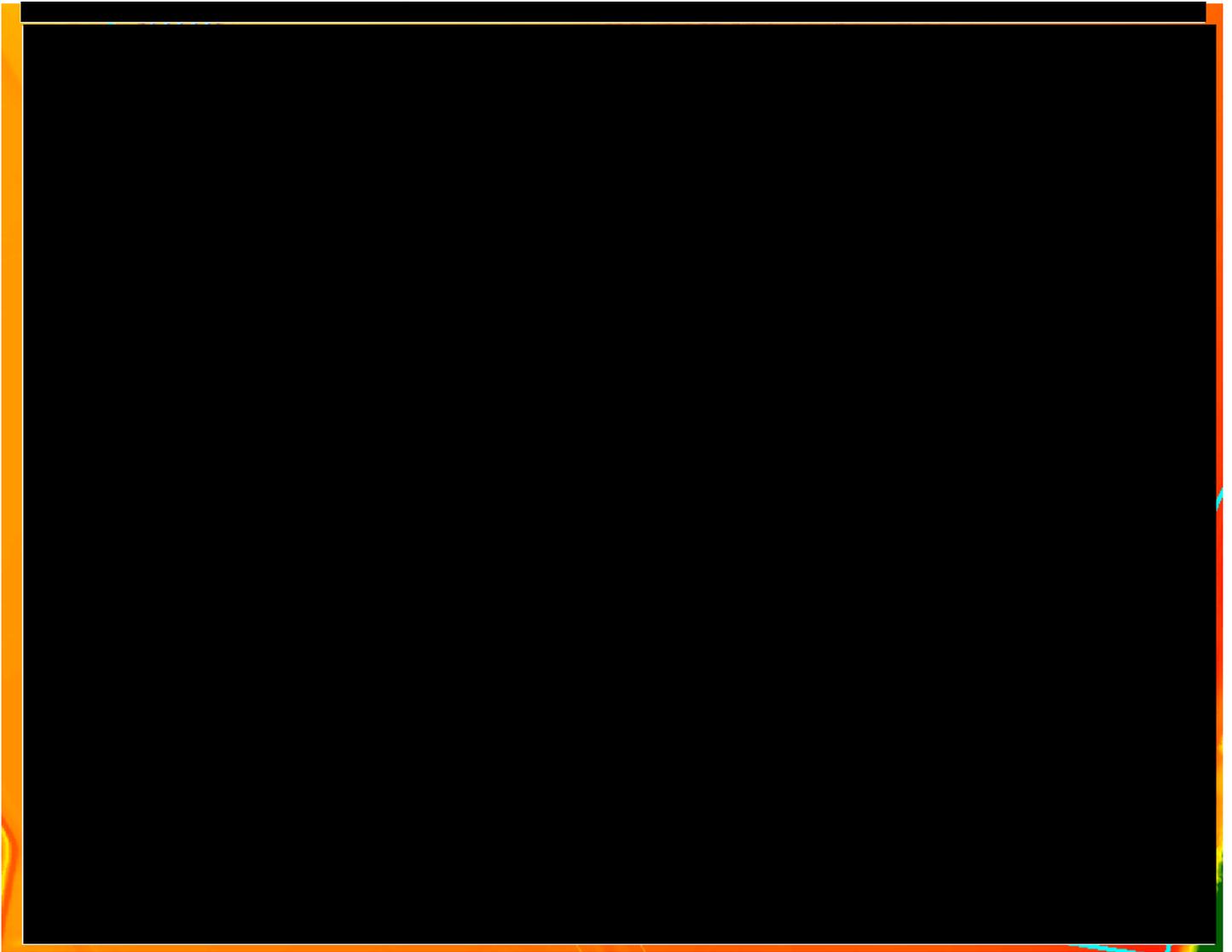
	3. Request to change OFS7, OFS 8 and OFS 13 from permanent to temporary storage.	Recommend: 3. Landholder advised of the delineation between temporary and permanent OFS. No further action required.	Not required	Not required	Not required	Not required
	4. Request to change FPH18 from 1 x 900mm gated pipe to 2x 750mm gated pipe. One pipe location is as per NRAR mapped location while the other is located further west effectively on [REDACTED]	Recommend: 4. FPH18 - support change from 1 x 900 mm to a 750mm gated pipe. NRAR does <u>not</u> support the inclusion of the pipe on [REDACTED]	4. Endorse: Y	4. Endorse: Y Support NRAR recommendation	4. Endorse: Y to NRAR assessment	4. Endorse: Y
	5. Request to change FPH19 pipes to 1 x 900mm open pipe and 1 x 1050mm open pipe.	Recommend: 5. FPH19 – support change to 1 x 900mm open pipe and 1 x 1050mm open pipe.	5. Endorse: Y	5. Endorse: Y	5. Endorse: Y	5. Endorse: Y
	6. Request to amend FPH 20 from 1 x 900mm gated pipe to 1 x 1200mm gated pipe.	Recommend: 6.FPH 20 – support change from 1 x 900mm gated pipe to 1 x 1200mm gated pipe.	6. Endorse: Y	6. Endorse: Y	6. Endorse: Y	6. Endorse: Y

