

BRIEF - For

Ref: BM12/1259

SUBJECT: Lake Tuggeranong Stormwater Reticulation Scheme - Options Brief

To: Minister for Tourism, Sport and Recreation

- Director-General, Economic Development Directorate
- Executive Director, Tourism, Events and Sport

From: Director, Sport and Recreation Services

Date: July 2012

Critical Date and Reason

To seek confirmation that the Lake Tuggeranong Stormwater Reticulation Scheme will not proceed any further at this stage in response to the draft Secondary water use in the ACT report released by the Independent Competition and Regulatory Commission (ICRC) on 14 May 2012.

Purpose

Seek agreement to cease progress of the Lake Tuggeranong Stormwater Reticulation Scheme and provide you with alternative projects to expend funding in accordance with the original *Where Will We Play* vision and the revised *Sportsground Sustainability: Progress Report* approved by you in November 2011.

Background

The Where Will We Play strategy was developed in 2007 in response to the likely introduction of Stage 4 water restrictions in the ACT at the time. Whilst Stage 4 water restrictions were avoided, the threat highlighted the dependency of the sports industry on potable water to support sporting operations.

SRS was provided with \$16.0 million in 2008/09 (\$8.0 million) and 2009/10 (\$8.0 million) to progress the vision detailed in *Where Will We Play*. This was considered seed funding as the necessary planning and design studies were yet to be commissioned. A number of key planning activities were undertaken by SRS, including:

- Water Management Plan for ACT Sportsgrounds Finalised in May 2009 by Parsons Brinckerhoff (PB). This report recommended the progression of a stormwater reticulation scheme from Lake Tuggeranong as a priority.
- Synthetic Sport Surface Feasibility Study Finalised in July 2008 by the Smart Connection Company. This report highlighted options for use of synthetic grass technologies in the ACT.
- Best Use Modelling Project (BUMP) Review Finalised in July 2008 by the Sports Turf Institute (New Zealand), this diagnostic review benchmarked and provided

- practical recommendations to assist SRS and other venue managers to plan for future usage levels and maintenance of priority sportsgrounds in the ACT.
- ACT Sports Fields System Efficiency and Condition Audit Finalised in May 2009 by the Sport Turf Institute (Australia), this report completed a review of old irrigation systems at priority SRS sportsgrounds to assess the co-efficient of uniformity.

Informed by the Water Management Plan for ACT Sportsgrounds (finalised in May 2009), the development of a stormwater harvesting and reticulation scheme from Lake Tuggeranong was identified as a priority project for progression in accordance with the *Where Will We Play* strategy. SRS acknowledged that this project should be undertaken in partnership with other ACT Government agencies responsible for the delivery of stormwater projects in Canberra (at that time – DECCEW and ACTPLA). It was recognised, that the Lake Tuggeranong Stormwater Reticulation Scheme should be considered under the auspices of the Canberra Integrated Urban Waterways Project (CIUWP).

GHD (project consultant) was engaged to undertake a Feasibility Study to further investigate the viability to construct a stormwater reticulation scheme from Lake Tuggeranong. The Feasibility Study was completed in January 2011 and confirmed that a scheme was viable and could be constructed in stages. Stage 1 would provide the necessary infrastructure (pump station, reticulation pipes and onsite tanks) to irrigate 26 hectares at an approximate cost of \$10.3 million. Priority sportsgrounds to be connected as part of Stage 1 include Kambah District Playing Fields 1, 2 and 3 and Wanniassa District Playing Fields 1 and 2.

In order to progress the project as soon as possible, the Lake Tuggeranong Stormwater Reticulation Scheme was split into the following two projects:

- Construction of onsite tanks and pump stations (contract value \$5.3 million GST exclusive); and
- Construction of stormwater reticulation network (pretender estimate was \$4.0 million).

Full details of the projects are at Attachment A.

