

**Schedule 2.2(a)(ii)**

via email: **Schedule 2.2(a)(ii)**

Dear **Schedule 2.2(a)(ii)**

**FREEDOM OF INFORMATION REQUEST**

I refer to your application under section 30 of the Freedom of Information Act 2016 (the Act), received by Major Projects Canberra (MPC) on 22 February 2021, in which you sought access to:

1. *All documents and correspondence between 1<sup>st</sup> Jan 2020 – 30<sup>th</sup> June 2020 to and from the ACT Property Group in relation to the Gungahlin Leisure Centre and its pools, in particular the issues with the 50-metre pool, including:*
  - *information about problems with pool,*
  - *costings to fix the pool,*
  - *the work which has been done to date to fix the pool and by whom,*
  - *which experts and other people have been engaged to do work and give advice and other information about the pool, and how much that advice and work has cost,*
  - *any timeline about how long the work will take and when work may start and finish,*
  - *any information about whether the pool will reopen,*
  - *any discussion about if the 50m pool might never reopen and other options that have been considered, such as building a new pool, closing the pool indefinitely.*
2. *All documents and correspondence for the period of 1<sup>st</sup> Jan 2020 – 30<sup>th</sup> June 2020 from and to the ACT Property Group in relation to the Gungahlin Leisure Centre and its pools, in particular the issues with the 50-metre pool (including the dot points above).*
3. *All documents and correspondence for the period of 1<sup>st</sup> Jan 2020 – 30<sup>th</sup> June 2020 from and to the Gungahlin Leisure Centre about its 50-metre pool.*
4. *All documentation and correspondence to and from Sports Minister Yvette Berry about the Gungahlin Leisure Centre and its pools, in particular the issues with the 50-metre pool, for the period of 1<sup>st</sup> Jan 2020 – 30<sup>th</sup> June 2020.*
5. *All documentation and correspondence between 1<sup>st</sup> Jan 2020 – 30<sup>th</sup> June 2020 to and from Chief Minister Barr about the Gungahlin Leisure Centre and its pools, in particular the issues with the 50-metre pool.*
6. *Any documentation between Minister Berry and Chief Minister Barr about Gungahlin Leisure Centre in the period of 1<sup>st</sup> Jan 2020 – 30<sup>th</sup> June 2020.*

**Authority**

I am an Information Officer appointed by the Chief Projects Officer under section 18 of the Act to deal with access application made under Part 5 of the Act.

## Timeframes

On 14 April 2021 you received a Notice of Decision letter informing you that I had decided to defer access to nine (9) documents that an affected third party had objected to disclosure. The third party had 20 working days to apply to the ACT Ombudsman for a review of my decision

The third party review period expired on 13 May 2021. The third party did not request a review of my decision.

## Third Party Consultation

In making this decision, I completed consultation in accordance with section 38 of the Act. The views of all third parties were considered when making this decision.

## Decision on access

I have included at **Attachment A** to this decision the schedule of relevant documents that were previously withheld. This provides a description of each document that falls within the scope of your request and the access decision for each of those documents. **Attachment B** includes all the documents previously withheld.

In addition to documents already released to you, I have decided to provide access to the nine (9) documents in part which were identified as withheld in my Notice of Decision to you on 14 April 2021.

## Materials considered

In reaching my access decision, I have taken the following into account:

- the Act; and
- the content of the documents that fall within the scope of your request.

## Online Publishing – Disclosure Log

Under section 28 of the Act MPC maintains an official online record of access applications called a disclosure log. Your original access application and my decision will be published in the MPC disclosure log between three (3) and ten (10) days after the date of the decision. Your personal contact details will not be published. You may view the MPC disclosure log at <https://www.act.gov.au/majorprojectscanberra>.

## Ombudsman Review

My decision on your access request is a reviewable decision as identified in Schedule 3 of the Act. You have the right to seek Ombudsman review of this outcome under section 73 of the Act within 20 working days from the day that my decision is published in the MPC disclosure log, or a longer period allowed by the Ombudsman.

If you wish to request a review of my decision you may write to the Ombudsman at:

The ACT Ombudsman  
GPO Box 442  
CANBERRA ACT 2601

Via email: [actfoi@ombudsman.gov.au](mailto:actfoi@ombudsman.gov.au)

ACT Civil and Administrative Tribunal (ACAT) Review

Under section 84 of the Act, if a decision is made under section 82(1) on an Ombudsman review, you may apply to ACAT for review of the Ombudsman decision. Further information may be obtained from the ACAT at:

ACT Civil and Administrative Tribunal  
Level 4, 1 Moore Street  
GPO Box 370  
CANBERRA CITY ACT 2601

Telephone: (02) 6207 1740  
<http://www.acat.act.gov.au>

Should you have any queries in relation to your request, please contact the FOI team on (02) 6205 5288 or send an email to [MPCFOI@act.gov.au](mailto:MPCFOI@act.gov.au) with the subject heading MPCFOI2020/17.

Yours sincerely,

Schedule 2.2(a)(ii)

Damon Hall  
Information Officer  
Major Project Canberra

14 May 2021

## FREEDOM OF INFORMATION REQUEST SCHEDULE

Please be aware that under the *Freedom of Information Act 2016*, some of the information provided to you will be released to the public through the ACT Government's Open Access Scheme. The Open Access release status column of the table below indicates what documents are intended for release online through open access.