	<p>7. Request to amend FPH 21 from 1 x 900mm gated pipe to 1 x 1200mm gated pipe.</p>	<p>Recommend: 7. FPH 21 – support change from 1 x 900mm gated pipe to 1 x 1200mm gated pipe. NRAR supports the pipe being retained as a 900mm gated pipe for eligible work and increase to 1200mm gated pipe for WSWA.</p>	<p>7. Endorse: Y</p>	<p>7. Endorse: Y 1200mm pipe not eligible 900 mm pipe at 2008 Yes, 900mm pipe for eligible works, 1200mm pipe for WSWA Y 2/2/21</p>	<p>7. Endorse: Y</p>	<p>7. Endorse: Y</p>
	<p>8. Request to move FPH 25 further north to nominated coordinates to better represent eligible FPH work</p>	<p>Recommend: 8. FPH 25 support moving to - [REDACTED].</p>	<p>8. Endorse: Y</p>	<p>8. Endorse: Y</p>	<p>8. Endorse: Y</p>	<p>8. Endorse: Y</p>
	<p>9. Request inclusion of 1200mm gated pipe that allows blowout water as well as overland flow, TWR, reticulated water back to OFS 1 & 2.</p>	<p>Recommend: 9. Support the addition of 1200mm pipe at - [REDACTED].</p>	<p>9. Endorse: Y</p>	<p>9. Endorse: Y No evidence that pipe was in place in 2008 Eastern storage constructed in 1993 with associated TWR. Changed to current location in 2003. See images at end of document showing channel and pipe in place in 2009 Y 2/2/21</p>	<p>9. Endorse: Y</p>	<p>9. Endorse: Y</p>

	10. Request inclusion of 1200mm gated pipe currently mapped as FPH 26.	Recommend: 10. Support inclusion of 1200mm gated pipe mapped as FPH 26.	10. Endorse: Y	10. Endorse: Y	10. Endorse: Y	10. Endorse: Y
	11. Request inclusion of additional 900mm gated pipe at [REDACTED]	Recommend: 11. Inclusion of 900mm gated pipe at [REDACTED] s supported.	11. Endorse: Y	11. Endorse: Y or N No evidence that pipe was in place in 2008 Not mapped by NRAR during inspection Location identifiable in Aerial Imagery and LiDAR See image at end of document – 2009 aerial image Y 2/2/21	11. Endorse: Y	11. Endorse: Y
	12. Request increase in pump capacity at FPH10 from 600mm centrifugal with a capacity of 99ML/day to 660mm centrifugal with a capacity of 120ML/day.	Recommend: 12.FPH10 – support amendment of pump from 600mm centrifugal with a capacity of 99ML/day to 660mm centrifugal with a capacity of 120ML/day.	12. Endorse: Y	12. Endorse: Y	12. Endorse: Y	11. Endorse: Y
18	M008 [REDACTED] 1. Requesting a decrease in OFS1 storage from 950ML to 720ML, a	Recommend: 1.OFS1 – support a decrease from 950ML to 720ML, a decrease of 720ML . 230ML	1. Endorse: Y	1. Endorse: Y	1. Endorse: Y support decrease of 230ML to 720ML	1. Endorse: Y

