

s22

**From:** Philip Coates <philip.coates@dpie.nsw.gov.au>  
**Sent:** Thursday, 25 June 2020 10:30 AM  
**To:** s22  
**Cc:** DARROUGH Mark; s22  
**Subject:** RE: NSW Draft Schedules [SEC=OFFICIAL]  
**Attachments:** DRAFT NWIDF Capital Schedule E - Wyangala and Dungowan 2406 Rev2.docx

Hi s22

Attached is a slightly altered Wyangala /s22 schedule with a couple extra milestones for your consideration also.

Cheers, Phil.

**From:** s22 @infrastructure.gov.au  
**Sent:** Thursday, 25 June 2020 7:27 AM  
**To:** Philip Coates <philip.coates@dpie.nsw.gov.au>  
**Cc:** DARROUGH Mark <Mark.Darrough@infrastructure.gov.au>; s22  
**Subject:** Re: NSW Draft Schedules [SEC=OFFICIAL]

OFFICIAL

Excellent, thanks Phil

s22

OFFICIAL

**From:** "Philip Coates" <philip.coates@dpie.nsw.gov.au>  
**Date:** Wednesday, 24 June 2020 at 8:15:17 pm  
**To:** "s22" @infrastructure.gov.au  
**Cc:** "DARROUGH Mark" <Mark.Darrough@infrastructure.gov.au>; s22  
**Subject:** RE: NSW Draft Schedules [SEC=OFFICIAL]

Apologies – s22 :tached.

Hoping for project plans by end of next week but I'll try get a firm date from WaterNSW and revert.

Cheers, Phil.

**From:** s22 @infrastructure.gov.au  
**Sent:** Wednesday, 24 June 2020 7:14 PM  
**To:** Philip Coates <philip.coates@dpie.nsw.gov.au>  
**Cc:** DARROUGH Mark <Mark.Darrough@infrastructure.gov.au>; s22  
**Subject:** Re: NSW Draft Schedules [SEC=OFFICIAL]

OFFICIAL

Hi Phil

Many thanks for this. Can I just check if you meant to also send the feasibility schedule s22 It doesn't appear to have attached.

My team will review the drafts and we'll get back to you as soon as possible. Any word from WaterNSW on timing for sending the supporting project plans/info?

Thanks also for the advice re the NPA and the loan discussions. Keen to resolve all of the above as soon as we can.

Talk soon

s22

OFFICIAL

**From:** "Philip Coates" <[philip.coates@dpie.nsw.gov.au](mailto:philip.coates@dpie.nsw.gov.au)>  
**Date:** Wednesday, 24 June 2020 at 6:15:54 pm  
**To:** "s22" <[s22@infrastructure.gov.au](mailto:s22@infrastructure.gov.au)>  
**Cc:** "DARROUGH Mark" <[Mark.Darrough@infrastructure.gov.au](mailto:Mark.Darrough@infrastructure.gov.au)>, "s22" <[s22@infrastructure.gov.au](mailto:s22@infrastructure.gov.au)>

s22

**Subject:** RE: NSW Draft Schedules [SEC=OFFICIAL]

Hi s22

Apologies it's taken a week to get back to you, but please see attached a first draft for the two schedules for your review.

Re. signing the NPA. I've looked up the correspondence and it appears it has not been signed, so we'll have to do that alongside the bilateral schedules.

I'll try to tee up a meeting to recommence discussions on the loan next month and keep you involved as suggested.

Cheers, Phil.

**From:** s22 <[s22@infrastructure.gov.au](mailto:s22@infrastructure.gov.au)>  
**Sent:** Wednesday, 17 June 2020 2:24 PM  
**To:** Philip Coates <[philip.coates@dpie.nsw.gov.au](mailto:philip.coates@dpie.nsw.gov.au)>  
**Cc:** DARROUGH Mark <[Mark.Darrough@infrastructure.gov.au](mailto:Mark.Darrough@infrastructure.gov.au)>, s22 <[s22@infrastructure.gov.au](mailto:s22@infrastructure.gov.au)>

s22

**Subject:** NSW Draft Schedules [SEC=OFFICIAL]

**Importance:** High

OFFICIAL

Hi Phil

Thanks for organising the meeting this morning with WaterNSW. It was a good opportunity to touch base with them and to hear Alex's update on the status of the project planning.

To progress things, I have attached a draft of the bilateral schedule for the capital projects and a separate one for s22 business Case. Could you please arrange to complete the milestones, due dates and associated payments in Table 1. I have included a couple of milestones in the capital schedule, based on publicly available information. However, please feel free to edit these as necessary. You will also need to provide the NSW Government funding profile in Table 2 - Balance of non-NWIDF contributions. I expect there will be a couple of iterations of these schedules before we land the finals, but keen to get something started now.

While we will require all supporting documentation before we can sign off on the bilateral schedules (project plans with detail on scope, project schedule, budget, stakeholders, governance arrangements, communication plans, high level design plans and risk management plans), at this point all we need is the high level planning documentation on which you have based the milestones. As the projects progress we understand that some milestones may shift. We can vary the bilateral schedules as necessary throughout the life of the projects to reflect revised scheduling.

With regard to the National Partnership Agreement (Feasibility Component), the Deputy Prime Minister wrote to Minister Pavey on 2 April 2019 seeking her signature to the NPA (attached). However, we have no record of having received a signed copy. Could you please check at your end to see if it was signed and provide a copy to me. If it hasn't been signed, we will ensure that the DPM includes a copy for signature at the time he provides the bilateral schedules for signature.

I have attached a copy of the draft template we will use for the monthly teleconferences when we get to that point. These teleconferences provide an informal opportunity to understand how the projects are progressing, any media opportunities that may be upcoming and to identify any project risks or sensitivities. We do not have a template for the more formal six-monthly milestone reporting as we do not want to place additional reporting requirements on WaterNSW. However, we do expect that reports provided are able to demonstrate that Australian Government funding has been matched and milestones have been met in accordance with the bilateral schedule. With these reports we will also require a letter from the NSW Government (official to official) confirming that you have accepted the milestone report.

With regard to the loan funding, we would appreciate that you keep the NWGA involved in any conversations with the RIC and that you keep us updated on the NSW Government's deliberations on whether to take up the loan offer. We are working from this end to see whether we are able to implement any legislative changes that may assist with the decision making process. While I acknowledge that we won't have a decision on the loan funding in the immediate future, as soon as a decision is taken it will be important to finalise the contracting arrangements between RIC and the NSW Government and advise the NWGA, so that we are able to report on all Commonwealth funding towards the projects.

If you have any questions in relation to the above, please do not hesitate to give me a call. I'm on leave the rest of this week, but you can get Mark on 6274 6019 or s22

Cheers

s22

Director | Water Infrastructure Program  
National Water Grid Authority  
Department of Infrastructure, Transport, Regional Development  
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GPO Box 594, Canberra ACT 2601

s22

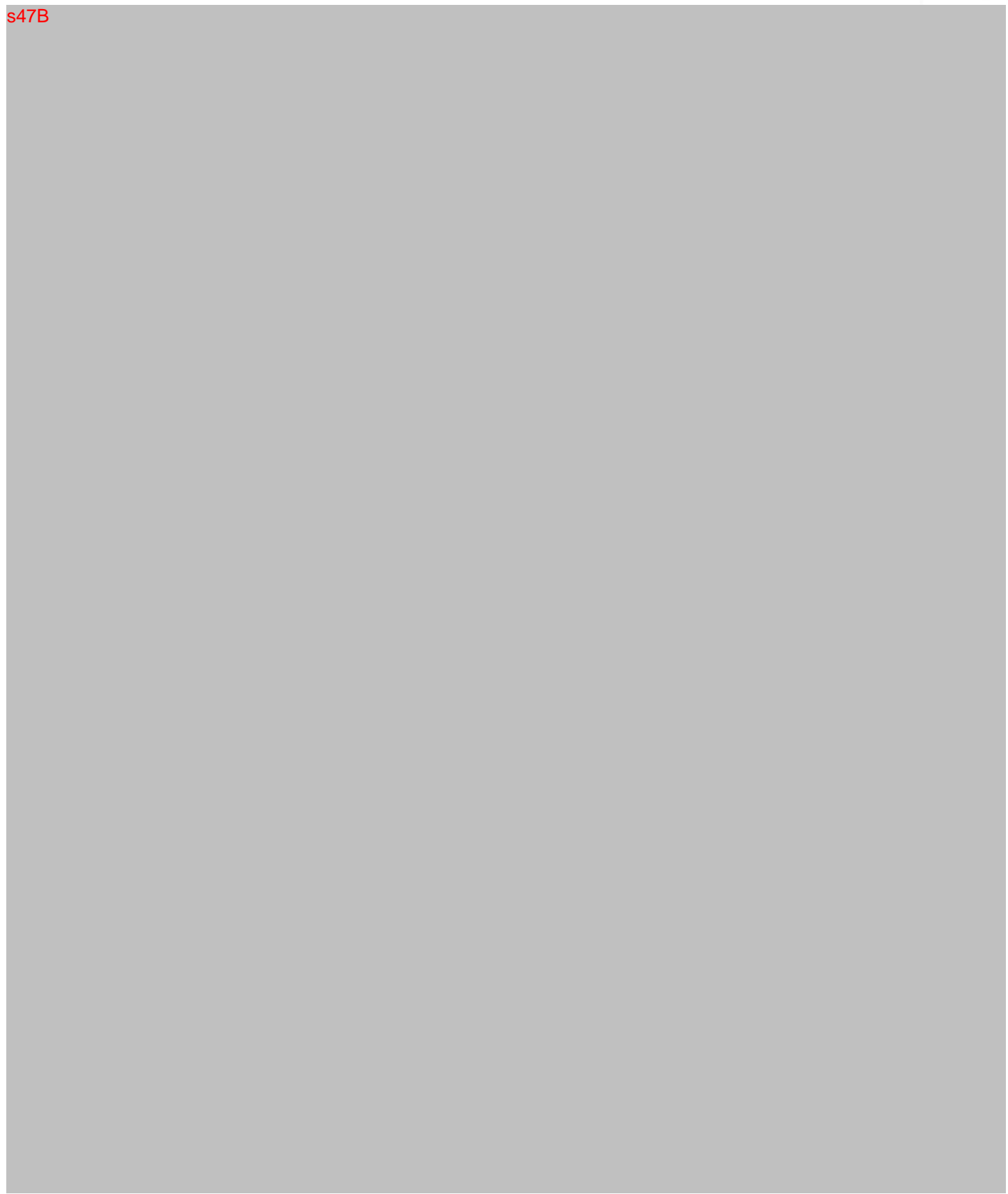
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DRAFT



**From:** Philip Coates  
**To:** s22  
**Cc:** DARROUGH Mark; s22  
**Subject:** RE: NSW Draft Schedules [SEC=OFFICIAL]  
**Date:** Wednesday, 24 June 2020 6:15:55 PM  
**Attachments:** [image001.png](#)  
[DRAFT NWIDF Capital Schedule E - Wyangala and s22 406.docx](#)

Hi s22

Apologies it's taken a week to get back to you, but please see attached a first draft for the two schedules for your review.

Re. signing the NPA. I've looked up the correspondence and it appears it has not been signed, so we'll have to do that alongside the bilateral schedules.

I'll try to tee up a meeting to recommence discussions on the loan next month and keep you involved as suggested.

Cheers, Phil.

**From:** s22 @infrastructure.gov.au>

**Sent:** Wednesday, 17 June 2020 2:24 PM

**To:** Philip Coates <philip.coates@dpie.nsw.gov.au>

**Cc:** DARROUGH Mark <Mark.Darrough@infrastructure.gov.au> s22  
s22

**Subject:** NSW Draft Schedules [SEC=OFFICIAL]

**Importance:** High

**OFFICIAL**

Hi Phil

Thanks for organising the meeting this morning with WaterNSW. It was a good opportunity to touch base with them and to hear Alex's update on the status of the project planning.

To progress things, I have attached a draft of the bilateral schedule for the capital projects and a separate one for the s22 Dam Business Case. Could you please arrange to complete the milestones, due dates and associated payments in Table 1. I have included a couple of milestones in the capital schedule, based on publicly available information. However, please feel free to edit these as necessary. You will also need to provide the NSW Government funding profile in Table 2 - Balance of non-NWIDF contributions. I expect there will be a couple of iterations of these schedules before we land the finals, but keen to get something started now.

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If you have any questions in relation to the above, please do not hesitate to give me a call. I'm on leave the rest of this week, but you can get Mark on 6274 6019 or s47F

Cheers

s22

Director | Water Infrastructure Program  
National Water Grid Authority  
Department of Infrastructure, Transport, Regional  
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s22

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**From:** s22  
**To:** Philip Coates  
**Cc:** s22  
**Subject:** FW: DPM reply to Minister Pavey [SEC=OFFICIAL]  
**Date:** Monday, 25 May 2020 12:47:20 PM  
**Attachments:** image001.png Attachment exempt - 47B  
 DRAFT NWIDF Feasibility Schedule E - NSW.docx

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OFFICIAL

Hi Phil

I hope you're well. I'm back at work this week after a couple of months away from the water space (as is s22). I wanted to touch base with you about the draft schedules for the three NSW projects – I see that the version you were sent had all three projects under a feasibility schedule. With apologies for any confusion, there should actually be two separate schedules - s22 under the feasibility component schedule, and Wyangala s22 under the capital component schedule (with the business case development costs encapsulated as part of the overall capital commitment).