Sportsground Sustainability: Progress Report - November 2011

As a result of the drought breaking rain in 2010, the easing of water restrictions and the progression of ACTEW's three major water security projects, the need for all sportsgrounds in the ACT to have a non potable water source to guarantee sporting operations was reviewed. In recognising the changing landscape you approved the release of the *Sportsground Sustainability: Progress Report* in November 2011 that softened the previous vision detailed in the *Where Will We Play* strategy.

Issues

ICRC Draft Report - Secondary Water Use in the ACT

The ICRC released the draft *Secondary water use in the ACT report* on 14 May 2012. Draft recommendation 7.3 (page 90) of the report details the following:

"The commission recommends that the ACT Government limit the Canberra Integrated Urban Waterway Project (CIUWP) to the Inner North pilot stormwater reticulation project".

As a result of the above recommendation, the ICRC is therefore also recommending that the proposed Lake Tuggeranong Stormwater Reticulation Scheme should not proceed at this time. This was reinforced as the clear intent at a meeting between SRS and the ICRC on 22 May 2012. The tender for the construction of the Lake Tuggeranong Stormwater

Reticulation Scheme had been publicly advertised and was due to close on 24 May 2012. In light of the ICRC draft report, the tender process was terminated on 17 May 2012.

Whilst the onsite tanks at the Kambah and Wanniassa District Playing Fields have been designed and constructed to accommodate the provision of stormwater from Lake Tuggeranong, the assets can still be utilised with potable water only. The provision of the onsite tanks/pumps will support SRS to irrigate more efficiently and improve the quality of the playing surfaces. Without the provision of onsite tanks/pumps, the ACTEW potable water system generally provides insufficient water pressure to support best practice irrigation practices, which leads to water wastage.

Should the Lake Tuggeranong Stormwater Reticulation Scheme not proceed at this time, the tanks and supporting infrastructure at each of the sportsgrounds could be connected to any future stormwater scheme.

Consultation

SRS met with the President of the Tuggeranong Community Council (TCC) in June 2011 to discuss the broad objectives of the Lake Tuggeranong Stormwater Reticulation Scheme. As a result of this meeting, SRS prepared a newsletter article that was included in the TCC Newsletter - August 2011 edition. The President of TCC indicated his support for the project, noting that it was largely replicating similar infrastructure utilised to irrigate the Gordon District Playing Fields from Point Hut Pond.

Financial

Of a total \$16.0 million funding provided to SRS to progress the vision detailed in *Where Will We Play*, approximately \$7.5 million has been expended or committed to date, including the following priority projects:

- Conversion of Hawker Enclosed Oval to a synthetic grass through a grant to Capital Football;
- Construction of onsite tanks and pump stations at Kambah and Wanniassa District Playing Fields; and
- Feasibility, design and construction superintendence for the proposed Lake Tuggeranong Stormwater Reticulation Scheme;
- Design of onsite tank/pump systems for Kambah and Wanniassa District Playing Fields.

Should the construction of the Lake Tuggeranong Stormwater Reticulation Scheme not be progressed, approximately \$8.5 million of the original Where Will We Play funding appropriation could be redirected to other projects.

Alternative Projects - Where Will We Play Funding

Alternate projects for consideration that are consistent with the original funding appropriation are detailed at <u>Attachment B</u>.

Media

Given that the construction of the onsite tanks and pump stations has recently been completed, members of the public or the media may seek further information regarding the status of the proposed Lake Tuggeranong Stormwater Reticulation Scheme. TCC may also seek an update on the progression of the proposed stormwater reticulation scheme in follow up to the article published in its August 2011 newsletter.

RECOMMENDATION

That you:

 Agree that the construction of the proposed Lake Tuggeranong Stormwater Reticulation Scheme will not be progressed at this time in accordance with the ICRC draft Secondary water use in the ACT report;

AGREED/NOT AGREED/PLEASE DISCUSS

 Agree to support the redirection of existing Where Will We Play funding to construct the onsite tanks and pump stations at Southwell Park (Lyneham Precinct), Hackett Neighbourhood Oval and Downer Neighbourhood Oval to support the provision of stormwater to priority SRS sportsgrounds from the Inner North Stormwater Reticulation Scheme that is currently being constructed by ESDD;