Personal information or business affairs information will not be made available under this policy. If you think the content of your request would contain such information, please inform the contact officer immediately.

Information about what is published on open access is available online at: <https://www.act.gov.au/majorprojectscanberra/home>

| FOI Reference Number | Request Details   |
|----------------------|---|
| MPCFOI2021/01        | <ol style="list-style-type: none"> <li>1. <i>All documents and correspondence in 2020 to and from the ACT Property Group in relation to the Gungahlin Leisure Centre and its pools, in particular the issues with the 50 metre pool, including:</i> <ul style="list-style-type: none"> <li>• <i>information about problems with pool,</i></li> <li>• <i>costings to fix the pool,</i></li> <li>• <i>the work which has been done to date to fix the pool and by whom,</i></li> <li>• <i>which experts and other people have been engaged to do work and give advice and other information about the pool, and how much that advice and work has cost,</i></li> <li>• <i>any timeline about how long the work will take and when work may start and finish,</i></li> <li>• <i>any information about whether the pool will reopen,</i></li> <li>• <i>any discussion about if the 50m pool might never reopen and other options that have been considered, such as building a new pool, closing the pool indefinitely.</i></li> </ul> </li> <li>2. <i>All documents and correspondence for the period of 1<sup>st</sup> Jan 2020 – 30<sup>th</sup> June 2020 from and to the ACT Property Group in relation to the Gungahlin Leisure Centre and its pools, in particular the issues with the 50 metre pool (including the dot points above).</i></li> <li>3. <i>All documents and correspondence for the period of 1<sup>st</sup> Jan 2020 – 30<sup>th</sup> June 2020 from and to the Gungahlin Leisure Centre about its 50 metre pool.</i></li> <li>4. <i>All documents and correspondence for the period of 1<sup>st</sup> Jan 2020 – 30<sup>th</sup> June 2020 from and to the Gungahlin Leisure Centre about its 50 metre pool.</i></li> <li>5. <i>All documentation and correspondence to and from Sports Minister Yvette Berry about the Gungahlin Leisure Centre and its pools, in particular the issues with the 50 metre pool, for the period of 1<sup>st</sup> Jan 2020 – 30<sup>th</sup> June 2020.</i></li> <li>6. <i>All documentation and correspondence for 2020 to and from Chief Minister Barr about the Gungahlin Leisure Centre and its pools, in particular the issues with the 50 metre pool.</i></li> </ol> |

| 7. Any documentation between Minister Berry and Chief Minister Barr about Gungahlin Leisure Centre in the period of 1 <sup>st</sup> Jan 2020 – 30 <sup>th</sup> June 2020. |               |             |                 |         |   |
|--|---------------|-------------|-----------------|---------|---|
| Ref No.  | No. of Folios | Description | Date            | Status  | Reason for non-release or partial release |
| 1.   | 1-6           | Email       | 9-12 June 2020  | Partial | S2.2(a)ii – personal privacy              |
| 2.   | 7-15          | Email       | 22-23 June 2020 | Partial | S2.2(a)ii – personal privacy              |
| 3.   | 16            | Email       | 9 June 2020     | Partial | S2.2(a)ii – personal privacy              |
| 4.   | 17-20         | Email       | 11-18 June 2020 | Partial | S2.2(a)ii – personal privacy              |
| 5.   | 21-22         | Email       | 9 June 2020     | Partial | S2.2(a)ii – personal privacy              |
| 6.   | 23-24         | Email       | 12 June 2020    | Partial | S2.2(a)ii – personal privacy              |
| 7.   | 25-33         | Email       | 22-23 June 2020 | Partial | S2.2(a)ii – personal privacy              |
| 8.   | 34-40         | Email       | 11-18 June 2020 | Partial | S2.2(a)ii – personal privacy              |
| 9.   | 41-44         | Email       | 11-22 June 2020 | Partial | S2.2(a)ii – personal privacy              |
| <b>Total Number of Documents</b>   |               |             |                 |         |   |
| 9  |               |             |                 |         |   |

**From:** [redacted]  
**To:** [Hooper, Richard](#)  
**Cc:** [redacted]; [Power, Rebecca](#); [Clarke, Liz](#); [De Boni, Andrew](#); [Voysey, Grant](#); [Croser, Sam](#); [Binks, Richard](#); [McNamara, Conor](#); [Halstead, Grant](#); [redacted]  
**Subject:** RE: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]  
**Date:** Friday, 12 June 2020 5:55:59 AM  
**Attachments:** [image001.png](#)  
[image002.jpg](#)  
[image003.jpg](#)  
[image241975.jpg](#)  
[image405685.jpg](#)

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Richard,

In reply, we have arranged for the surveyor to attend. We are still awaiting confirmation of timing for this. We have also stressed the urgency on their attendance.

With respect to the Boom removal, this is something that I will need to engage Ceramic Solutions for, as they were the installers for this Boom. I will discuss this with them today.

I will look into the rendered works today with my guys and confirm the process.  
I will be in touch through the day.