Would be good to talk through where the projects are at from your end as well as what other information we may need to progress the appropriate schedules. If you have some time to catch up via teleconference tomorrow before 4pm or Wednesday after 1pm that would be great.

Cheers

s22

Director | Water Infrastructure Program  
 National Water Grid Authority  
 Department of Infrastructure, Transport, Regional  
 Development and Communications  
 GPO Box 594, Canberra ACT 2601

s22

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vision\_image



OFFICIAL

**From:** Philip Coates <[philip.coates@dpic.nsw.gov.au](mailto:philip.coates@dpic.nsw.gov.au)>  
**Sent:** Friday, 8 May 2020 1:19 PM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: DPM reply to Minister Pavey [SEC=OFFICIAL]

Hi s22

Thanks for sending this through; I'll track changes in with our suggestions and revert next week.

In addition to this we'd also like to prepare a schedule under the Capital Component agreement for early works for the s22 Wyangala project; noting that per previous correspondence this work is being fast-tracked in parallel with the development of the business cases and planning approvals. We'll prepare something on that for your review also.

A couple of other questions for you:

s47B

Thanks, Phil.

**Phil Coates**

**Director, Priority Infrastructure Program**

Water Group | Department of Planning, Industry & Environment

s22 | [philip.coates@dpie.nsw.gov.au](mailto:philip.coates@dpie.nsw.gov.au) | [www.dpie.nsw.gov.au](http://www.dpie.nsw.gov.au)

**From:** s22 <[s22@infrastructure.gov.au](mailto:s22@infrastructure.gov.au)>

**Sent:** Thursday, 7 May 2020 9:54 AM

**To:** Philip Coates <[philip.coates@dpie.nsw.gov.au](mailto:philip.coates@dpie.nsw.gov.au)>

s22

**Subject:** FW: DPM reply to Minister Pavey [SEC=OFFICIAL]

OFFICIAL

Good morning Phil,

Please find attached draft NSW Bilateral Schedule, which my colleague s22 has developed.

We think it provides a solid foundation to commence discussions with you as we progress towards a final document. With this in mind, we'd be grateful if you could review the document and make suggested changes in track.

s22 is managing the NSW projects while s22 is on temporary redeployment and will be able to address any questions you have concerning the Bilateral Schedule process.

Regards

s22

s22

ant Director

ial Water Grid Authority | Water Infrastructure Program

tment of Infrastructure, Transport, Regional Development and

unications

s22

Box 594, Canberra ACT 2601

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**From:** Philip Coates <[philip.coates@dpie.nsw.gov.au](mailto:philip.coates@dpie.nsw.gov.au)>  
**Sent:** Monday, 6 April 2020 5:32 PM  
**To:** s22  
**Subject:** RE: DPM reply to Minister Pavey [SEC=OFFICIAL]

Hi s22

Getting in touch to confirm next steps – do you have a template or standard information request you'd seek from NSW to progress the details of the NP schedule for agreement?

Thanks, Phil.

**From:** s22 <[s22@infrastructure.gov.au](mailto:s22@infrastructure.gov.au)>  
**Sent:** Monday, 30 March 2020 1:51 PM  
**To:** Philip Coates <[philip.coates@dpie.nsw.gov.au](mailto:philip.coates@dpie.nsw.gov.au)>  
s22; DARROUGH Mark  
<[Mark.Darrough@infrastructure.gov.au](mailto:Mark.Darrough@infrastructure.gov.au)>; WALL Ruth <[Ruth.Wall@infrastructure.gov.au](mailto:Ruth.Wall@infrastructure.gov.au)>; s22  
s22  
**Subject:** DPM reply to Minister Pavey [SEC=OFFICIAL]

OFFICIAL

Hi Phil

s47B

s22

Any queries please just call.

Cheers

s22

Director | Water Infrastructure Program  
National Water Grid Authority  
Department of Infrastructure, Transport, Regional  
Development and Communications  
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If you have received this e-mail in error, please notify the Department on (02) 6274-7111 and delete all copies of this transmission together with any attachments.

**From:** s22  
**To:**  
**Subject:** Food for thought on NSW projects [SEC=OFFICIAL]  
**Date:** Thursday, 19 March 2020 3:09:53 PM

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OFFICIAL

Hiya

Just putting some of my initial thinking on what options we might be able to brief the DPM on for NSW once he's considered the current brief and letter. Just a brain dump for now so I don't lose track of them as they pop into my head!

The government could:

s47C



Anything else you can think of, or any of these you don't think would be workable?

s22

OFFICIAL

From: s22  
To: WALL Ruth; DARROUGH Mark; s22  
Subject: FW: NSW dams [SEC=OFFICIAL]  
Date: Friday, 6 March 2020 4:00:39 PM  
Importance: High

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OFFICIAL

OFFICIAL

**From:** Philip Coates <philip.coates@dpie.nsw.gov.au>  
**Sent:** Friday, 6 March 2020 3:54 PM  
**To:** s22 @infrastructure.gov.au>  
**Subject:** NSW dams

Hi s22

Thought I'd get in touch to update you on where we are at on a couple fronts.

- s47B

- WaterNSW have developed draft project plans for the first stages of the three projects. These are based on an accelerated delivery timetable to have meaningful early works for the Wyangala s22 commencing late 2020, and have all three projects commence main construction by late 2021. s47B

s47B

s47B

s47B

The above are subject to government decisions, but on confirmation we should be ready to proceed with formalising arrangements in a few weeks.

I will also revert next week with comments on the framework discussion paper circulated by Mark.

Cheers, Phil.

**Phil Coates**

**Director, Priority Infrastructure Program**

Water Group | Department of Planning, Industry & Environment

s47F | [philip.coates@dpie.nsw.gov.au](mailto:philip.coates@dpie.nsw.gov.au) | [www.dpie.nsw.gov.au](http://www.dpie.nsw.gov.au)



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MS20-000253



Australian Government

Department of Infrastructure, Transport,  
Regional Development and Communications**To: The Hon Michael McCormack MP (for decision)****cc: Mr Simon Atkinson, Secretary****cc: Mr Brendan McRandle PSM, Deputy Secretary****National Water Infrastructure Development Fund - NSW projects****Action required by: 23 March 2020****Reason:** To enable negotiations to progress in a timely manner**Recommendations:**

1. That you note the letters at **Attachment A** and **Attachment B** from the Hon Melinda Pavey MP, NSW Minister for Water, Property and Housing, s47B

s47B

**Noted / Please Discuss**

2. That you sign the letter at **Attachment C** to Minister Pavey, advising that you will consider her proposal, but that further work is required before an Australian Government decision s47B

**Signed / Not Signed**

24/3/2020

**The Hon Michael McCormack MP****Date:****Comments:****Key Points:**

s47B

<sup>1</sup> The content of the two letters is largely the same. The National Water Grid Authority understands from NSW Government officials that it was only intended for one version of the letter to be sent, but unintentionally both versions were signed and sent by Minister Pavey.

OFFICIAL

s47B

2. The original Australian Government commitments to the s22 and Wyangala dam projects were on the basis of meeting 50 per cent of the upfront capital costs through a mixture of grant funding (\$284 million) and concessional loan funding (\$284 million).
- a. This effectively translates into a 25:75 Commonwealth-NSW funding split (once NSW has repaid the loan).

s47B

s22

**Next Steps:**

s47B

7. We are also continuing to work directly with NSW officials to better understand these matters so all three projects can be contracted through a bilateral schedule to the National Partnership Agreement as soon as possible. We will brief you separately on potential options for the way forward, once additional information has been provided by NSW officials.

**Stakeholder Implications:**

8. With public statements having been made by the NSW Government about the early commencement of construction and completion of the capital projects, a need may arise to actively manage stakeholder expectations. The NWGA will continue to work closely with NSW officials in this regard.

s34

- a. Public statements since that time have been in the vein that the Australian Government is partnering 50:50 with the NSW Government on these projects. However, it has also publicly been made clear on a number of occasions (including through Senate Estimates) that this included 50 per cent loan funding (which in effect would mean a 25 per cent Australian Government contribution once the loan was repaid).

Name: Mark Darrough  
Position: General Manager  
Division: National Water Grid Authority  
Ph: 02 6274 6019

s22

Date: 19 March 2020

Contact Officer: s22  
Section: Water Infrastructure Program

s22

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s47B





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GPO Box 5341 Sydney NSW 2001

■ P: (02) 8574 7300 ■ F: (02) 9339 5570 ■ [www.nsw.gov.au/ministerpavey](http://www.nsw.gov.au/ministerpavey)

s47B



s22 and part s47B







s42









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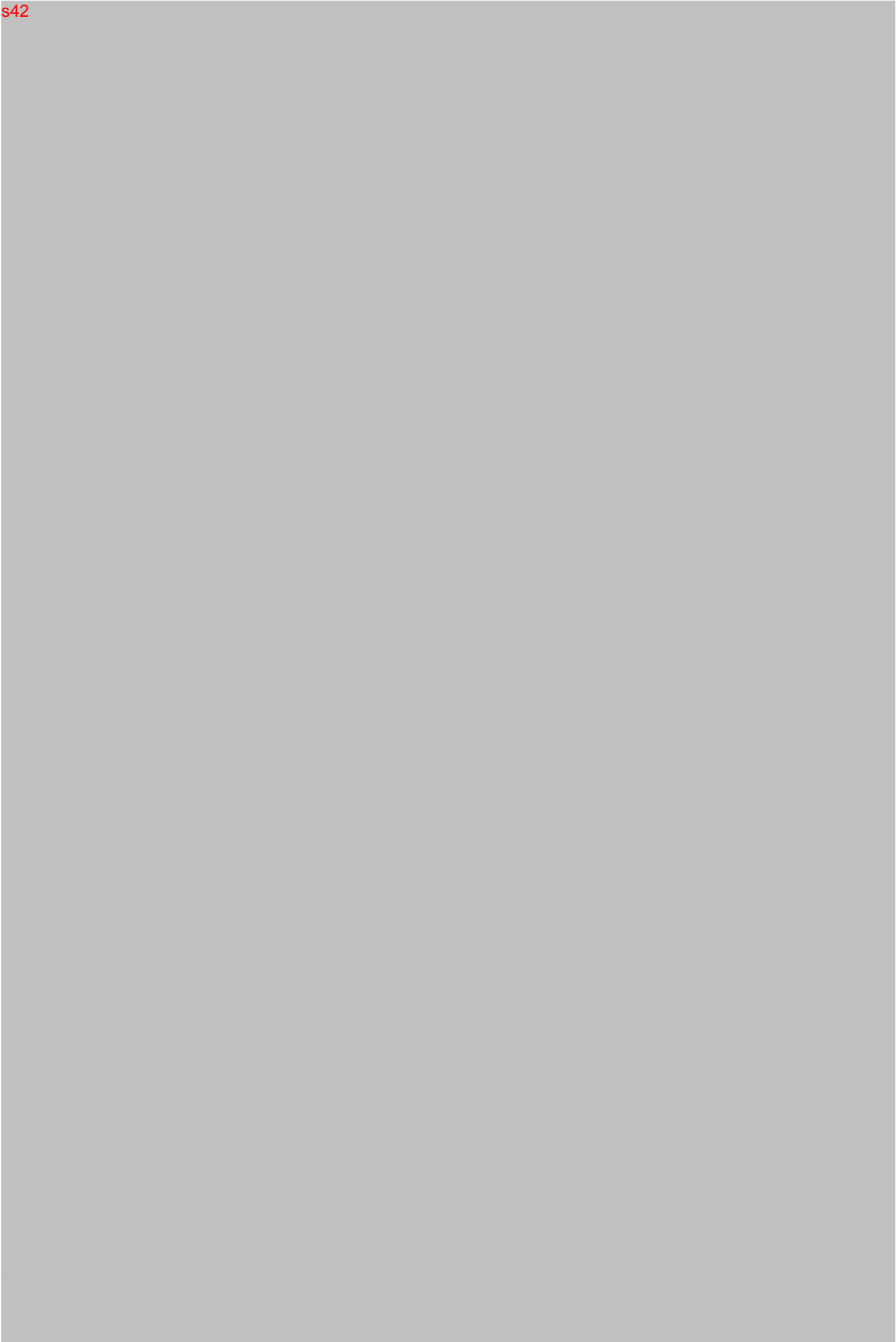