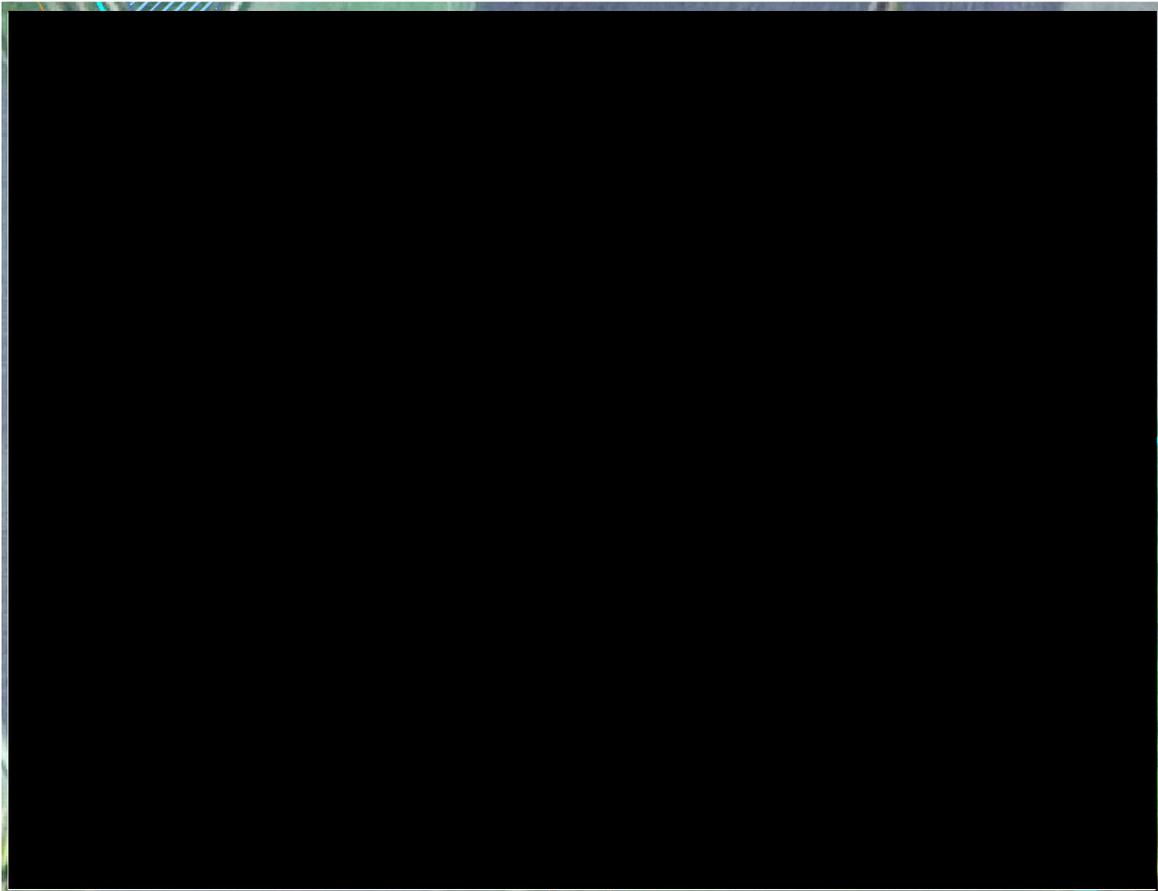
	decrease of 230ML.					
	2. Request amendment of pump FPH8 from 400mm with a capacity of 45ML/day to 600mm with a capacity of 100ML/day.	Recommend: 2. FPH8 -support amendment of pump from 400mm with a capacity of 45ML/day to 600mm with a capacity of 100ML/day.	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y
19	N152 XXXXXXXXXX 1a. Requesting an increase in OFS1 storage from 1770ML to 1878ML, an increase of 108ML. 1b. Requesting an increase in OFS2 storage from 540ML to 639ML, an increase of 99ML. 1c. Requesting an increase in OFS3 storage from 1570ML to 1808ML, an increase of 238ML.	Recommend: 1a. OFS1 – support an increase from 1770ML to 1878ML, an increase of 108ML. 1b. OFS2 – support an increase from 540ML to 639ML, an increase of 99ML. 1c. OFS3 - support increase from 1570ML to 1808ML, an increase of 238ML.	1a. Endorse: Y 1b. Endorse: Y 1c. Endorse: Y			
	2. Requesting increase pump FPH17 flow rate from 120 ML/day to 137 ML/day.	Recommend: FPH17 – support increase in flow rate from 120 ML/day to 137 ML/day.	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y	2. Endorse: Y