Regards

[redacted] | Commercial Construction Manager  
[redacted]  
**T:** (02) 9875 4555  
**F:** (02) 9484 1019  
[redacted]

[crystalpools.com.au](http://crystalpools.com.au)



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---

**From:** Hooper, Richard [<mailto:Richard.Hooper@act.gov.au>]  
**Sent:** Thursday, 11 June 2020 5:33 PM  
**To:** [redacted]; [Power, Rebecca](#); [Clarke, Liz](#); [De Boni, Andrew](#); [Voysey, Grant](#); [Croser, Sam](#); [Binks, Richard](#); [McNamara, Conor](#); [Halstead, Grant](#); [redacted]  
**Subject:** RE: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]

Hi [redacted]

Thank you, I understand the Surveyor is attending site tomorrow and after they have taken their

measurements, we will commence with draining the pool.

During my visit today we took a series of measurement along the length of the pool on both sides and found a difference of between 8-10mm with the concourse seating being on the higher side, whilst our measurements may not be 100% accurate, the two attached photographs show the flow over the edge tiles when we restarted the filtration system.

Photograph 143601 was taken on the concourse seating side and shows a small trickle.

Photograph 143453 taken opposite and next to the cracked floor tiles, shows the water flowing at a greater rate. Indicating this side is lower.

I have been advised the render repairs to the LTS will take a week to dry before we can tile. The render we used on last year's repairs, could be tiled within a few hours. We are keen to get the LTS up and running ASAP another week may cause further delays.

To allow a full inspection of the 50 metre pool once drained, the boom will have to be removed from the pool, please can you advise on the removal methodology.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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---

**From:** **Schedule 2.2(a)(ii)**

**Sent:** Thursday, 11 June 2020 7:11 AM

**To:** Hooper, Richard <Richard.Hooper@act.gov.au>

**Cc:** **Schedule 2.2(a)(ii)** Power, Rebecca

<Rebecca.Power@act.gov.au>; Clarke, Liz <Liz.Clarke@act.gov.au>; De Boni, Andrew

<Andrew.deBoni@act.gov.au>; Voysey, Grant <Grant.Voysey@act.gov.au>; Croser, Sam

<Sam.Croser@act.gov.au>; Binks, Richard <Richard.Binks@act.gov.au>; McNamara, Conor

<Conor.McNamara@act.gov.au>; Halstead, Grant <Grant.Halstead@act.gov.au>; **Schedule 2.2(a)(ii)**

**Schedule 2.2(a)(ii)**

**Subject:** RE: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]

Richard,

In reply, we will contact the surveyor we have been using for Stromlo and try to get them on site ASAP to both measure length/ width of 50M Pool.

We will also request a series of RL's taken around the water's edge of 50M & LTS/ Leisure pools.

We will confirm through the day, once we have made contact.

Regards

Commercial Construction Manager

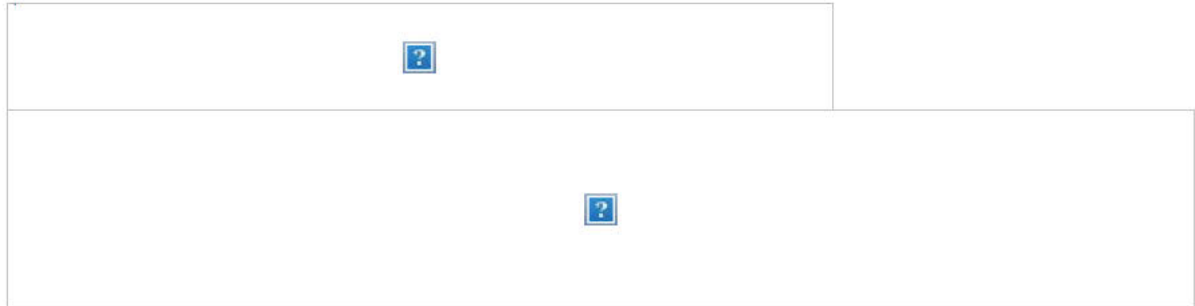
Schedule 2.2(a)(ii)

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**From:** Hooper, Richard [<mailto:Richard.Hooper@act.gov.au>]

**Sent:** Wednesday, 10 June 2020 6:16 PM

**To:** Schedule 2.2(a)(ii)

Power, Rebecca; Clarke, Liz; De Boni, Andrew; Voysey, Grant; Croser, Sam; Binks, Richard; McNamara, Conor; Halstead, Grant

**Subject:** RE: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]

Hi Schedule 2.2(a)

Further to our discussion, I would confirm that Crystal Pools will engage a Surveyor to conduct a survey to measure the pool whilst full and then another survey once drained. The survey will establish any differential movement in the pool structure.

We will be available tomorrow to allow access for the Surveyor.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | Schedule 2.2(a)(ii) | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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---

**From:** Hooper, Richard

**Sent:** Wednesday, 10 June 2020 4:22 PM

**To:** Schedule 2.2(a)(ii)



**Cc:** **Schedule 2.2(a)(ii)** Power, Rebecca  
<[Rebecca.Power@act.gov.au](mailto:Rebecca.Power@act.gov.au)>; Clarke, Liz <[Liz.Clarke@act.gov.au](mailto:Liz.Clarke@act.gov.au)>; De Boni, Andrew  
<[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>; Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>; Croser, Sam  
<[Sam.Croser@act.gov.au](mailto:Sam.Croser@act.gov.au)>; Binks, Richard <[Richard.Binks@act.gov.au](mailto:Richard.Binks@act.gov.au)>; McNamara, Conor  
<[Conor.McNamara@act.gov.au](mailto:Conor.McNamara@act.gov.au)>; Halstead, Grant <[Grant.Halstead@act.gov.au](mailto:Grant.Halstead@act.gov.au)>  
**Subject:** RE: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]

Hi **Schedule 2.2(a)**,

Attached is the marked up drawing from the divers' inspection today. It would appear that a significant area of wall and floor tiles have failed.