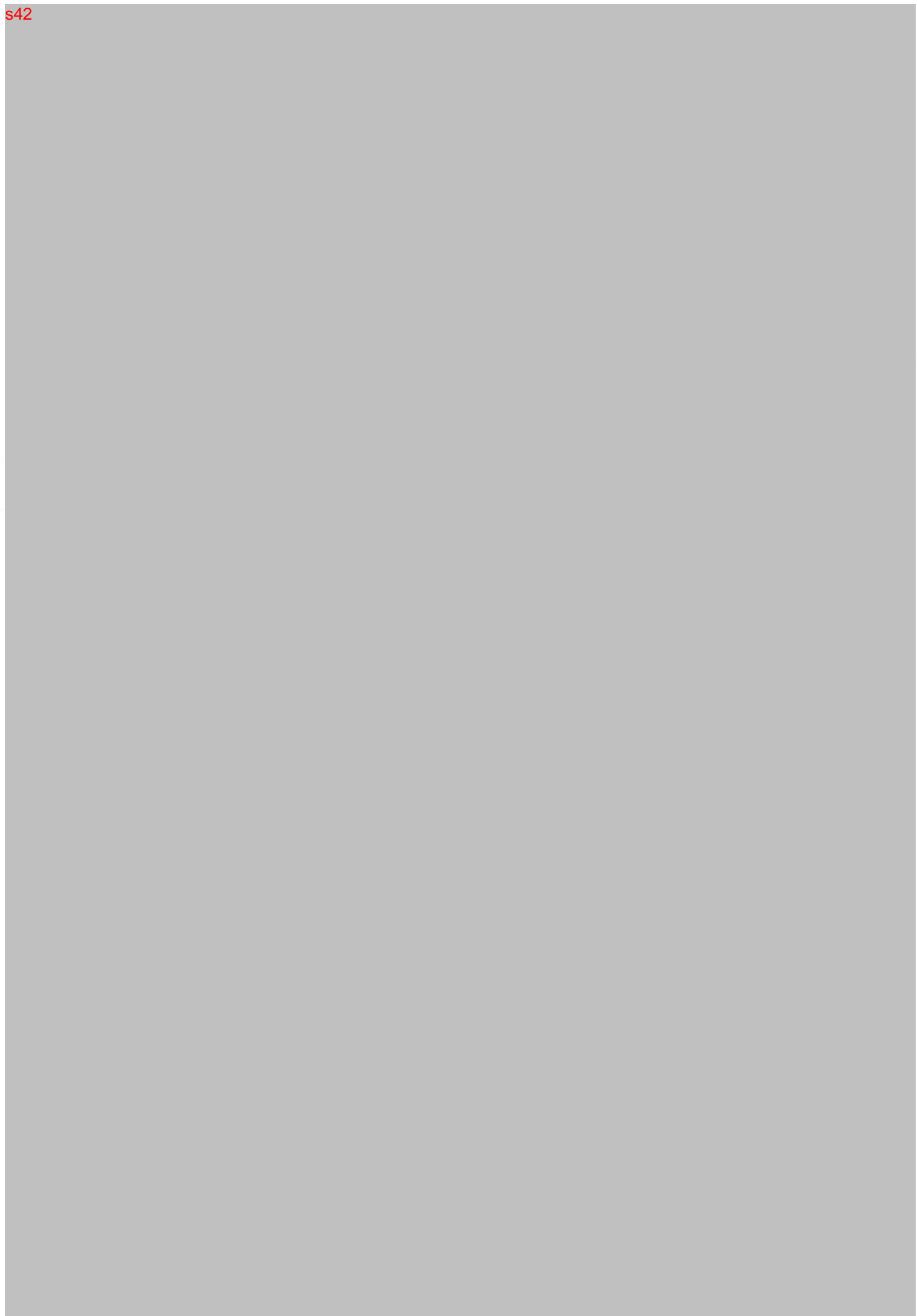






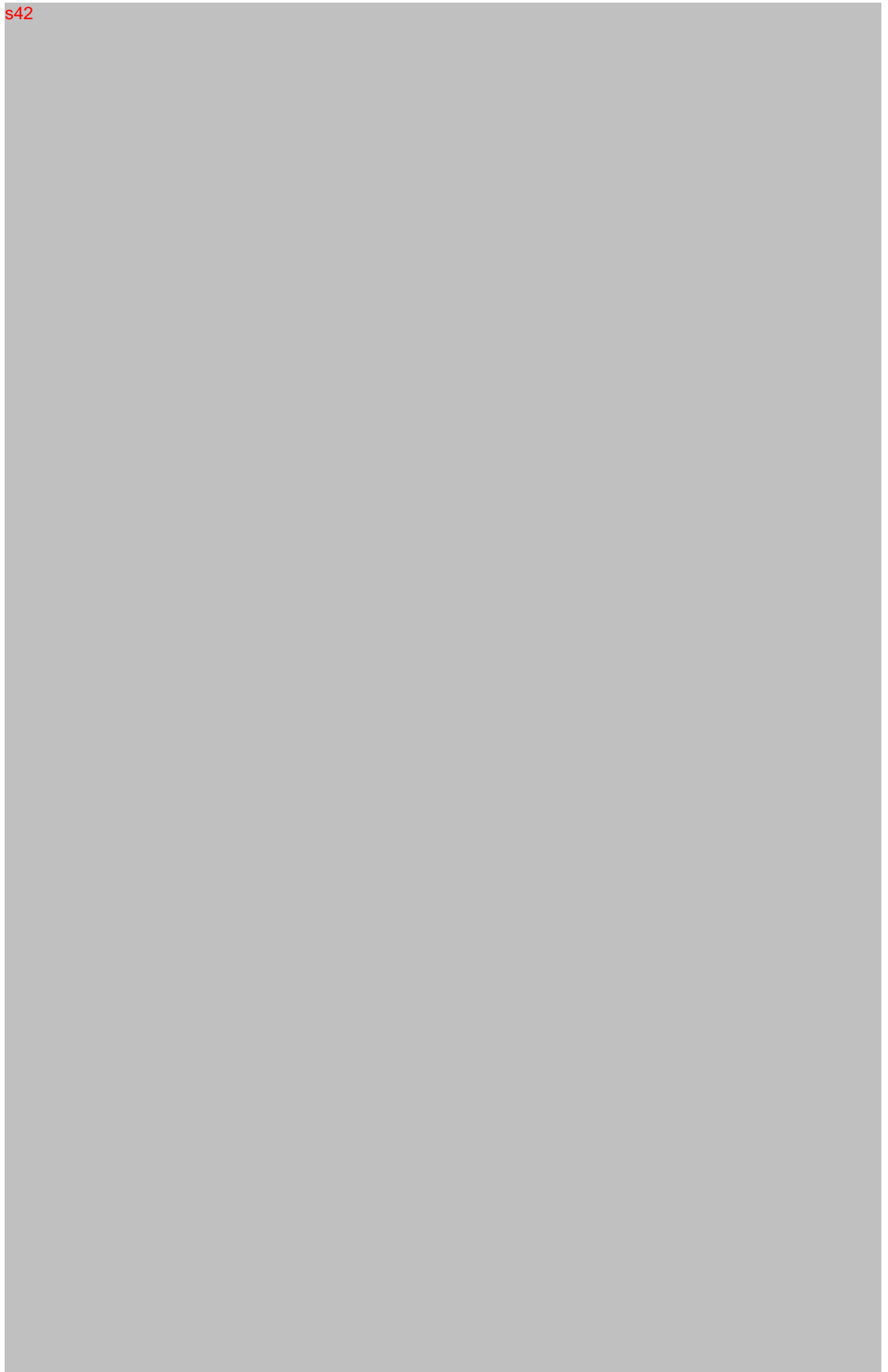




















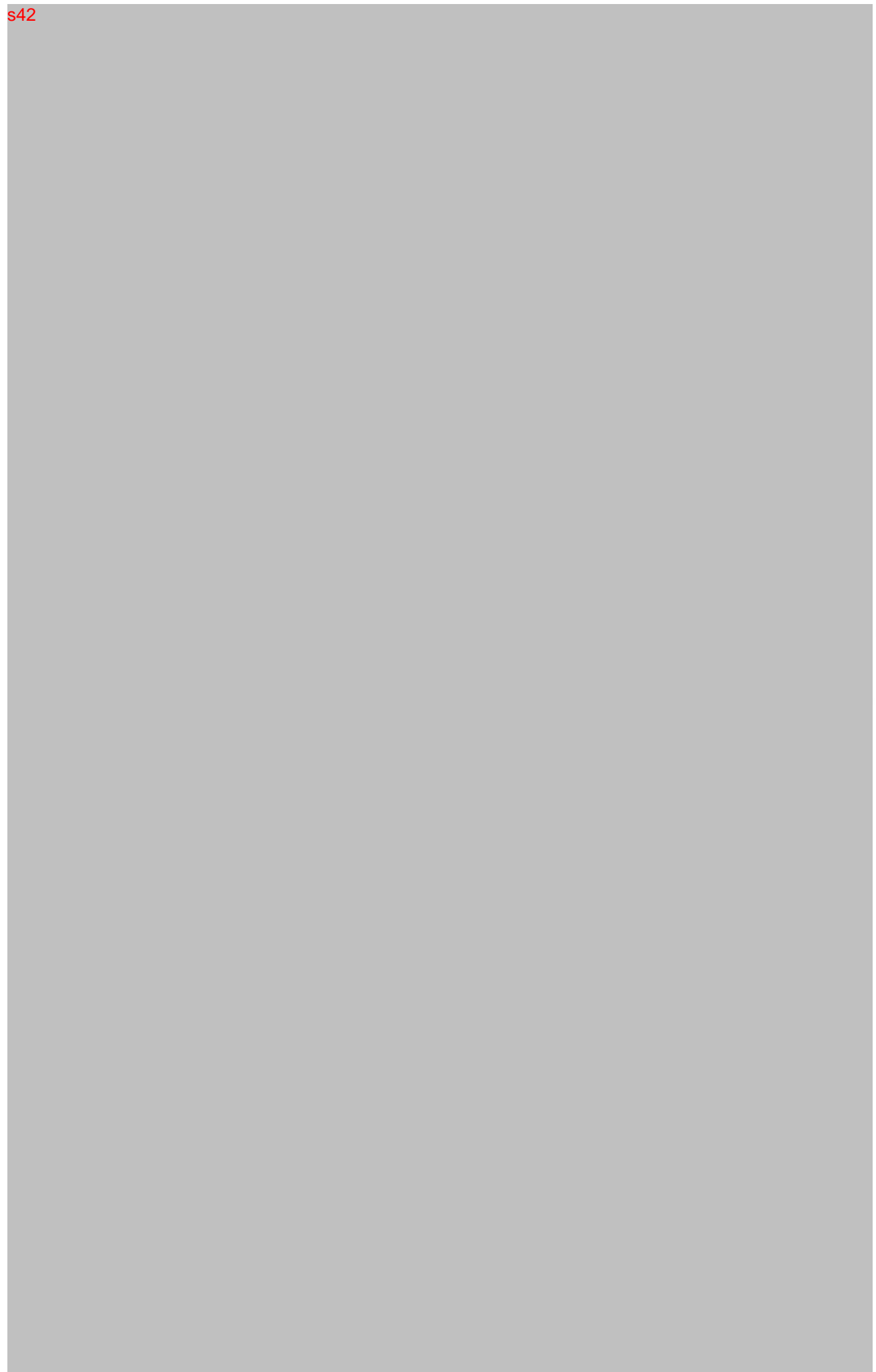


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s42



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**From:**

s22

**Sent:**

Thursday, 9 January 2020 2:00 PM

**To:**

s22

**Subject:**FW: FW: Agenda - Priority Dam Projects - Commonwealth & NSW Meeting -  
Wednesday 18 December 2019 - 9am-9.45am [SEC=OFFICIAL]**OFFICIAL**

FYI. This is what I referred to earlier this morning. Apologies for not getting it to you sooner.

s22

Policy Officer

National Water Grid Authority

Department of Infrastructure,

Transport, Cities and Regional

Development

GPO Box 594, Canberra ACT 2601

s22



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**OFFICIAL****From:** Philip Coates <philip.coates@industry.nsw.gov.au>**Sent:** Wednesday, 8 January 2020 5:27 PM**To:** s22

s22

**Subject:** Re: FW: Agenda - Priority Dam Projects - Commonwealth & NSW Meeting - Wednesday 18 December 2019 - 9am-9.45am

Hello all,

I'll be picking up these issues for NSW and would like to follow up to confirm a few items from our meeting on December 18.

**Grant vs Loan administration and agreement**

Given different entities administering and Ministers responsible, what is the proposed approach for agreeing the grant and loan component - is it envisaged there would be a single agreement, or are we required to enter into an agreement on the grant (as a schedule to the national partnership) and a separate agreement with the Regional Investment Corporation (RIC) covering the loan? If the latter are there separate contacts at RIC that NSW needs to be engaging with?

As discussed at the meeting there is an appetite from NSW Treasury to revisit the agreement on the loan given the cost of finance on offer vs what they can provide themselves. Should the State wish to make representations along those lines, who would be the appropriate Commonwealth Minister to contact to seek to;

- a) change the weighting of Commonwealth contribution between grant and loan (e.g. change to a 60:40 funding split, with the C'wealth 40% provided by way of grant only), or
- b) alter the terms of the loan from those set out under the RIC operating licence?

I understand from the conversation that any change along the lines of (a) above would require C'wealth ERC's approval. For a change to the terms of the loan per (b) above, could that be determined at the discretion of the Responsible Ministers via s12(3) of the RIC act; or would that also need ERC approval?

### Matching funding under the National Partnership (NP)

At the meeting it was confirmed that payments under the partnership would be based on delivery milestones, agnostic of which State Government entity incurred the costs. Is it right then to take that the requirements set out in the NP for the State to have committed at least matching funds, refers to the State incurring the expenditure to deliver those milestones? I ask as there is a scenario where a State Owned Corporation would deliver the works and incur the requisite expenditure, but how the SOC is 'funded' for those works by Treasury might be cashflowed differently.

I note that the bilateral schedules to the NP entered into by other States refer to lump sum amounts, rather than a % of total cost. Will this be the same approach for these projects? i.e. C'wealth makes capped financial contributions based on delivery of milestones (which are set at 25% of estimated costs at the outset); so long as the State expenditure is at least equal to the C'wealth contribution.

Thanks for your assistance,

Phil.