AGREED/NOT AGREED/PLEASE DISCUSS

 Agree to commission a study to investigate the feasibility to convert an athletics track on the southside of Canberra to a synthetic surface; and

AGREED/NOT AGREED/PLEASE DISCUSS

Name: Jenny Priest

Andrew Barr MLA ANDOW Jan 17/7/12

Action Officer: David Jeffrey (x74389)

Attachment A

Breakdown of Lake Tuggeranong Stormwater Reticulation Scheme Project

Construction of onsite tanks and pump stations

The design of the stormwater reticulation scheme requires large onsite storage tanks to be constructed at each sportsground to support stormwater being pumped from Lake Tuggeranong at low pressure (trickle feed) to support the necessary sportsground irrigation requirements. The construction of the onsite tanks and supporting infrastructure (e.g. pump house and pumps) at Kambah 1, Kambah 2, Kambah 3 and the Wanniassa District Playing Fields was completed in April 2012 (contract value \$5.8 million – GST inclusive).

o Construction of stormwater reticulation network

The design for the stormwater reticulation network from Lake Tuggeranong was completed in late 2011 and a Development Application was lodged in early 2012. This portion of the project involves the construction of the main pump station and supporting infrastructure on the eastern side of Lake Tuggeranong and laying the reticulation network (pipes) that will be connected to the onsite tanks at each of the SRS sportsgrounds (Kambah and Wanniassa District Playing Fields). The pretender estimate to construct the stormwater reticulation scheme was \$4.0 million.

Attachment B

Alternate Projects - Where Will We Play Funding

Inner North Stormwater Reticulation Scheme

SRS recommends capital funding be redirected to construct onsite tanks and pump stations at Southwell Park, Hackett Neighbourhood Oval and Downer Neighbourhood Oval to support the provision of stormwater to these sportsgrounds.

The Inner North Stormwater Reticulation Scheme is currently under construction by ESDD and has been designed to provide stormwater to the nominated sportsgrounds. The construction of the tanks and supporting infrastructure is currently estimated to cost \$4.0 million and could be absorbed within the existing Where Will We Play funding appropriation that remains unallocated (\$8.5 million).

The economic viability of the Inner North Stormwater Reticulation Scheme as a pilot project will be compromised if the SRS sportsgrounds are not connected to this scheme. Without onsite tanks at these sportsgrounds, the proposed utility operator (TAMSD) will have a diminished capacity to cover operational costs as a result of reduced water sales.

Southside Synthetic Athletics Track Study

Commission a study to investigate options to upgrade an existing athletics track on the southside of Canberra to an all weather synthetic surface. Any potential redevelopment would need to be undertaken in consultation with the priority sport stakeholders.

The establishment of an ACT synthetic athletics track was detailed as a priority in ACT Little Athletics Facility Plan developed in 2009. Whilst a synthetic athletics facility is detailed in the Stromlo Forest Park Master Plan, the likelihood and timing to provide such a facility at this location is yet to be determined.

Subject to confirming the cost to construct the tanks/pump stations for the Inner North Stormwater Reticulation Scheme, approximately \$4.5 million could be allocated to the construction of a synthetic athletics track. The associated study to look at the feasibility of converting an existing athletics track on the southside of Canberra to a synthetic surface will provide a cost estimate to assist in quantifying the cost for such a project.

COMPLETED



DJ. For File JP 2017

Date due with Minister's Office

29/6 06/7/2012 Date due
with DG Office
at least 2 working days
before Minister's Office

28/6/2012

Tracking Numbers

BM12/1342

Any other critical date and reason

Subject: Legislative Assembly QON E12-111 - Where We Will Play

Reply to correspondence from: N/A

Contact Officer: David Jeffrey

Phone: 74389

Cleared by Director: Jenny

Date: 27/6/12

Cleared by Executive Director: Shane O'

Cleared by email

Cleared by Director-General: David Dawes

Date:

Date: 1 7 12

Estimates - QoN No. E12-111



LEGISLATIVE ASSEMBLY FOR THE AUSTRALIAN CAPITAL TERRITORY

SELECT COMMITTEE ON ESTIMATES 2012-2013

ANSWER TO QUESTION ON NOTICE

STEVE DOSZPOT MLA: To ask the Minister for Tourism Sports & Recreation

Ref., BP3, p 220 Project Rollovers and re-profiling

In relation to : Where we will play initiative

- (1) Why has this initiative's completion date drifted out yet again
- (2) What is now or still included in the program?
- (3) What 'planning and scoping issues ' have caused the delays?