Whilst we don't know what the cause is without further investigations, it's evident these repairs cannot be completed underwater due to the sheer number of tiles that need replacing. The pool will need to be drained to allow for further structural investigations before we can commence any repairs.

Firstly, can you confirm we commence with draining the pool now. Secondly we need to understand what has caused this failure and develop an investigation plan, going forward.

I look forward to hearing from you shortly.

Regards,

**Richard Hooper** | Senior Director  
Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)  
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**From:** Hooper, Richard  
**Sent:** Tuesday, 9 June 2020 6:18 PM  
**To:** **Schedule 2.2(a)(ii)**  
; Power, Rebecca  
<[Rebecca.Power@act.gov.au](mailto:Rebecca.Power@act.gov.au)>; Clarke, Liz <[Liz.Clarke@act.gov.au](mailto:Liz.Clarke@act.gov.au)>; De Boni, Andrew  
<[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>; Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>; Croser, Sam  
<[Sam.Croser@act.gov.au](mailto:Sam.Croser@act.gov.au)>; Binks, Richard <[Richard.Binks@act.gov.au](mailto:Richard.Binks@act.gov.au)>; McNamara, Conor  
<[Conor.McNamara@act.gov.au](mailto:Conor.McNamara@act.gov.au)>; Halstead, Grant <[Grant.Halstead@act.gov.au](mailto:Grant.Halstead@act.gov.au)>  
**Subject:** RE: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]

Hi **Schedule 2.2(a)**,

I can confirm the heating is off and the pool temperature is currently sitting at 12 degrees, which it's been for the past few weeks. As discussed, we will get the diver to inspect tomorrow and advise on the extent of the damage.

Brad Fong attended site today and advised we keep the pool full to effect the repair underwater,

the pool would need to be warmed up for the underwater adhesives to be used. Happy for you to discuss further with [redacted], please advise of any outcomes from your discussion.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | [redacted] | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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---

**From:** [redacted]

**Sent:** Tuesday, 9 June 2020 5:54 PM

**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>

**Cc:** [redacted] Power, Rebecca

<[Rebecca.Power@act.gov.au](mailto:Rebecca.Power@act.gov.au)>; Clarke, Liz <[Liz.Clarke@act.gov.au](mailto:Liz.Clarke@act.gov.au)>; De Boni, Andrew

<[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>; Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>; Croser, Sam

<[Sam.Croser@act.gov.au](mailto:Sam.Croser@act.gov.au)>; Binks, Richard <[Richard.Binks@act.gov.au](mailto:Richard.Binks@act.gov.au)>; McNamara, Conor

<[Conor.McNamara@act.gov.au](mailto:Conor.McNamara@act.gov.au)>

**Subject:** Re: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]

Richard

Without having seen the tile failure, other than the image you attached, this cannot be an installation issue. You will not get the widespread type of tile Failure that this centre is currently experiencing.

We will need to arrange for an inspection of this pool.

Is the heating in this pool on or off?

Can someone check the water temp?

[redacted]

[redacted]

[redacted] Commercial Construction Manager

[redacted]

T: (02) 9875 4555

F: (02) 9484 1019

[redacted]

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On 9 Jun 2020, at 4:56 pm, Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)> wrote:

Afternoon **Schedule 2.2(a)(ii)**,

Unfortunately this afternoon, I have been informed of a subsequent failure to the 50 metre pool, which has effected the pool floor and wall at deep end to the northern side of the pool.

It would appear the tiles have failed in an opposite direction to what we have previously experienced!

Your early thoughts would be appreciated.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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<image001.png>

<image002.png>

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<IMG\_0511.jpg>

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**From:** Schedule 2.2(a)(ii)  
**Sent:** Tuesday, 23 June 2020 7:08 AM  
**To:** Hooper, Richard  
**Cc:** De Boni, Andrew; Voysey, Grant; Halstead, Grant; Croser, Sam; Schedule 2.2(a)(ii)  
**Subject:** RE: Program pool [SEC=UNCLASSIFIED]

Richard,

I believe you have been speaking to Schedule 2.2(a)(ii)  
I think Schedule 2.2(a)(ii) will be able to point you in the right direction.  
We are re-instating the render using a slightly different process today, than the process we used to install render 6+ years ago. We are now using a notched skim coat using Tile adhesive prior to re-application of the Laticrete render. This is one step we have introduced in trying to combat potential issues like this.

The render is typically the weak point in the current application of products in Gungahlin, so it is naturally the failure point. It is not necessarily the cause!  
Hope that makes sense.