**Phil Coates**

**Director, Priority Infrastructure Program**

Water Group | Department of Planning, Industry & Environment

s47F | [philip.coates@industry.nsw.gov.au](mailto:philip.coates@industry.nsw.gov.au) | [www.dpie.nsw.gov.au](http://www.dpie.nsw.gov.au)

**From:** [carmel.romano@dpi.nsw.gov.au](mailto:carmel.romano@dpi.nsw.gov.au) <[carmel.romano@dpi.nsw.gov.au](mailto:carmel.romano@dpi.nsw.gov.au)> **On Behalf Of** Rachel Connell

**Sent:** Tuesday, 17 December 2019 3:06 PM

**To:** Cassandra Wilkinson <[Cassandra.Wilkinson@treasury.nsw.gov.au](mailto:Cassandra.Wilkinson@treasury.nsw.gov.au)>; s22

s22 Geoff Rumble <[Geoff.Rumble@treasury.nsw.gov.au](mailto:Geoff.Rumble@treasury.nsw.gov.au)>; EZRA  
s22 >; Is22 [l@infrastructure.gov.au](mailto:l@infrastructure.gov.au)>; Lisa

Moir <[Lisa.Moir@dpc.nsw.gov.au](mailto:Lisa.Moir@dpc.nsw.gov.au)>; Louis Kastoun <[Louis.Kastoun@treasury.nsw.gov.au](mailto:Louis.Kastoun@treasury.nsw.gov.au)>;

s22 [l@infrastructure.gov.au](mailto:l@infrastructure.gov.au)>; Michael Scotland  
<[michael.scotland@dpi.nsw.gov.au](mailto:michael.scotland@dpi.nsw.gov.au)>; Peter Miller <[Peter.Miller@treasury.nsw.gov.au](mailto:Peter.Miller@treasury.nsw.gov.au)>; Philip Coates

<[Philip.Coates@treasury.nsw.gov.au](mailto:Philip.Coates@treasury.nsw.gov.au)>; Rachel Connell <[rachel.connell@industry.nsw.gov.au](mailto:rachel.connell@industry.nsw.gov.au)>; Brendan Cook <[Brendan.Cook@dpc.nsw.gov.au](mailto:Brendan.Cook@dpc.nsw.gov.au)>

**Subject:** Agenda - Priority Dam Projects - Commonwealth & NSW Meeting - Wednesday 18 December 2019 - 9am-9.45am

Dear All,

Please find attached an agenda for our meeting tomorrow at 9am-9.45am.

If you are attending in person, could you please come to the reception on Level 48 MLC Centre for access to the Level 49 meeting room.

If you are dialling into the meeting, please note teleconference number is 6391 4531.

Kind regards,

Rachel

**Rachel Connell**

**Executive Director, Regional Water Strategies Division**

Water Group | Department of Planning, Industry & Environment

02 9338 6861 s47F | [rachel.connell@industry.nsw.gov.au](mailto:rachel.connell@industry.nsw.gov.au) | [www.dpie.nsw.gov.au](http://www.dpie.nsw.gov.au)

**Please note I do not work Friday after 1:00pm**



*The Department of Planning, Industry and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.*

s22

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**From:**

s22

**Sent:**

Wednesday, 18 December 2019 4:44 PM

**To:**

s22

**Subject:**

Notes - mtg with NSW Govt. re Priority Dam Projects: Wyangala, s22

s22 SEC=OFFICIAL]

## OFFICIAL

Colleagues,

Some dot points about the meeting this morning with NSW Govt.

- Phil Coates has been seconded from NSW Treasury and will be head of delivery for this suite of projects

s47B

s22

s47B

- NWGA advised that they would provide contact details of new GMs to NSW
- NWGA indicated that they would look into whether a SOC can access funds rather than Treasury to Treasury and advise.

Further clarification can be sought from s22 or myself as required.

Thanks,

s22

Policy Officer | National Water Infrastructure Policy  
National Water Infrastructure Policy | National Water  
Grid Authority  
Department of Infrastructure, Transport, Cities and  
Regional Development  
GPO Box 594, Canberra ACT 2601

s22

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**OFFICIAL**

s22

10

**From:** s22  
**Sent:** Monday, 10 August 2020 12:02 PM  
**To:** s22  
**Subject:** FW: National Water Infrastructure Development Fund - NSW Projects [SEC=OFFICIAL]

OFFICIAL

OFFICIAL

**From:** s22 @infrastructure.gov.au>  
**Sent:** Thursday, 24 October 2019 1:34 PM  
**To:** s22 @TREASURY.GOV.AU>

s22

**Subject:** National Water Infrastructure Development Fund - NSW Projects [DLM=For-Official-Use-Only]

Hi s22

Further to your discussion with s22 funding details for the s22 and Wyangala Dam projects are as follows:

Project	Est Capital Cost	Cth contribution	
		NWIDF	NWILF
s22			
Wyangala Dam	\$650 million	\$325 million	\$325 million

s22

The Regional Investment Corporation currently offers loans under the NWILF at 2.65%. This rate came into effect on 1 August 2019. The next review will be conducted in Nov 2019 for application from 1 Feb 2020. The RIC interest rate is determined by the rate at which the Commonwealth can borrow (based on 10 year bond rate) plus the cost for the RIC to administer the loan.

We understand that the interest rate offered by the RIC is higher than what most states can borrow.

s22

Happy to help if you need anything further.

Kind regards,

s22

s22

A/g Director | National Water Infrastructure Policy  
National Water Grid Authority  
Department of Infrastructure, Transport, Cities and Regional Development  
GPO Box 594, Canberra ACT 2601

s22

s22 [infrastructure.gov.au](https://infrastructure.gov.au) | [www.nationalwatergrid.gov.au](https://www.nationalwatergrid.gov.au)

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## PROTECTED

**From:** s22 @infrastructure.gov.au>

**Sent:** Monday, 14 October 2019 10:57 AM

s22

s22 @infrastructure.gov.au>; WALL Ruth <Ruth.Wall@infrastructure.gov.au>

**Subject:** URGENT NSW commitments - estimated profiles [SEC=PROTECTED, DLM=Sensitive:Cabinet]

s22

Brad Medland has been asked by Finance to provide **by 12pm** the profiling for the announcements over the weekend.

I have used your table (corrected the 21-22 cap amount for Wyangala) and added s22

s22

Are you aware of any further changes to the profiles you provided to s22 last week, or are you happy for me to send this through?

Thanks,

s22

A/g Director | National Water Infrastructure Policy  
Regional Policy | Regional Development and Local  
Government  
Department of Infrastructure, Transport, Cities and Regional  
Development  
GPO Box 594, Canberra ACT 2601

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# NSW Announcements - Estimated Profiles

Project NSW50/Cth50  50% @ 50/50 capital/loan	Estimate Capital Cost (2017)	FY Est Profile					Total Cth
		2019-20 \$mil	2020-21 \$mil	2021-22 \$mil	2022-23 \$mil	2023-24 \$mil	
Wyangala Dam	\$650 million						\$mil
Cth \$325 million	Capital \$162.5	s47B and 47C					162.5
	Loan \$162.5						162.5

s22

**From:** s22  
**Sent:** Monday, 14 October 2019 1:43 PM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: urgent: QTB words [SEC=UNOFFICIAL]  
**Attachments:** s22 NSW Plan on Page 21Aug2019.docx; NSW dam projects.docx

Hi s22

Details of the funding commitments in NSW made over the weekend are as follows:

***National Water Infrastructure Development Fund - Capital Commitments***

s22

NSW	Wyangala Dam	\$162,500,000	Cowra	Co-funding the construction of raising the Wyangala Dam.	A further \$162.5 million loan offer has been committed. Contingent on the economic viability of the infrastructure and an at least matching contribution from the NSW Government
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***National Water Infrastructure Development Fund - Feasibility Commitments***

s22

***National Water Infrastructure Loan Facility Commitments***

s22

NSW	Wyangala Dam	\$162,500,000	Cowra	Co-funding the construction of raising the Wyangala Dam.	Funding commitment has also been made for \$162.5 million capital funding. Contingent on the economic viability of the infrastructure and an at least matching contribution from the NSW Government.
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Further details on the capital projects (particularly re dam capacity) cannot be settled until these projects have finalised designs. In the meantime, project information provided by the NSW Government (from 2017) is attached.

s22

Happy to discuss further.

Regards,

s22

s22

A/g Director | National Water Infrastructure Policy  
Regional Policy | Regional Development and Local  
Government  
Department of Infrastructure, Transport, Cities and Regional  
Development  
GPO Box 594, Canberra ACT 2601

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**From:** s22  
**Sent:** Monday, 14 October 2019 12:06 PM  
**To:** s22  
**Cc:** s22  
**Subject:** FW: urgent: QTB words [SEC=UNOFFICIAL]

Hi s22

Following Kirsty's request, I am chasing up the background information on those announced new dams. NB: it is a high priority and the MO needs this asap.

- On 13 October 2019 the Prime Minister and the NSW Premier announced a joint investment package of \$1 billion to build water infrastructure in NSW, with \$650 million to upgrade the Wyangala dam in the central west of NSW and s22
- These projects are expected to begin in 2020 and be completed by 2025.

s22

We are grateful for your prompt assistance.

Best regards

s22

s22

Assistant Director | International Engagement | Water Division

s22

Department of Agriculture  
Postal address: GPO Box 858 Canberra ACT 2601

**From:** Bunfield, Kirsty  
**Sent:** Monday, 14 October 2019 11:59 AM

To: s22 [redacted]@agriculture.gov.au>  
Subject: FW: urgent: QTB words [SEC=UNOFFICIAL]

From: Bunfield, Kirsty  
Sent: Monday, 14 October 2019 11:59 AM  
To: s22 [redacted]

s22 [redacted]

Subject: RE: urgent: QTB words [SEC=UNOFFICIAL]

Thanks s22 [redacted]  
The MO also require the following if you can please forward this at your earliest convenience.

Can you please ensure that we have facts and figures on each proposed dam in background (\$, proposed capacity, existing dam/dam upgrade etc) consistent with those being used by Department of Infrastructure s22 [redacted]

s22 [redacted]

Thanks,

Kirsty Bunfield  
Assistant Secretary – National Water Policy  
Water Division  
Department of Agriculture  
18 Marcus Clarke Street, Canberra ACT 2601, Australia  
GPO Box 858, Canberra City ACT 2601  
[kirsty.bunfield@agriculture.gov.au](mailto:kirsty.bunfield@agriculture.gov.au)  
☎: (02) 6272 5033 s47F [redacted]



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From: s22 [redacted]@infrastructure.gov.au]  
Sent: Monday, 14 October 2019 11:28 AM  
To: Bunfield, Kirsty <[Kirsty.Bunfield@agriculture.gov.au](mailto:Kirsty.Bunfield@agriculture.gov.au)>

s22 [redacted]

Subject: RE: urgent: QTB words [SEC=UNOFFICIAL]

Hi Kirsty,

Some points from our updated QTB following the announcements over the weekend:

- The Australian Government is getting on with the job of building new water infrastructure to meet the needs of regional Australia.

- Our recent announcement of a jointly funded \$1 billion infrastructure package in NSW is further proof that this Government is delivering the funding needed to fast-track construction of water infrastructure for regional Australia.
- With this announcement of additional funding, we are now providing \$3.5 billion through the \$1.5 billion National Water Infrastructure Development Fund (the Fund) and the \$2 billion National Water Infrastructure Loan Facility (the Loan Facility) to build dams, weirs and pipelines.

Cheers,

s22

A/g Director | National Water Infrastructure Policy  
Regional Policy | Regional Development and Local  
Government  
Department of Infrastructure, Transport, Cities and Regional  
Development

s22

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From s22 @infrastructure.gov.au>

Sent: Monday, 14 October 2019 11:12 AM

To: s22

Subject: Fwd: urgent: QTB words [SEC=UNOFFICIAL]

UNOFFICIAL

UNOFFICIAL

From: "Bunfield, Kirsty" <[Kirsty.Bunfield@agriculture.gov.au](mailto:Kirsty.Bunfield@agriculture.gov.au)>

Date: Monday, 14 October 2019 at 10:45:45 am

To: s22

s22

Cc: "s22" <[s22@agriculture.gov.au](mailto:s22@agriculture.gov.au)>

Subject: urgent: QTB words [SEC=UNOFFICIAL]

Hi

AS discussed with s22 just a reminder that we urgently require a few dot points for our QTB following NSW and Commonwealth water infrastructure announcement.

Thanks,  
Kirsty

**Kirsty Bunfield**

Assistant Secretary – National Water Policy

Water Division

Department of Agriculture

18 Marcus Clarke Street, Canberra ACT 2601, Australia

GPO Box 858, Canberra City ACT 2601

[kirsty.bunfield@agriculture.gov.au](mailto:kirsty.bunfield@agriculture.gov.au)

☎: (02) 6272 5033 **S47F**



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# NSW PROJECTS - PLAN ON A PAGE

## Project – Wyangala Dam Raising

### Water Security Solution

**Valley:** Lachlan

#### Description:

The Lachlan Valley lacks adequate capacity and capability to mitigate the impacts of drought and flood. As a result, reliability of water supply is low on average and highly variable.

The Millennium Drought from 2002 to 2010 caused profound hardship for many residents, with consecutive years of zero to little general security water allocation and water restrictions in dependent areas.

Since the break of the drought, floods have destroyed crops, damaged infrastructure, created safety risks, and resulted in significant financial and economic loss.

Raising Wyangala Dam contributes materially to achieving the desired 'step change' in water security, drought security and flood management capability.