M090 2014 LiDAR and 2009 aerial imagery

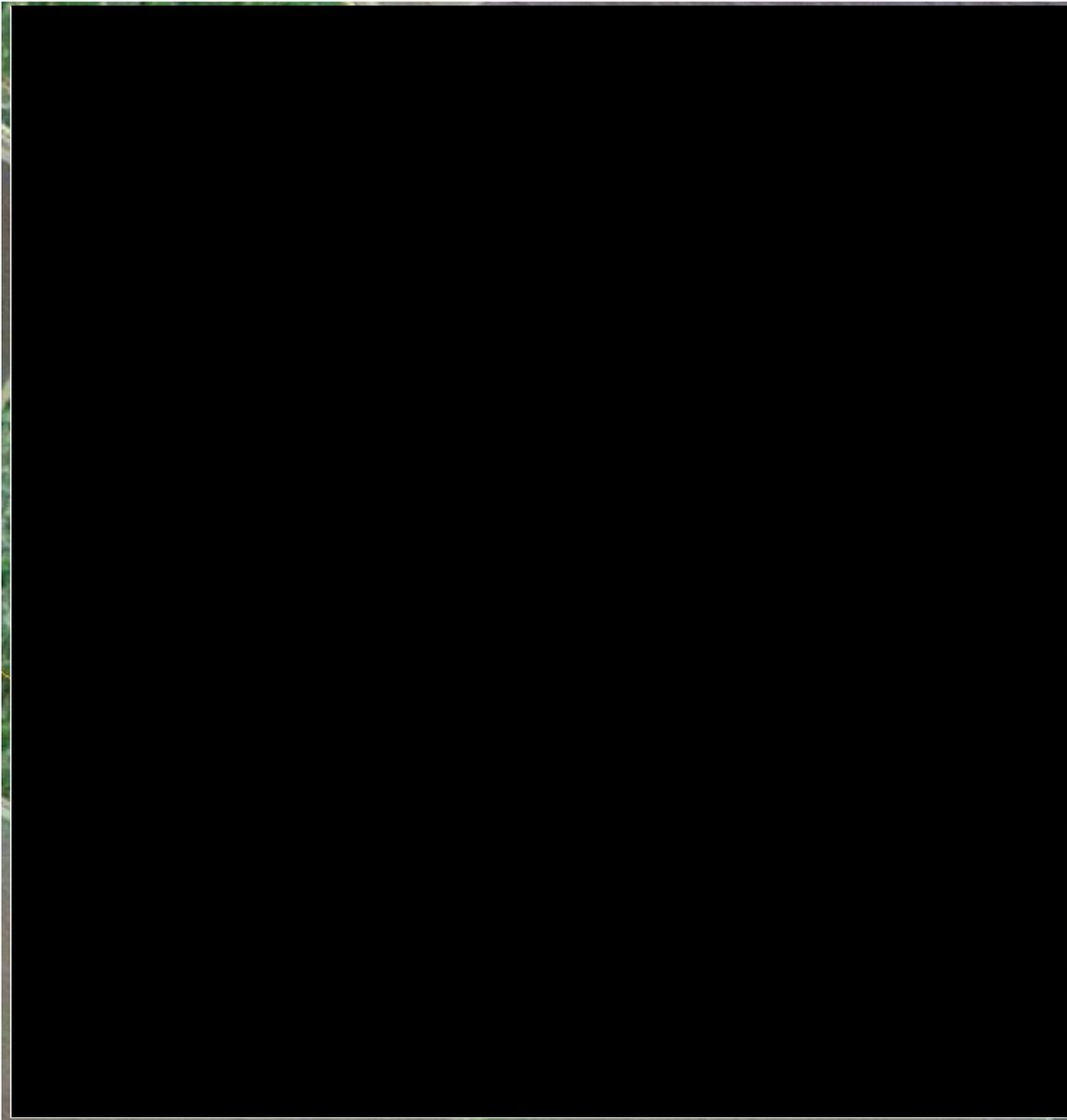


2009 Aerial Imagery





M017 [redacted] Issue 2



Issue 4



Issue 5



Issue 6



Issue 7



M070

Issue 9



Issue 9 – 2003 Image



Issue 11 – Additional pipe at [REDACTED]