Regards

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**From:** Hooper, Richard [mailto:Richard.Hooper@act.gov.au]  
**Sent:** Monday, 22 June 2020 5:39 PM  
**To:** Schedule 2.2(a)(ii)  
**Cc:** De Boni, Andrew; Voysey, Grant; Halstead, Grant; Croser, Sam; Schedule 2.2(a)(ii)  
**Subject:** RE: Program pool [SEC=UNCLASSIFIED]

Hi [redacted],

Thank you for confirming the rendering is as specified. If a pool is to be shut down every 5 years for maintenance, inspection, repairs or renewing of the sealant joints as recommended, the structure will dry out. What I don't understand is why the render is failing during this drying process, surely the design of a pool should allow for expansion and contraction under these circumstances without any substrate failures. For the render to separate away from the concrete substrate there must be something that is causing this separation, surface preparation, reaction between the concrete and render due to the water environment, who knows. The risk to the ACT government is that once we have the pools at Gungahlin up and running, will we experience the same problems in 5 years.

We need to work together to establish the root cause/causes of these problems to eliminate the risk of any future failures. Can you advise of anyone expert in this field that we can engage.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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---

**From:** **Schedule 2.2(a)(ii)**

**Sent:** Monday, 22 June 2020 3:35 PM

**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>

**Cc:** De Boni, Andrew <[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>; Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>; Halstead, Grant <[Grant.Halstead@act.gov.au](mailto:Grant.Halstead@act.gov.au)>; Croser, Sam <[Sam.Croser@act.gov.au](mailto:Sam.Croser@act.gov.au)>; **Schedule 2.2(a)(ii)**

**Subject:** RE: Program pool [SEC=UNCLASSIFIED]

Richard,

In reply, I have been given the news a short while ago.

I can confirm that ALL render the has been used and installed in ALL of Crystal Pools commercial pools since 1998 has been Laticrete 3701 render.

I can also confirm that the pool walls were prepared and the material supplied and installed in accordance to the spec.

I would also like to acknowledge that the current tile have been identified as drummy, were in fact identified as solid only last week by the same person or persons that have carried out the inspections.

This has been a growing problem, and we have attempted to work with this since the start of the issue.

I do not believe that the cause of the issue was loose render, as the first wall that was removed had NO render on it.

I believe, that as time has gone on and the pool has been drying out and changing, the stress is causing the render to fail, which ultimately leads to tile failure as well.

My guys on site are keeping me abreast of the activities and we will continue to strive towards the correct repair.

Regards

**Schedule 2.2(a)(ii)**

**Schedule 2.2(a)(ii)**

**T:** (02) 9875 4555

**F:** (02) 9484 1019

**Schedule 2.2(a)(ii)**



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**From:** Hooper, Richard [<mailto:Richard.Hooper@act.gov.au>]  
**Sent:** Monday, 22 June 2020 2:52 PM  
**To:** Schedule 2.2(a)(xiii)  
**Cc:** De Boni, Andrew; Voysey, Grant; Halstead, Grant; Croser, Sam; Schedule 2.2(a)(ii)  
**Subject:** FW: Program pool [SEC=UNCLASSIFIED]

Hi Schedule 2.2(a),

I have been advised this afternoon that there are subsequent tiles, identified by your tiler that are still failing in the LTS pool along the seating area. Please can you contact your tiler to establish the number of tiles that will need replacing and if the render needs replacing too.

Below is an extract from the tender specification for the render coat to the pool walls. Can you confirm if the original render is in accordance with the specification?

**6. RENDER COATS TO POOL WALLS**

**6.1 Render**

End walls of the 51.5m pool must be rendered to achieve correct dimensional tolerances. If necessary to meet tolerances both end walls must be rendered. The long walls of this pool must also be rendered if necessary to meet tolerances on straightness and/or alignment at water level at no additional cost.

Render coats must comprise Laticrete 226 Thick Bed Mortar Mix (powder) gauged with Laticrete 3701 Group and Mortar Admix (liquid) or must comprise a 4:1 sand cement render mix in accordance with BS5385:Part 2 with Laticrete 3701, or other prior approved additive.

Sand must be clean sharp sand from an approved source.

All concrete surfaces to receive render must be at least 42 days old and must be thoroughly cleaned by high pressure water blasting to remove all laitance, dirt and other debris, loose particles and the like that could affect the render bond to the concrete substrate.

The cleaned surfaces must be approved in writing prior to application of any render coats.

The render coats must be mixed and applied over an initial dash coat laid over clean concrete surfaces in strict accordance with the manufacturers' instructions and with the general requirements of BS5385 Part 4- *Code of practice for tiling and mosaics in specific conditions*. The render must be applied while the dash coat is still tacky if so recommended by Laticrete.

Render in excess of 15 mm must be applied in two coats with the first coat combed (or scratched) prior to hardening so as to promote bonding of the subsequent layer.

The top coat must be given a wood float finish when bedding adhesives are to be used but must be lightly combed or scratched if a cement/sand bedding mortar is to be used.

The maximum total applied thickness of any unreinforced render must be 20mm.

All rendering must be finished and cured in strict accordance with the additive manufacturer's written specification. All rendering must be true, free of crazing and/or drumminess and firmly bonded to the background. All rendering must be finished to line and level within 2mm of true position. The maximum gap behind a 2m straightedge laid anywhere on the rendering must be 3mm.

All rendering will be tested for soundness upon completion and any render that fails the test must be removed and made good at no additional cost.