#### Benefits:

- Modelling predicts an additional 21.05GL p.a. estimated yield for general security licence use
- The option of raising Wyangala Dam provides significant improvement in drought security, flood management and water reliability.
- Increased capability to manage high inflow / flood events.

#### Infrastructure Requirement:

- Raising of the embankment and associated downstream rockfill to add an additional 650GL of storage
- Raising the spillway and intake towers of the dam by 10m
- Associated works to ensure safe access and maintenance on the crest and downstream areas

#### Delivery Proposal:

Recommend proceeding to Final Business Case. Key items to address:

- Confirmation of water security benefits
- Stakeholder engagement, customer engagement and acceptance work
- Detailed environmental assessments
- Confirmation of financial and economic benefits
- Further refinement of concept design, spillway design and other engineering assessments

Future actions:

- Final business case estimated cost \$33.3M (ex-GST); and
- Approvals and capital works delivery \$620M (ex-GST \$2017)



## NSW PROJECTS - PLAN ON A PAGE

s22



NSW PROJECTS - PLAN ON A PAGE

s22

## NSW PROJECTS - PLAN ON A PAGE

s22



s34







s22

**From:** s22 <[REDACTED]@pmc.gov.au>  
**Sent:** Friday, 11 October 2019 6:16 PM  
**To:** s22; WALL Ruth  
**Cc:** Environment Team

s34

As discussed

**From:** s22  
**Sent:** Friday, 11 October 2019 6:06 PM  
**To:** s22

s22

s34

PROTECTED

Hi all,

s34

Thanks

s22 Director  
Infrastructure Agency Advice Unit  
Budget and Financial Reporting, Department of Finance

s22

PROTECTED

**From:** s22 <[REDACTED]@pmc.gov.au>  
**Sent:** Friday, 11 October 2019 5:51 PM

s22

s34

PROTECTED

Hi Mark

s34

Happy to discuss anytime.

s22

Environment and Water | Industry, Infrastructure and Environment Division  
Department of the Prime Minister and Cabinet

s22

From: s22 @TREASURY.GOV.AU>

Sent: Friday, 11 October 2019 5:45 PM

s22

s34

Hi

s22

Thanks for sharing and for the discussion earlier.

s34

Thanks,

s22

Structural Reform Division  
The Treasury | Langton Crescent, Parkes ACT 2600

s22

The Treasury acknowledges the traditional owners of country throughout Australia, and their continuing connection to land, water and community. We pay our respects to them and their cultures and to elders both past and present.



s22

@pmc.gov.au>

Sent: Friday, 11 October 2019 4:52 PM

s22

s34

PROTECTED  
Sensitive: Cabinet

Hi Finance and Treasury colleagues

s34

Many thanks and happy to chat.

s22

Environment and Water | Industry, Infrastructure and Environment Division  
Department of the Prime Minister and Cabinet

s22

---

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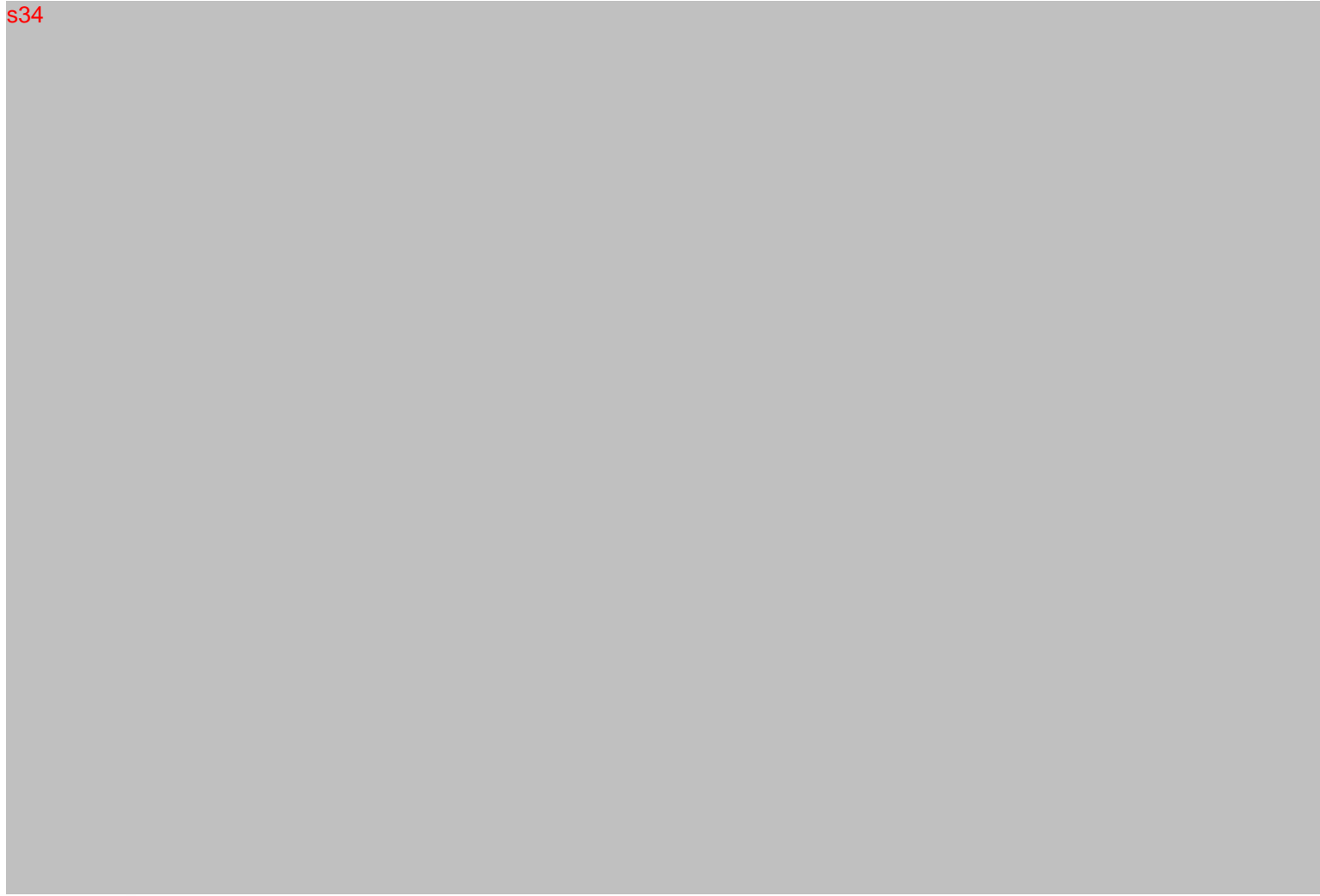
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s34



**From:** s22  
**Sent:** Friday, 11 October 2019 11:44 AM  
**To:** s22  
**Cc:**  
**Subject:** s34  
**Attachments:**

Redraft is attached as discussed.

s22

A/g Director | National Water Infrastructure Policy  
Regional Policy | Regional Development and Local  
Government  
Department of Infrastructure, Transport, Cities and Regional  
Development  
GPO Box 594, Canberra ACT 2601

s22

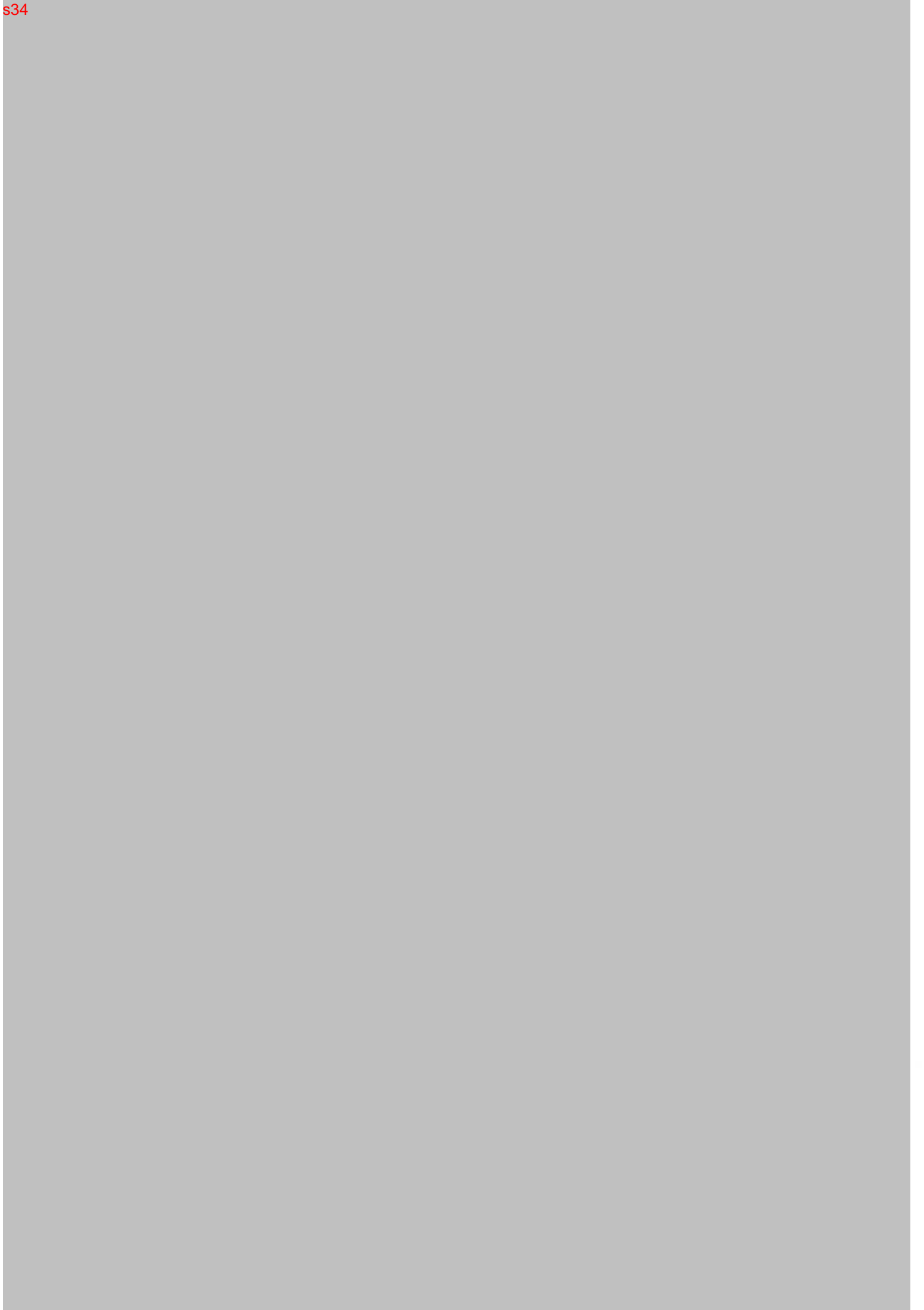
w [www.infrastructure.gov.au](http://www.infrastructure.gov.au)



**Australian Government**

**Department of Infrastructure, Transport,  
Cities and Regional Development**

**Great Cities. Strong Regions.  
Connecting Australians.**



s22

17

**From:** s22  
**Sent:** Thursday, 10 October 2019 4:39 PM  
**To:** s22  
**Subject:** s34

**Attachments:**

FYI so you have the email trails

s22

A/g Director | National Water Infrastructure Policy  
Regional Policy | Regional Development and Local  
Government  
Department of Infrastructure, Transport, Cities and Regional  
Development  
GPO Box 594, Canberra ACT 2601

s22

w [www.infrastructure.gov.au](http://www.infrastructure.gov.au)



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**Department of Infrastructure, Transport,  
Cities and Regional Development**

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Connecting Australians.**

**From:** s22  
**Sent:** Thursday, 10 October 2019 1:00 PM  
**To:** s22  
**Subject:** s34

FYI

s34

Sure there will be further evolutions as day progresses.

s22

**From:** s22

**Sent:** Thursday, 10 October 2019 12:36 PM

s22 <[REDACTED]@infrastructure.gov.au>

**Cc:** BACON Rachel <[Rachel.Bacon@infrastructure.gov.au](mailto:Rachel.Bacon@infrastructure.gov.au)>; WALL Ruth <[Ruth.Wall@infrastructure.gov.au](mailto:Ruth.Wall@infrastructure.gov.au)>

**Subject:** s34

As requested

Hi L  
s22

As per request for possible profiles for PMO in relation to dams being discussed with NSW Government.  
Profiles are based on figures  
The NWIDF program is terminating program as at 30 June 2025

Profile is indicative as both projects are subject to final design and business case being completed before a construction tender can be let and timeline for construction established

Project	Estimate Capital Cost (2017)	FY								
Wyangala	\$650 million	2019-20 \$mil	2020-21 \$mil	2021-22 \$mil	2022-23 \$mil	2023-24 \$mil	2024-25 \$mil	2025-26 \$mil		
	Cwlth s47B and 47C									



Project	Estimate Capital Cost (2017)	FY							
s47B									
Wyangala	\$650 million	2019-20 \$mil	2020-21 \$mil	2021-22 \$mil	2022-23 \$mil	2023-24 \$mil	2024-25 \$mil	2025-26 \$mil	
	s47B and 47C								

s22

18

**From:** s22  
**Sent:** Thursday, 10 October 2019 4:38 PM  
**To:** s22  
**Subject:** FW: NSW Profile.docx [SEC=PROTECTED, DLM=Sensitive:Cabinet]  
**Attachments:** Profile.docx; ATT00001.txt