ANDREW BARR MLA: The answer to the Member's question is as follows:-

- (1) The initiative's completion date changed due to further work being required in relation to the design and submission of a Development Application for the proposed Lake Tuggeranong Stormwater Reticulation Scheme. As a result of the Independent Competition and Regulatory Commission (ICRC) draft Secondary water use in the ACT report, which was released on the 14 May 2012, the construction of the proposed Lake Tuggeranong Stormwater Reticulation Scheme has been deferred.
- (2) The construction of onsite tanks and pump stations at the Kambah and Wanniassa District Playing Fields has been completed, which will provide adequate onsite pressure to irrigate these sportsgrounds in accordance with best practice irrigation practices and reduce water wastage. The onsite tanks have been designed and can be connected to any future stormwater scheme.

Further onsite tanks and pump stations will be constructed at Southwell Park, Hackett Neighbourhood Oval and Downer Neighbourhood to support these sportsgrounds being connected to the Inner North Stormwater Reticulation Scheme. A study to investigate the feasibility to convert Woden Park to all weather synthetic athletics track will also be progressed in 2012-13.

(3) Further planning issues that have caused delays relate to finalisation of the design and submission of a Development Application for the Lake Tuggeranong Stormwater Reticulation Scheme and the change of scope to no longer construct the Lake Tuggeranong Stormwater Reticulation Scheme, consistent with the draft *ICRC Secondary water use in the ACT* report.

Approved for circulation to the Select Committee on Estimates 2012-2013

Date: 13.7.12

By the Minister for Tourism, Sport and Recreation, Andrew Barr MLA

Priest, Jenny

Sent:

Monday, 21 May 2012 10:02 AM

To:

Goth, Kathy

Cc:

Beer, Christopher; Jeffrey, David

Subject:

RE: ICRC Secondary water use - Draft report

Kathy

As discussed, happy for you guys to attend the meeting.

Will forward the invite.

Jenny

Jenny Priest | Director Phone 02 62072070

Sport and Recreation Services | Economic Development | ACT Government
Ground Floor Annex, 220 Northbourne Avenue, Braddon, ACT | PO Box 147, Civic Square, ACT 2608
http://www.economicdevelopment.act.gov.au/sport and recreation/

From: Goth, Kathy

Sent: Monday, 21 May 2012 9:45 AM

To: Priest, Jenny

Cc: Beer, Christopher; Jeffrey, David

Subject: FW: ICRC Secondary water use - Draft report

Hi Jenny

Could Chris Beer and I attend the meeting with the ICRC tomorrow as well?

Thanks

Kathy Goth Senior Manager Land Policy Economic Development Directorate (Mon - Thurs)

02 6207 8891

From: Stewart, Daniel

Sent: Sunday, 20 May 2012 6:35 PM

To: Hudson, Catherine; Goth, Kathy; Beer, Christopher **Subject:** FW: ICRC Secondary water use - Draft report

Cathy - Policy should be part of this discussion.

Dan

From: Priest, Jenny

Sent: Friday, 18 May 2012 5:27 PM

To: Thorman, Rob; Pirani, Yuka; Reynolds, Chris; Stewart, Daniel; O'Leary, Shane; Thomson, Ian; McNulty, Hamish;

Ellis, Grea

Cc: MACC; Bogiatzis, Patti; Power, Rod; Jeffrey, David; Richardson, Dave; Paynter, Patrick; Lewis, Paul; Gordon,

Tom; Clarke, Liz (EPIC); Bell, Jeff

Subject: RE: ICRC Secondary water use - Draft report

Thanks Rob

SRS has a meeting scheduled with the ICRC and ESDD next Tuesday, to discuss the implications of the draft report on our Tuggeranong Project.