#### **6.2 Tolerances - Render**

The finished render must comply with the following tolerances, assuming a 25mm thickness for the tiles plus adhesive plus render on the 51.5m pool end walls and a 10mm thickness for tiles plus adhesive on all other walls; ie. at least 50mm longer than the finished pool tile length and at least 20mm larger than finished tiled width.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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---

**From:** De Boni, Andrew

**Sent:** Monday, 22 June 2020 2:19 PM

**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>

**Subject:** Program pool











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**From:** Schedule 2.2(a)(ii)  
**To:** [Hooper, Richard](#)  
**Cc:** [Voysey, Grant](#); [De Boni, Andrew](#)  
**Subject:** RE: No Labour -GLC [SEC=UNCLASSIFIED]  
**Date:** Tuesday, 9 June 2020 10:34:10 AM  
**Attachments:** [image001.png](#)  
[image031338.jpg](#)  
[image537170.jpg](#)

---

Richard,  
Sorry I missed your call.

The boys are in Canberra. Maybe they went to Stromlo first.  
They are there.

Schedule 2.2(a)(ii) | Commercial Construction Manager

Schedule 2.2(a)(ii)

T: (02) 9875 4555

F: (02) 9484 1019

Schedule 2.2(a)(ii)

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**From:** Hooper, Richard [mailto:[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)]

**Sent:** Tuesday, 9 June 2020 10:00 AM

**To:** Schedule 2.2(a)(ii)

**Cc:** [Voysey, Grant](#); [De Boni, Andrew](#)

**Subject:** No Labour -GLC [SEC=UNCLASSIFIED]

Hi Schedule 2.2(a)(ii)

I have been informed no one from Crystal Pools are on site as it was agreed with the YMCA that they would require access at 6:30am this morning.

Just checking everyone is okay and what time they will be there.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | Schedule 2.2(a)(ii) | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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**From:** [Hooper, Richard](#)  
**To:** [De Boni, Andrew](#); [Voysey, Grant](#)  
**Cc:** [Halstead, Grant](#)  
**Subject:** FW: Gungahlin Leisure centre - pool asbuilts [SEC=UNCLASSIFIED]  
**Date:** Thursday, 18 June 2020 8:51:59 AM  
**Attachments:** [image003.png](#)  
[image004.jpg](#)  
[image005.jpg](#)  
[image001.png](#)

---

FYI

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | [Schedule 2.2\(a\)\(ii\)](#) | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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---

**From:** [Schedule 2.2\(a\)\(ii\)](#)  
**Sent:** Thursday, 18 June 2020 8:43 AM  
**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>  
**Cc:** [Schedule 2.2\(a\)\(ii\)](#)  
**Subject:** FW: Gunghalin Leisure centre - pool asbuilts

Richard,

FYI.

We should get this info today.

Regards

[Schedule 2.2\(a\)\(ii\)](#) | Commercial Construction Manager

[Schedule 2.2\(a\)\(ii\)](#)

T: [\(02\) 9875 4555](tel:(02)98754555)

F: [\(02\) 9484 1019](tel:(02)94841019)

[Schedule 2.2\(a\)\(ii\)](#)

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**From:** Schedule 2.2(a)(ii) [REDACTED]  
**Sent:** Thursday, 18 June 2020 7:30 AM  
**To:** Schedule 2.2(a)(ii) [REDACTED]  
**Subject:** RE: Gunghalin Leisure centre - pool asbuilts

Hello [REDACTED],

All the survey work was completed on Tuesday. I am just in the process of finalising the as-built plan with our drafter and will have it to you today.

Kind regards,

Schedule 2.2(a)(ii) [REDACTED]  
**Construction Survey Manager (ACT)**  
(BSurv)

**Geosurv Pty Ltd**  
**p:** 1300 554 675 [REDACTED]  
[REDACTED] **w:** [geosurv.com.au](http://geosurv.com.au)



---

**From:** Schedule 2.2(a)(ii) [REDACTED]  
**Sent:** Thursday, 18 June 2020 5:54 AM  
**To:** Schedule 2.2(a)(ii) [REDACTED]  
**Subject:** RE: Gunghalin Leisure centre - pool asbuilts

Hi [REDACTED],

How did you go with the site survey at Gunghalin, how soon can I get the asbuilt information?

Regards

Schedule 2.2(a)(ii) [REDACTED] | Construction Supervisor  
Schedule 2.2(a)(ii) [REDACTED]  
**T:** (02) 9875 4555  
**F:** (02) 9484 1019

Schedule 2.2(a)(ii)

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**From:** Schedule 2.2(a)(ii)

**Sent:** Thursday, 11 June 2020 2:20 PM

**To:** Schedule 2.2(a)(ii)

**Subject:** Gunghalin Leisure centre - pool asbuilts

Hi [redacted],

Thanks for taking my call this morning, as discussed please attend Gunghalin Leisure centre as soon as practical, the sooner the better as works proceeding are dependent on the survey.

See attached sketches for asbuilts details:

- Lane lengths of both pools.
- A few widths on the 50m pool.
- Levels at the back of the finger grip tile along the length of the 50m pool on both sides and on both dive blocks.
- Levels at the back of the finger grip tile around the perimeter of the 25m and leisure pool.

**Job address is:**

Gunghalin Leisure centre  
71 The Valley Ave  
Gunghalin ACT

**Purchase order number:** 200640

Please confirm when you're going to site.  
If you require further details please ask.