FYI so you have the email trails

s22

A/g Director | National Water Infrastructure Policy Regional Policy | Regional Development and Local Government  
Department of Infrastructure, Transport, Cities and Regional Development GPO Box 594, Canberra ACT 2601 t 02

s22 w [www.infrastructure.gov.au](http://www.infrastructure.gov.au)

-----Original Message-----

**From:** s22 <s22@infrastructure.gov.au>  
**Sent:** Thursday, 10 October 2019 1:32 PM  
**To:** s22 <s22@infrastructure.gov.au>; BACON Rachel <Rachel.Bacon@infrastructure.gov.au>; WALL Ruth <Ruth.Wall@infrastructure.gov.au>  
**Subject:** FW: NSW Profile.docx [SEC=PROTECTED, DLM=Sensitive:Cabinet]

H s22

Update from s22 on funding splits likely to be offered to NSW in relation to Wyangala and s22

Will get someone to do up high level points on the two dams noting that proposed s22 has does not have a final designed.

s22

-----Original Message-----

**From:** s22 <s22@infrastructure.gov.au>  
**Sent:** Thursday, 10 October 2019 1:22 PM  
**To:** s22 <s22@infrastructure.gov.au>  
**Subject:** NSW Profile.docx

s22

Also the PM has requested the snap shot of high level details on wyangala s22

Thank s22

Project NSW50/CwltH50 50% @ 50/50 capital/loan	Estimate Capital Cost (2017)	FY								
Wyangala	\$650 million	2019-20 \$mil	2020-21 \$mil	2021-22 \$mil	2022-23 \$mil	2023-24 \$mil	2024-25 \$mil	2025-26 \$mil		
	Capital \$162.5	s47B and 47C								
	Loan \$162.5									

s22

s22

19

**From:** s22  
**Sent:** Monday, 10 August 2020 12:00 PM  
**To:** s22  
**Subject:** FW: Attachment A - WaterNSW project proposals\_revised\_21Aug2019 BS (2) (3).docx [SEC=PROTECTED]  
**Attachments:** NSW dam projects.docx

PROTECTED

PROTECTED

**From:** s22 <[REDACTED]@infrastructure.gov.au>  
**Sent:** Thursday, 10 October 2019 1:48 PM  
**To:** s22 <[REDACTED]@infrastructure.gov.au>  
**Cc:** WALL Ruth <Ruth.Wall@infrastructure.gov.au>; BACON Rachel <Rachel.Bacon@infrastructure.gov.au> s22  
s22  
**Subject:** Attachment A - WaterNSW project proposals\_revised\_21Aug2019 BS (2) (3).docx [SEC=PROTECTED, DLM=Sensitive:Cabinet]

Hi s22

Latest info we have from NSW on proposed dams.

s22

# NSW PROJECTS - PLAN ON A PAGE

## Project – Wyangala Dam Raising

### Water Security Solution

**Valley:** Lachlan

#### Description:

The Lachlan Valley lacks adequate capacity and capability to mitigate the impacts of drought and flood. As a result, reliability of water supply is low on average and highly variable.

The Millennium Drought from 2002 to 2010 caused profound hardship for many residents, with consecutive years of zero to little general security water allocation and water restrictions in dependent areas.

Since the break of the drought, floods have destroyed crops, damaged infrastructure, created safety risks, and resulted in significant financial and economic loss.

Raising Wyangala Dam contributes materially to achieving the desired 'step change' in water security, drought security and flood management capability.

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- Increased capability to manage high inflow / flood events.

#### Infrastructure Requirement:

- Raising of the embankment and associated downstream rockfill to add an additional 650GL of storage
- Raising the spillway and intake towers of the dam by 10m
- Associated works to ensure safe access and maintenance on the crest and downstream areas

#### Delivery Proposal:

Recommend proceeding to Final Business Case. Key items to address:

- Confirmation of water security benefits
- Stakeholder engagement, customer engagement and acceptance work
- Detailed environmental assessments
- Confirmation of financial and economic benefits
- Further refinement of concept design, spillway design and other engineering assessments

Future actions:

- Final business case estimated cost \$33.3M (ex-GST); and
- Approvals and capital works delivery \$620M (ex-GST \$2017)

NSW PROJECTS - PLAN ON A PAGE

s22



NSW PROJECTS - PLAN ON A PAGE

s22



## NSW PROJECTS - PLAN ON A PAGE

s22





s22

20

**From:** Media (Infrastructure)  
**Sent:** Tuesday, 8 October 2019 3:39 PM  
**To:** s22  
**Cc:** Water Infrastructure; Media (Infrastructure)  
**Subject:** RE: NSW projects - water infra media release request [SEC=PROTECTED]

Phew boy... I'm thinking a phone hook-up with all parties might be order to sort out what's happening here.

Let me know when you have some time – preferably in the AM – and I can ask s22 to organise s22 to be there.

Happy to discuss – you can reach me on s22 today.

s22

**From:** s22  
**Sent:** Tuesday, 8 October 2019 3:30 PM  
**To:** Media (Infrastructure)  
**Cc:** Water Infrastructure  
**Subject:** Re: NSW projects - water infra media release request [SEC=PROTECTED]

PROTECTED

Hi I s22

s47B

Also unclear whether we are funding capital or business case/ design work?

As for shovel ready in 2020 I don't have any info that projects are ready to move to tender by mid to to late year.

Talk soon

s22

PROTECTED

**From:** "Media (Infrastructure)" <[media@infrastructure.gov.au](mailto:media@infrastructure.gov.au)>  
**Date:** Tuesday, 8 October 2019 at 3:12:02 pm  
**To:** s22  
**Cc:** "Media (Infrastructure)" <[media@infrastructure.gov.au](mailto:media@infrastructure.gov.au)>, "Water Infrastructure" <[waterinfrastructure@infrastructure.gov.au](mailto:waterinfrastructure@infrastructure.gov.au)>  
**Subject:** RE: NSW projects - water infra media release request [SEC=PROTECTED]

Hi s22

Can you or the team please advise if there are any elements of the points below that shouldn't be covered based on your discussions with s22

s22

Grateful for your guidance on this one.

s22

Media Manager  
Department of Infrastructure, Transport, Cities and Regional  
Development  
GPO Box 594, Canberra ACT 2601

s22

*The Department proudly acknowledges the Traditional Owners and Custodians of Australia, and their continuing connections to the land, waters and communities. We pay our respects to them and to their Elders past, present and emerging.*



**Australian Government**

**Department of Infrastructure, Transport,  
Cities and Regional Development**

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Connecting Australians.**

From s22 <[redacted]@infrastructure.gov.au>

Sent: Tuesday, 8 October 2019 2:58 PM

To: Media (Infrastructure) <media@infrastructure.gov.au>

s22 <[redacted]@infrastructure.gov.au>;  
[redacted] <[redacted]@infrastructure.gov.au>; s22 <[redacted]@infrastructure.gov.au>

s22  
Subject: FW: NSW projects [SEC=PROTECTED]

Hi media team,

Can we please have the following worked into a media release which we can use for an announcement later in the week?

I'll need a draft by tomorrow.

Cheers,

s22

From: s22 <[redacted]@infrastructure.gov.au>

Sent: Tuesday, 8 October 2019 12:21 PM

To: s22 <[redacted]@infrastructure.gov.au>; WALL Ruth <Ruth.Wall@infrastructure.gov.au>

s22

Subject: RE: NSW projects [SEC=PROTECTED]

Hi s22

See below for comments.

I have a meeting with Rachel Connel, Executive Director, Regional Water Strategies Division, NSW on Thursday pm.

Hopefully s22 will be able to provide detail on some or all of the NSW water priorities. At this moment in time we have access to info that is in the public domain or the completed s22  
Will forward any new info we get.

- To prepare for future droughts NSW and the Commonwealth will agree to fast track and construct the following priority large scale water projects:
  - Wyangala Dam \$650m: NSW committed to this projects during their 2019 election (they would fully fund). The Commonwealth will provide up to 20 per cent of the funding through a mix of grant money (through the National Water Infrastructure Development Fund) and financing (through the National Water Infrastructure Loan Facility). s47B

s47B

- Wyangala is second oldest dam built for irrigation in NSW. Irrigated Ag allocation based on data for existing dam indicates Ag water allocation is around 30 per cent taking into account general entitlements. No info on how additional water may be allocated between Ag and other uses.

s22

- The Commonwealth's investments in Wyangala will free up NSW funding to respond to the immediate pressure of town water supply.
  - NSW will invest in a grid of pipelines to connect...
- The Prime Minister and Premier sign a MOU (or exchange of letters) agreeing to fast track these projects with an expectation that at least two of the large scale projects will be shovel ready in 2020. Alongside this agreement, finalisation of a Bilateral Agreement made under the EPBC Act relating to environmental assessment will be finalised as a matter of priority. This will facilitate streamlined processes for environmental assessments – for the large scale projects and town water if needed.
  - We have no info to be able to assess whether or not NSW can get projects shovel ready. s47B  
s47B require detailed designs for each dam and EIS which will inform final business/cost of projects and whatever public consultation periods for approval of infrastructure project and purchase of land required for projects? Issues only NSW can address.

Cheers

s22

From: s22 <[redacted]@infrastructure.gov.au>  
Sent: Tuesday, 8 October 2019 9:53 AM  
To: s22 <[redacted]@infrastructure.gov.au>  
Cc: [redacted] <[redacted]@infrastructure.gov.au>  
Subject: NSW projects [SEC=PROTECTED]

Hi s22

Can you please run your eye over this and see if its correct from your point of view.

Thanks

- To prepare for future droughts NSW and the Commonwealth will agree to fast track and construct the following priority large scale water projects:
  - Wyangala Dam \$650m: NSW committed to this projects during their 2019 election (they would fully fund). The Commonwealth will provide up to 20 per cent of the funding through a mix of grant money (through the National Water Infrastructure Development Fund) and financing (through the National Water Infrastructure Loan Facility)<sup>s47B</sup>

<sup>s47B</sup>

<sup>s22</sup>

- The Commonwealth's investments in Wyangala will free up NSW funding to respond to the immediate pressure of town water supply.
  - NSW will invest in a grid of pipelines to connect...
- The Prime Minister and Premier sign a MOU (or exchange of letters) agreeing to fast track these projects with an expectation that at least two of the large scale projects will be shovel ready in 2020. Alongside this agreement, finalisation of a Bilateral Agreement made under the EPBC Act relating to environmental assessment will be finalised as a matter of priority. This will facilitate streamlined processes for environmental assessments – for the large scale projects and town water if needed.

<sup>s22</sup>

Office of the Hon Michael McCormack MP  
Deputy Prime Minister  
Minister for Infrastructure, Transport and Regional Development  
Leader of The Nationals  
Federal Member for Riverina

<sup>s22</sup>

MG41, Parliament House | Canberra ACT 2600  
Suite 2, 11-15 Fitzmaurice Street | Wagga Wagga NSW 2650

s22

21

**From:** s22  
**Sent:** Friday, 27 September 2019 1:46 PM  
**To:** s22  
**Subject:** FW: Documents submitted to IA [SEC=UNCLASSIFIED]  
**Attachments:** Attachment B - drought-stages-summary-high-res - at 19 August 2019.jpg;  
Attachment A - WaterNSW project proposals\_revised\_21Aug2019 BS (2) (3).docx

s22

Does this add to our knowledge of the projects listed in the

s47B

s22

**From:** Rachel Connell  
**Sent:** Friday, 27 September 2019 1:38 PM  
**To:** EDWARDS Drue  
**Subject:** Documents submitted to IA

Hi

s22

See attached.

We've asked WaterNSW to update the project proposals given this was prepared a couple of months ago

This should be a good starting point in the interim.

We've asked for updates by cob but that may not be feasible. I'll keep you posted.

Thanks very much

**Rachel Connell**

**Executive Director, Regional Water Strategies Division**

Water Group | Department of Planning, Industry & Environment  
02 9338 6861 s47F | [rachel.connell@industry.nsw.gov.au](mailto:rachel.connell@industry.nsw.gov.au) | [www.dpie.nsw.gov.au](http://www.dpie.nsw.gov.au)

**Please note I do not work Friday after 1:00pm**





## Extreme Events Policy

**Incident Response Guide:  
Criticality Level**

- Stage 1 Normal Operations  
■ Stage 2 Drought Operations  
■ Stage 3 Severe Drought  
■ Stage 4 Critical Drought



## Top Projects – Plan on a Page

### Overview

In June 2018, WaterNSW released a 20 Year Infrastructure Options Study (rural valleys) which provides a strategic level qualitative assessment of potential infrastructure options to meet long-term level of service (LOS) objectives in regulated river water supply areas across NSW (excluding Greater Sydney).