David Jeffrey from SRS has had the running of our Tuggeranong stormwater reticulation project. Stage 1 of the project (installation of tanks) is already complete.

We had gone to tender for the reticulation scheme a week or so before the report was released, but made a decision this week to stop that process, pending the outcome of our discussions with the ICRC and the final ICRC report.

SRS would be keen to make a contribution if there is to be an EDD co-ordinated response to the draft report.

Regards

Jenny

Jenny Priest | Director Phone 02 62072070

Sport and Recreation Services | Economic Development | **ACT Government**Ground Floor Annex, 220 Northbourne Avenue, Braddon, ACT | PO Box 147, Civic Square, ACT 2608
http://www.economicdevelopment.act.gov.au/sport and recreation/

From: Thorman, Rob

Sent: Friday, 18 May 2012 3:49 PM

To: Pirani, Yuka; Reynolds, Chris; Stewart, Daniel; O'Leary, Shane; Thomson, Ian; McNulty, Hamish; Ellis, Greg **Cc:** MACC; Bogiatzis, Patti; Power, Rod; Jeffrey, David; Priest, Jenny; Richardson, Dave; Paynter, Patrick; Lewis,

Paul; Gordon, Tom; Clarke, Liz (EPIC); Bell, Jeff

Subject: RE: ICRC Secondary water use - Draft report

Yuka

A number of us received the report last week (included in attached email) and have started to review. The recommendations have implications for several areas in the Directorate particularly LDA and Sport and Rec but also EPIC and potentially tourism and events.

I'm sure a number of parts of the Directorate will want to contribute to a written submission. I've included some of the people I can think of with an interest in the area in this email.

The report takes a very narrow view of water focussing on the cost of delivery without adequate consideration of other values such as recreational use or water quality. Draft Recommendation 4.1 for example is that there should be no further secondary water investments. This would potentially impact on proposed Sport and Rec projects (eg in Tuggeranong) and on non potable water use in new estates.

It is interesting that this sort of approach contradicts the approach and recommendations in the Report on the state of the watercourses and Catchments for Lake Burley Griffin (Link attached) which was released by Commissioner for Sustainability and the Environment last month, as demonstrated by Rec 7 below.

http://www.envcomm.act.gov.au/investigations/lake burley griffin investigation

Recommendations on urban catchment management

- 7. The ACT Government should develop a strategic approach to WSUD. This should include:
 - a) Identifying sites where installing catchment intervention, such as wetlands and pollution control ponds, would improve water quality entering Lake Burley Griffin. This should include:
 - i. initial feasibility studies into the construction of pollution control ponds or wetlands on the Yarralumla drainage line and Jerrabomberra Creek should be undertaken. Any installations should be designed to be of an appropriate size to treat the catchment area they service.
 - ii. identifying WSUD that complement current programs of installing wetlands and water control ponds in both new urban areas and retrofitting in existing suburbs where applicable.
 - b) Ensuring that WSUD requirements are enforced in particular;
 - ensuring that wetlands and ponds are of appropriate sizes to service their catchments; and
 - undertaking auditing/compliance arrangements to ensure that temporary pollution control ponds for sediment control during the construction phase in new estates are maintained and functioning effectively.

Rob Thorman | Sustainability and Innovation Land Development Agency Phone: 02 62075602

----Original Message----

From: Pirani, Yuka

Sent: Friday, 18 May 2012 10:36 AM

To: Reynolds, Chris; Stewart, Daniel; O'Leary, Shane; Thomson, Ian; McNulty, Hamish;

Thorman, Rob; Ellis, Greg

Cc: MACC; Bogiatzis, Patti; Power, Rod

Subject: ICRC Secondary water use - Draft report

Hi all

You would recall meeting with ICRC regarding secondary water use in the ACT. The draft report is now available here (http://www.icrc.act.gov.au/whatsnew).