Regards



Schedule 2.2(a)(ii) | Construction Supervisor

Schedule 2.2(a)(ii)

T: (02) 9875 4555

F: (02) 9484 1019

Schedule 2.2(a)(ii)

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**From:** [Piani, Adrian](#)  
**To:** [Edghill, Duncan](#)  
**Cc:** [Power, Rebecca](#); [Ross, Carolina](#)  
**Subject:** FW: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]  
**Date:** Tuesday, 9 June 2020 6:42:00 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[Brief to Minister Berry - Tile failure in the program pool at GLC.DOCX](#)

---

Hi Duncan,

This has just come through on another project.

IDP has been supporting ACTPG on the rectification of defects related to Gungahlin Pool (originally built in 2014).

There have been ongoing tile failures at the pool facility. The original contractors have been involved in the rectification works (ADCO and Crystal Pools).

Attached is a previous brief from CMTEDD on the matter which gives some background.

IDP are supporting CMTEDD in a new brief to the minister as there has been a continuation of the problems.

In summary, we are supporting CMTEDD (ACT Property Group) on the project, there is a plan to fix the current failures, but ongoing investigatory work would seem to be required, and further rectification works are possible.

Just thought I'd bring it to your attention in the first instance. It might be easiest for Rebecca to provide a verbal briefing first to get you across the issues quickly and to check how you would like to get involved in the briefing process?

Regards

Adrian

---

**From:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>

**Sent:** Tuesday, 9 June 2020 5:55 PM

**To:** Power, Rebecca <[Rebecca.Power@act.gov.au](mailto:Rebecca.Power@act.gov.au)>; Halstead, Grant <[Grant.Halstead@act.gov.au](mailto:Grant.Halstead@act.gov.au)>

**Cc:** McNamara, Conor <[Conor.McNamara@act.gov.au](mailto:Conor.McNamara@act.gov.au)>; Piani, Adrian <[Adrian.Piani@act.gov.au](mailto:Adrian.Piani@act.gov.au)>

**Subject:** RE: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]

Hi Rebecca,

ACTPG managed to get the pool Consultant from Stromlo out this afternoon, who has advised we keep the pool full and repair underwater.

The diver is going out tomorrow to establish the amount of tiles that have failed. Once the LTS pool is completed and full, both pools are heated to approximately 20 deg so the underwater adhesive will work to effect the repair.

Happy to catch up with Grant. I'm out on site tomorrow Thursday and Friday mornings. I have attached a copy of the ACTPG brief from last month for information.

We should receive the structural report on the pool concourse in the next few days.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | [Schedule 2.2\(a\)\(ii\)](#) | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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---

**From:** Power, Rebecca

**Sent:** Tuesday, 9 June 2020 5:16 PM

**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>; Halstead, Grant <[Grant.Halstead@act.gov.au](mailto:Grant.Halstead@act.gov.au)>

**Cc:** McNamara, Conor <[Conor.McNamara@act.gov.au](mailto:Conor.McNamara@act.gov.au)>; Piani, Adrian <[Adrian.Piani@act.gov.au](mailto:Adrian.Piani@act.gov.au)>

**Subject:** FW: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]

Hi Richard & Grant,

Noting all of the discussions today with regard to the pool and what appears to be multiple failure points, multiple failure types and possibly multiple reasons for these failures, the issue has been escalated to the Ministers office. As noted below, we now need to prepare a brief for the Minister. This is outside the role of the PAP, but squarely in the remit of IDP.

Richard – please bring Grant up to speed. He is the client manager for ACTPG and will need to lead the communication with the Ministers office. We had stretched the role of the PAP to a point as you were also the PM on the original delivery, but now we need to be reasonable to your workload.

Grant – please find the template and start to populate with the information Richard has on hand. We will be working with ACTPG on the brief.

Thanks

Regards

Rebecca

---

**From:** Clarke, Liz

**Sent:** Tuesday, 9 June 2020 5:01 PM

**To:** Power, Rebecca <[Rebecca.Power@act.gov.au](mailto:Rebecca.Power@act.gov.au)>

**Subject:** FW: Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]

Hi Rebecca

Shaun has asked that your area provide a briefing for the Minister regarding the issues and next steps.

Happy to have a chat – thanks – regards liz.

---

**From:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>

**Sent:** Tuesday, 9 June 2020 4:57 PM

**To:** **Schedule 2.2(a)(ii)**

**Cc:** Power, Rebecca <[Rebecca.Power@act.gov.au](mailto:Rebecca.Power@act.gov.au)>; Clarke, Liz <[Liz.Clarke@act.gov.au](mailto:Liz.Clarke@act.gov.au)>; De Boni, Andrew <[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>; Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>; Croser, Sam <[Sam.Croser@act.gov.au](mailto:Sam.Croser@act.gov.au)>; Binks, Richard <[Richard.Binks@act.gov.au](mailto:Richard.Binks@act.gov.au)>; McNamara, Conor <[Conor.McNamara@act.gov.au](mailto:Conor.McNamara@act.gov.au)>

**Subject:** Subsequent 50 Metre Pool Failure [SEC=UNCLASSIFIED]

Afternoon **Schedule 2.2(a)(ii)**,

Unfortunately this afternoon, I have been informed of a subsequent failure to the 50 metre pool, which has effected the pool floor and wall at deep end to the northern side of the pool.