This Options Study identified infrastructure options that were considered successful in qualitatively addressing our perceived LOS gaps within a valley.

s47B



	Valley	Option	Category	Asset Cost (FY17-18)
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s22



### Projects with studies currently underway

11	Lachlan	Wyangala Dam Wall Raising	Dam	\$620M
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s22



s22





s22



s22



s22

s22

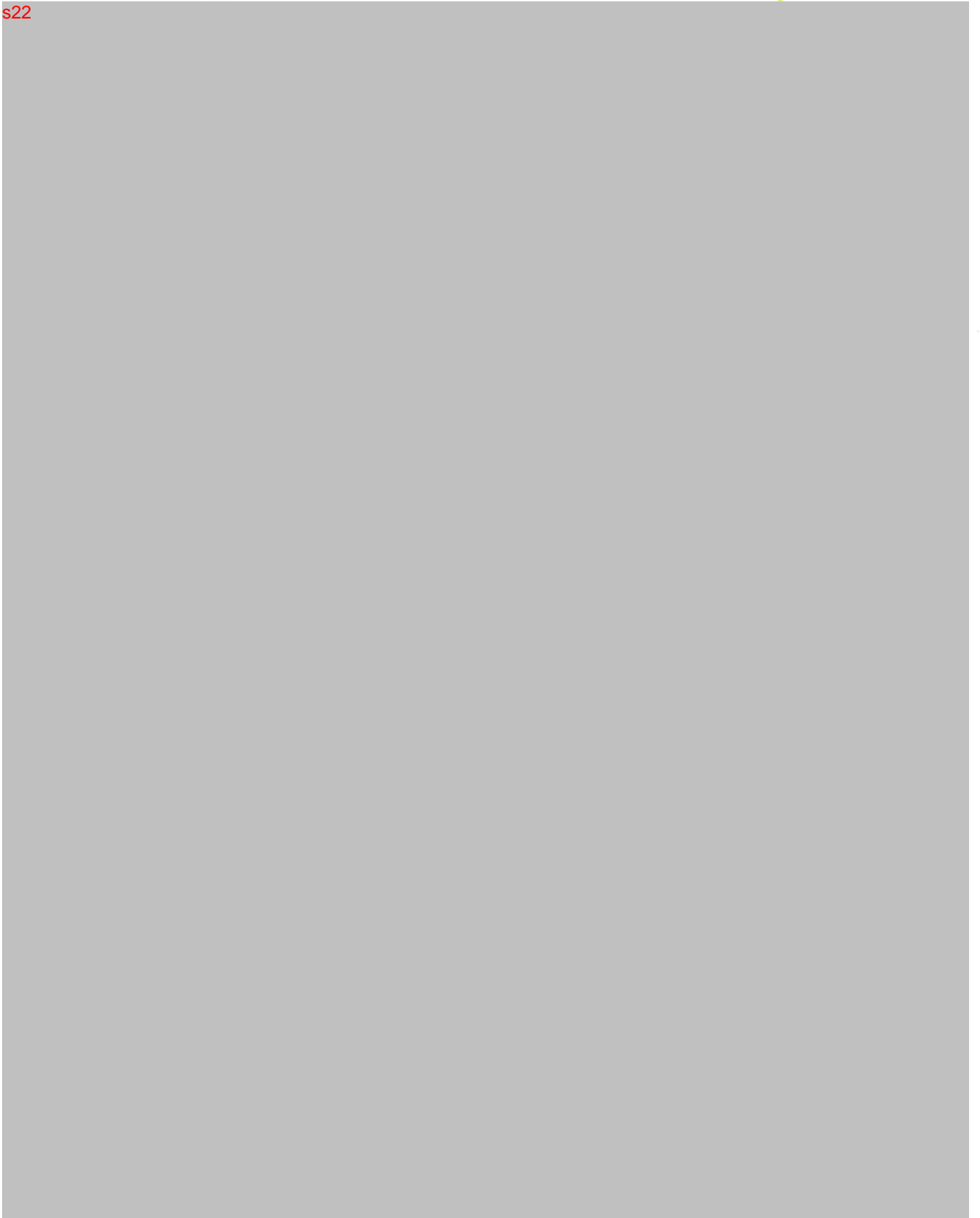
s22

s22

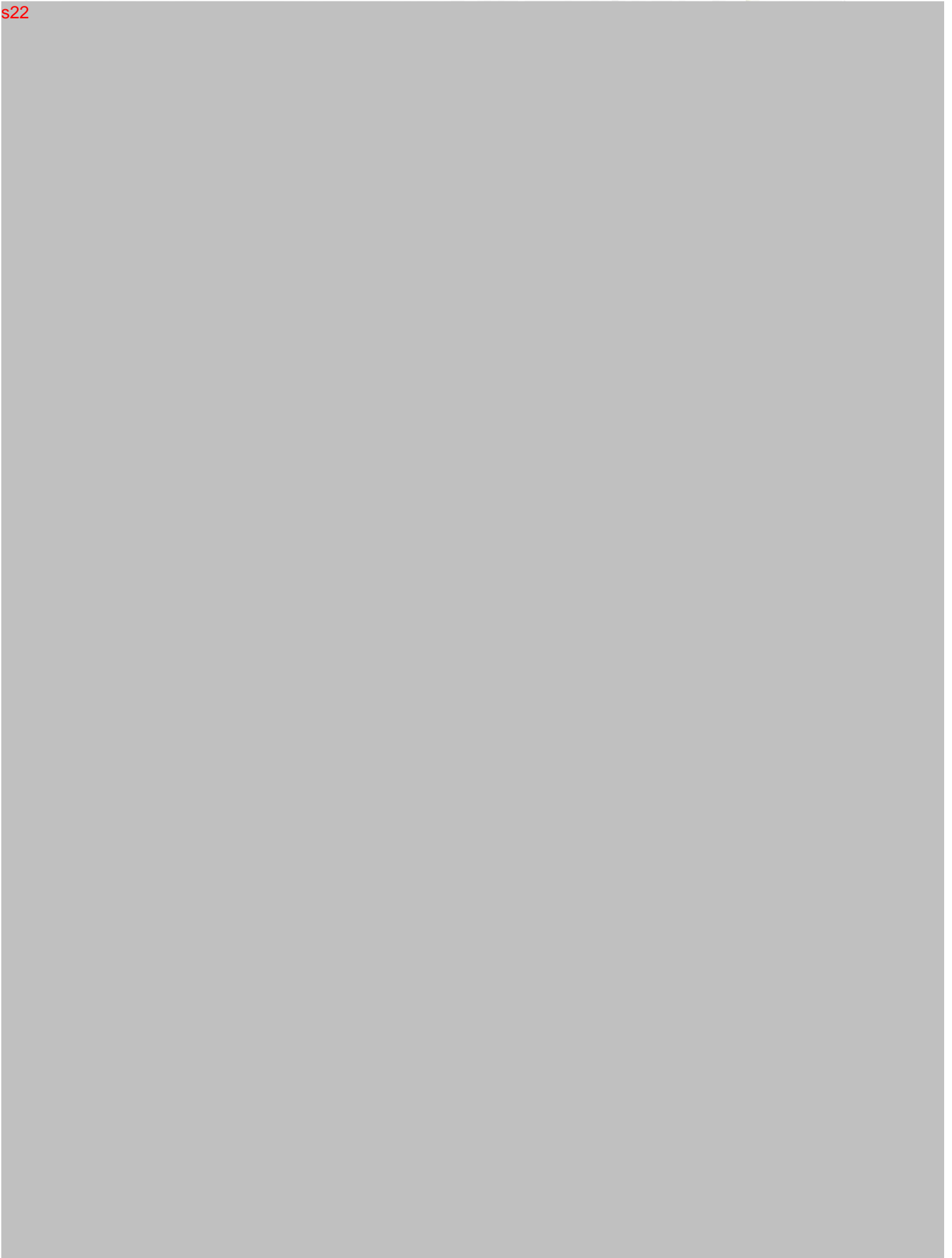
s22



s22







s22



## Project 11 – Wyangala Dam Raising

### Water Security Solution

**Valley:** Lachlan

#### Description:

The Lachlan Valley lacks adequate capacity and capability to mitigate the impacts of drought and flood. As a result, reliability of water supply is low on average and highly variable.

The Millennium Drought from 2002 to 2010 caused profound hardship for many residents, with consecutive years of zero to little general security water allocation and water restrictions in dependent areas.

Since the break of the drought, floods have destroyed crops, damaged infrastructure, created safety risks, and resulted in significant financial and economic loss.

Raising Wyangala Dam contributes materially to achieving the desired 'step change' in water security, drought security and flood management capability.

#### Benefits:

- Modelling predicts an additional 21.05GL p.a. estimated yield for general security licence use
- The option of raising Wyangala Dam provides significant improvement in drought security, flood management and water reliability.
- Increased capability to manage high inflow / flood events.

#### Infrastructure Requirement:

- Raising of the embankment and associated downstream rockfill to add an additional 650GL of storage
- Raising the spillway and intake towers of the dam by 10m
- Associated works to ensure safe access and maintenance on the crest and downstream areas

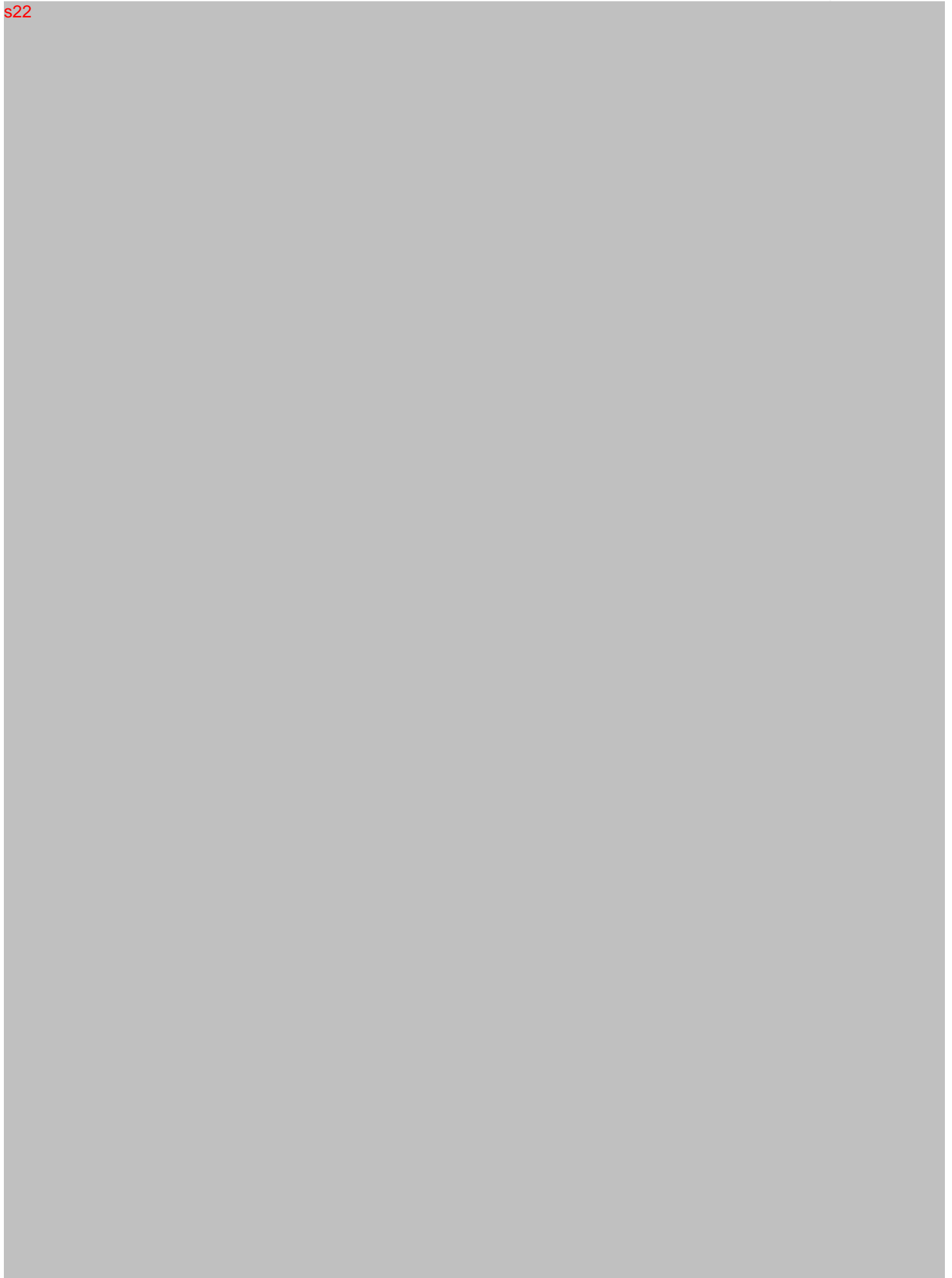
#### Delivery Proposal:

Recommend proceeding to Final Business Case. Key items to address:

- Confirmation of water security benefits
- Stakeholder engagement, customer engagement and acceptance work
- Detailed environmental assessments
- Confirmation of financial and economic benefits
- Further refinement of concept design, spillway design and other engineering assessments

Future actions:

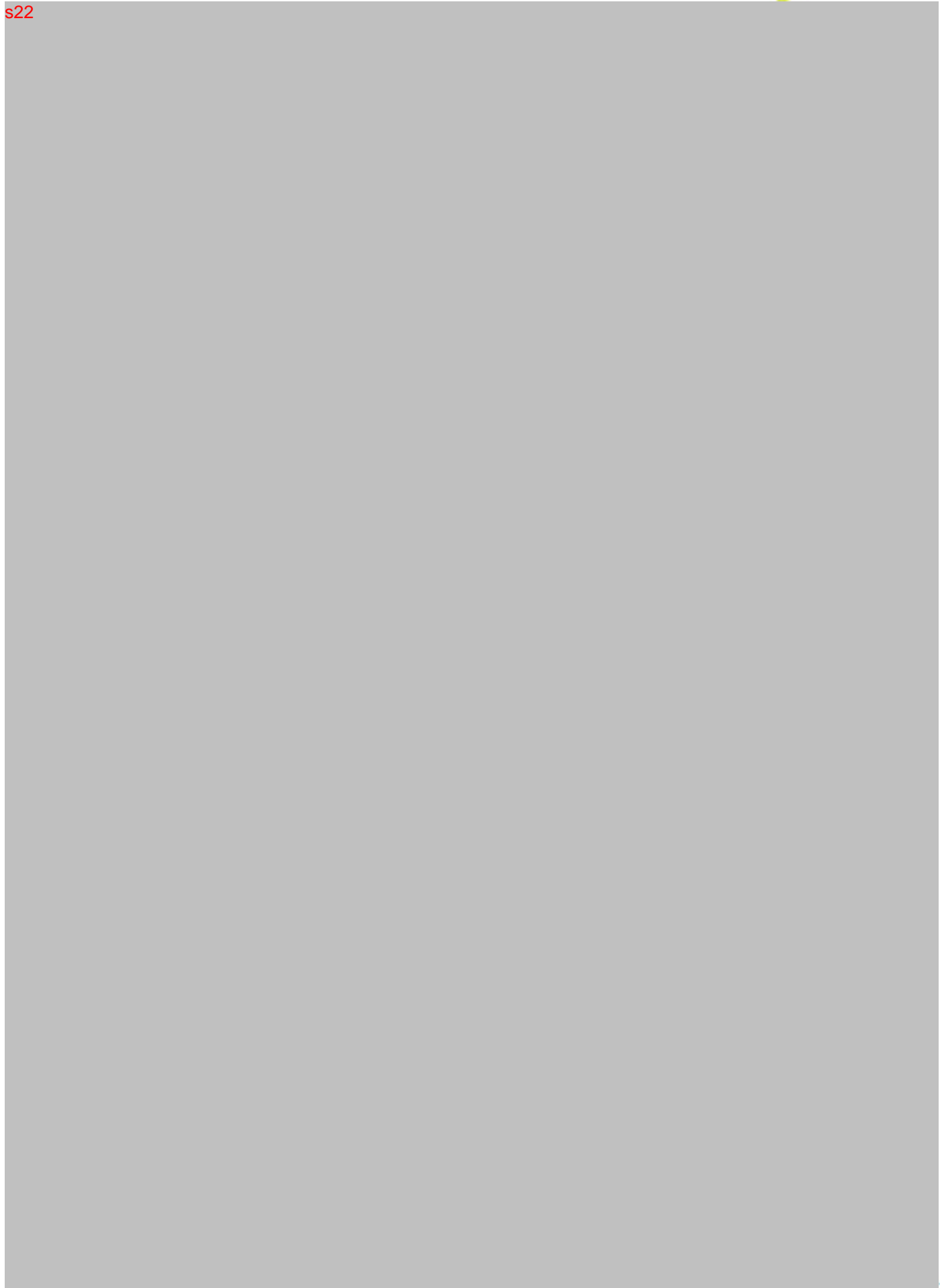
- Final business case estimated cost \$33.3M (ex-GST); and
- Approvals and capital works delivery \$620M (ex-GST \$2017)



s22



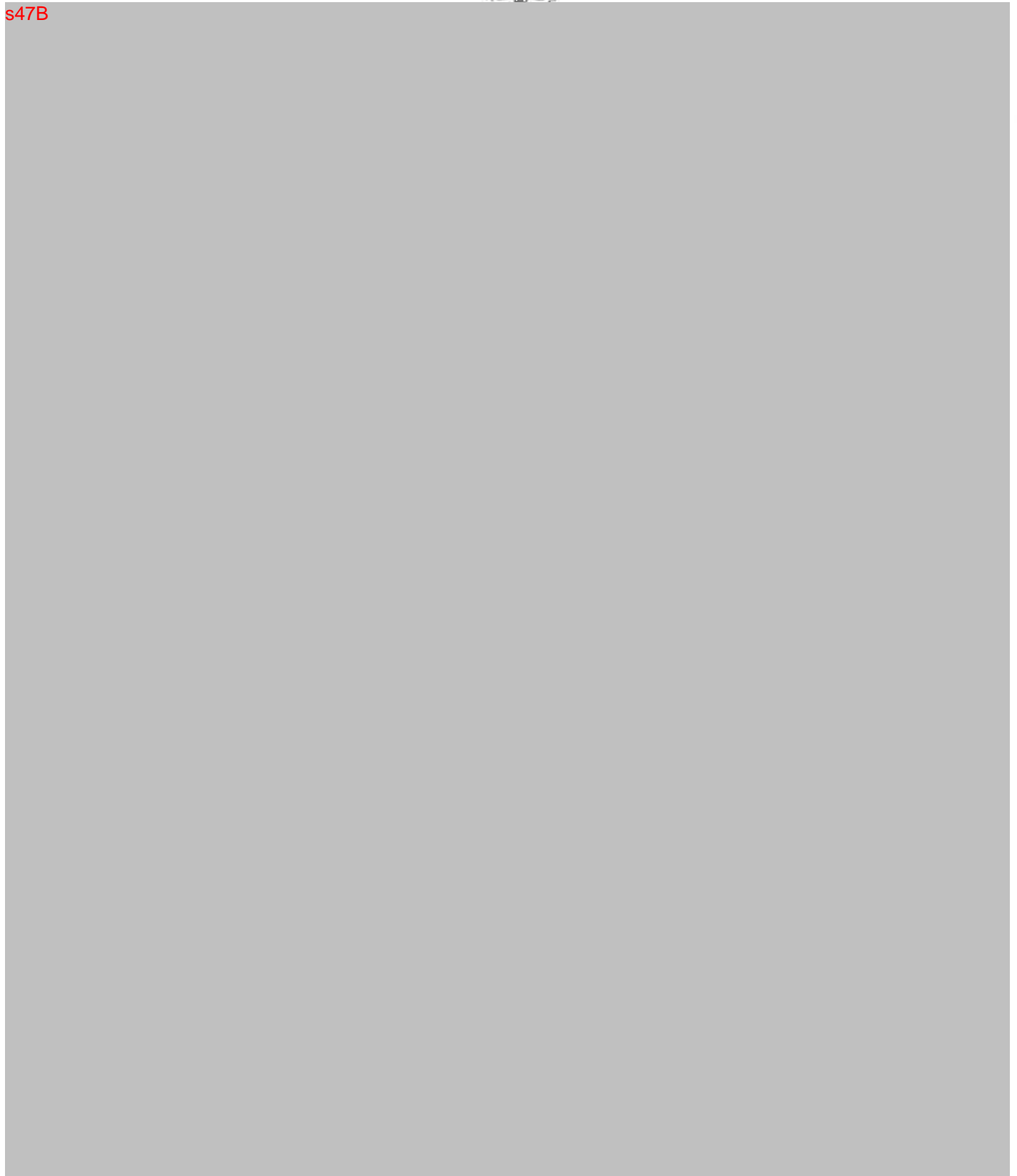
s22



s22



s47B





s47B







s22

**From:** s22  
**Sent:** Monday, 10 August 2020 4:09 PM  
**To:** s22  
**Subject:** FW: Wyangala Dam [SEC=OFFICIAL]

OFFICIAL

OFFICIAL

**From:** s22 @infrastructure.gov.au>  
**Sent:** Friday, 28 September 2018 11:57 AM  
**To:** s22 @infrastructure.gov.au>  
**Cc:** s22  
**Subject:** RE: Wyangala Dam [SEC=UNCLASSIFIED]

## Wyangala Dam

- Wyangala Dam, on the Lachlan River, is located about 50 kilometres south-east of Cowra in Central West NSW.
- The storage capacity of Wyangala Dam's is 1,217 gigalitres (GL), which is more than twice the volume of Sydney Harbour.
- On 28 September 2018 the dam storage level of Wyangala Dam was 54 per cent.
- The upgrade of Wyangala Dam, to increase storage capacity by 780 GL, is on the long list of options identified by the New South Wales Government in their 2017 "Lachlan Valley Water Security Project".
- The Lachlan Valley has been identified by the NSW Government as the first of four 'priority catchments' for the investment and delivery of critical water infrastructure projects in the next decade.
- The dam's purpose includes flood mitigation, hydro-power, irrigation, water supply and conservation. Wyangala Dam underpins the economic development of the Lachlan Valley as a major food producing region and supports irrigated agriculture around Cowra, Forbes, Condobolin and Hillston. It also supplies stock and household needs for landholders and towns along the Lachlan River.
- In 2010 the Wyangala Dam was one of seven dams, that were part of the NSW Government's \$350 million safety upgrades to ensure dams could withstand extreme weather conditions. The \$43 million Wyangala Dam upgrade included:
  - Raising the chute wall on the downstream spillway to ensure it can withstand the most extreme floods;
  - Raising the existing spillway radial gates 1.4m higher and installing a brake locking system to the gates; and,
  - Raising the dam crest by 1.8m by provision of an upstream parapet wall.

From: s22

Sent: Friday, 28 September 2018 10:11 AM

s22

Subject: FW: Wyangala Dam [SEC=UNCLASSIFIED]

Importance: High

What do we know?

From: s22

Sent: Friday, 28 September 2018 9:26 AM

To: s22 <[s22@infrastructure.gov.au](mailto:s22@infrastructure.gov.au)>

Subject: Wyangala Dam [SEC=UNCLASSIFIED]

Hi s22 the DPM is meeting with the Mayor of Cowra on Tuesday and I was after any information you had on a proposal to raise the Wyangala Dam wall. My understanding it is mainly a discussion being had at a state level – but any information you could provide would be of much assistance.

Many thanks,

s22

s22

Office of the Hon Michael McCormack MP  
Deputy Prime Minister  
Minister for Infrastructure, Transport and Regional Development  
Leader of The Nationals  
Federal Member for Riverina

s22

MG41, Parliament House | Canberra ACT 2600  
Suite 2, 11-15 Fitzmaurice Street | Wagga Wagga NSW 2650

s22

24

---

**From:** s22  
**Sent:** Tuesday, 18 September 2018 9:15 AM  
**To:** s22  
**Subject:** RE: Water projects from NSW [SEC=UNCLASSIFIED]

s22

**From:** s22  
**Sent:** Monday, 17 September 2018 7:44 PM  
**To:** s22  
**Cc:**  
**Subject:** FW: Water projects from NSW [SEC=UNCLASSIFIED]

Hi s22

s22

s22

Other long-term infrastructure options developed to address water supply security and reliability in the Lachlan Valley include:

- Raising Wyangala Dam by 10m at a cost of \$650 million.

s22



s22



s22



Thanks

s22



---

**From:** s22  
**Sent:** Monday, 17 September 2018 7:35 PM  
**To:** s22 [infrastructure.gov.au](mailto:infrastructure.gov.au)>  
**Subject:** Water projects from NSW [SEC=UNCLASSIFIED]





**From:** s22  
**Sent:** Friday, 28 September 2018 4:52 PM  
**To:** s22  
**Subject:** FW: Wyangala Dam [SEC=UNCLASSIFIED]

**From:** s22  
**Sent:** Friday, 28 September 2018 2:33 PM  
**To:** s22  
**Cc:**  
**Subject:** FW: Wyangala Dam [SEC=UNCLASSIFIED]

Hi s22

Info we can find.

### Wyangala Dam

- Wyangala Dam, on the Lachlan River, is located about 50 kilometres south-east of Cowra in Central West NSW.
- The storage capacity of Wyangala Dam's is 1,217 gigalitres (GL), which is more than twice the volume of Sydney Harbour.
- On 28 September 2018 the dam storage level of Wyangala Dam was 54 per cent.
- New South Wales Government in their 2017 "Lachlan Valley Water Security Project" publication identified the upgrade of Wyangala Dam, to increase storage capacity by 780 GL, as one of several projects that could increase water supply in the Lachlan Valley.
- The Lachlan Valley has been identified by the NSW Government as the first of four 'priority catchments for the investment and delivery of critical water infrastructure projects in the next decade.'
- The dam's purpose includes flood mitigation, hydro-power, irrigation, water supply and conservation.
- The Wyangala Dam underpins the economic development of the Lachlan Valley as a major food producing region and supports irrigated agriculture around Cowra, Forbes, Condobolin and Hillston.
- In 2010 the Wyangala Dam was one of seven dams, that were part of the NSW Government's \$350 million safety upgrades program to ensure that dams could withstand extreme weather events
- The \$43 million Wyangala Dam upgrade included:
  - Raising the chute wall on the downstream spillway to ensure it can withstand the most extreme flood events;
  - Raising the existing spillway radial gates by 1.4m and installing a brake locking system to the gates; and,
  - Raising the effective dam crest by 1.8m by provision of an upstream parapet wall.

NSW officials have not raised this dam in our discussion.

s22

**From:** s22  
**Sent:** Friday, 28 September 2018 9:26 AM  
**To:** s22 [infrastructure.gov.au](mailto:infrastructure.gov.au)>  
**Subject:** Wyangala Dam [SEC=UNCLASSIFIED]

Hi s47B the DPM is meeting with the Mayor of Cowra on Tuesday and I was after any information you had on a proposal to raise the Wyangala Dam wall. My understanding it is mainly a discussion being had at a state level – but any information you could provide would be of much assistance.

Many thanks,

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Office of the Hon Michael McCormack MP  
Deputy Prime Minister  
Minister for Infrastructure, Transport and Regional Development  
Leader of The Nationals  
Federal Member for Riverina

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