The written submissions are due 12 June 2012. I am not aware of any request for input into Whole of Government submission. Please let me know whether EDD needs to make a written submission or not.

Regards, Yuka

Yuka Pirani | Executive Officer to David Dawes Phone 02 6205 3143 | Fax 02 6205 0386 Economic Development Directorate | ACT Government Level 7 TransACT House, 470 Northbourne Ave, Dickson | GPO Box 158 Canberra ACT 2601 | www.economicdevelopment.act.gov.au

Priest, Jenny

Sent:

Wednesday, 16 May 2012 3:35 PM

To:

Jeffrey, David

Subject:

RE: Canberra Integrated Water Ways Part B Stage 1

DJ

In the circumstances of the release of the ICRC draft report earlier this week, and associated media reflecting their intent, I think it would be prudent for us to cease the tender process at this point.

As discussed, I note you are setting up a meeting with the ICRC to discuss the implications of their draft report, given progress to date on the Tuggeranong Scheme.

Thanks

Jenny

Jenny Priest | Director Phone 02 62072070 Sport and Recreation Services

Sport and Recreation Services | Economic Development | ACT Government
Ground Floor Annex, 220 Northbourne Avenue, Braddon, ACT | PO Box 147, Civic Square, ACT 2608
http://www.economicdevelopment.act.gov.au/sport and recreation/

From: Jeffrey, David

Sent: Tuesday, 15 May 2012 3:08 PM

To: Priest, Jenny

Subject: FW: Canberra Integrated Water Ways Part B Stage 1

Jenny,

Please see advice from Peter Tait (Procurement Solutions) below. Can you please indicate your support to cease the tender process.

Cheers,

David Jeffrey

A/g Deputy Director

Sport and Recreation Services | Economic Development Directorate | ACT Government

Ground Floor Annex, 220 Northbourne Avenue, Braddon, ACT, 2612

Phone: 02 6207 4389

From: Tait, Peter

Sent: Tuesday, 15 May 2012 2:27 PM

To: Jeffrey, David

Subject: Canberra Integrated Water Ways Part B Stage 1

David

This project is currently out to tender, closing 24 May 2012.

Code of tender Clause 6.2.1 states, "Having called tenders, the Principal recognizes the commitment to proceed with the project." In view of the ICRC draft report, doubt exists at this stage as to whether the Principal (ACT Government) can give this commitment. On this basis I recommended that the tender process cease.

Regards

Peter Tait

Tait, Peter

Sent:

Thursday, 17 May 2012 7:08 AM

To:

Christina.West@ghd.com

Cc: Subject: Jeffrey, David; Garside, Jack; Gilles, Jennie FW: Canberra Integrated Water Ways Part B Stage 1

Christina

Could you please issue an addendum this morning terminating the tender process for this project.

Regards

Peter Tait

From: Jeffrey, David

Sent: Wednesday, 16 May 2012 4:04 PM

To: Tait, Peter

Cc: Priest, Jenny; Gilles, Jennie; Murray, Chris; Garside, Jack; Ashcroft, Brian; O'Leary, Shane

Subject: FW: Canberra Integrated Water Ways Part B Stage 1

Hi Peter,

Can you please cease the tender process for the Lake Tuggeranong Stormwater Reticulation Scheme (Part B – Stage 1).

I will advise you if there is any change as a result of our meeting with the ICRC next week.

Regards,

David Jeffrey

A/g Deputy Director

Sport and Recreation Services | Economic Development Directorate | ACT Government Ground Floor Annex, 220 Northbourne Avenue, Braddon, ACT, 2612

Phone: 02 6207 4389 |

From: Tait, Peter

Sent: Tuesday, 15 May 2012 2:27 PM

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Peter Tait

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Wednesday, 16 May 2012 4:04 PM

To:

Tait, Peter

Cc:

Priest, Jenny; Gilles, Jennie; Murray, Chris; Garside, Jack; Ashcroft, Brian; O'Leary,

Shane

Subject:

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Regards,

David Jeffrey

A/g Deputy Director

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Peter Tait