It would appear the tiles have failed in an opposite direction to what we have previously experienced!

Your early thoughts would be appreciated.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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**From:** [Voysey, Grant](#)  
**To:** [Hooper, Richard](#); [De Boni, Andrew](#)  
**Subject:** RE: Crystal pools [SEC=UNCLASSIFIED]  
**Date:** Friday, 12 June 2020 4:38:21 PM  
**Attachments:** [image001.png](#)  
[image002.jpg](#)

---

UNCLASSIFIED

No problems.

Kind Regards

Grant

---

**From:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>  
**Sent:** Friday, 12 June 2020 4:09 PM  
**To:** Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>; De Boni, Andrew <[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>  
**Subject:** RE: Crystal pools [SEC=UNCLASSIFIED]

Hi Grant,

Nothing sinister. I spoke to [REDACTED] and Andrew.

[REDACTED] was advised by his chaps that the tile failure is ongoing and he wants to see for himself and will be on site Monday along with his renderer.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | [Schedule 2.2\(a\)\(ii\)](#) | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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**From:** Voysey, Grant  
**Sent:** Friday, 12 June 2020 3:59 PM  
**To:** De Boni, Andrew <[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>; Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>  
**Subject:** FW: Crystal pools

UNCLASSIFIED For-Official-Use-Only

FYI

Grant

---

**From:** Schedule 2.2(a)(ii)

**Sent:** Friday, 12 June 2020 10:06 AM

**To:** Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>

**Cc:** Schedule 2.2(a)(ii)

**Subject:** Crystal pools

Good Morning.

Just wanted to inform you that Crystal pools have packed up everything and told me that they are not sure when they are coming back.

They said because the render has failed in 3 spots that the boss has told them to stop work/ everything and pack up cause he won't be back next week.

They have hosed all the tiles and areas they did pull off down and tidy the area.

Thank you,

Schedule 2.2(a)(ii) | Operations Co-ordinator

**Gungahlin Leisure Centre** |

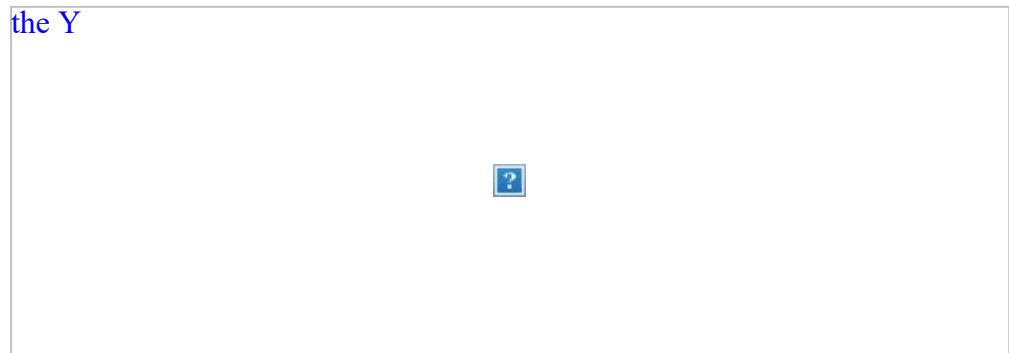
p 02 6241 1132

Schedule 2.2(a)(ii)

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*Y NSW acknowledges the Traditional Custodians of the lands we work upon and we pay our respects to all Aboriginal and Torres Strait Islander Peoples and their Elders – past, present and emerging.*

the Y



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**From:** Schedule 2.2(a)(ii)  
**Sent:** Tuesday, 23 June 2020 1:52 PM  
**To:** Hooper, Richard; Schedule 2.2(a)(ii)  
**Cc:** De Boni, Andrew; Voysey, Grant; Halstead, Grant; Croser, Sam; Schedule 2.2(a)(ii)  
**Subject:** RE: GLC [SEC=UNCLASSIFIED]

Richard,  
The likelihood of having tiling completed prior to 29<sup>th</sup> June is now unlikely, as each day there are more tiles identified as drummy and more tiles/ render that require work.  
As late as yesterday, we thought we had it all, only to find the tiling above the seat had now let go, and needs repairs. This will involve removal, prep, rendering, retiling etc.

It is very frustrating!  
Jointing can still be carried out, as much as is possible.  
Regards

Schedule 2.2(a)(ii) | Commercial Construction Manager

Schedule 2.2(a)(ii)  
T: (02) 9875 4555  
F: (02) 9484 1019  
Schedule 2.2(a)(ii)

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**From:** Hooper, Richard [mailto:Richard.Hooper@act.gov.au]  
**Sent:** Tuesday, 23 June 2020 1:32 PM  
**To:** Schedule 2.2(a)(ii)  
**Cc:** De Boni, Andrew; Voysey, Grant; Halstead, Grant; Croser, Sam; Schedule 2.2(a)(ii)  
**Subject:** RE: GLC [SEC=UNCLASSIFIED]

H Schedule 2.2(a)(ii)

Please can you advise on the following:

1. Moving the boom to a suitable position prior to emptying the pool, who's doing it and when?

2. We have arranged for the contractor to re-silicone the LTS pool and lagoon on 29 June 2020 will the tiling be completed and the pool cleaned by then?

An early response would be appreciated.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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---

**From:** **Schedule 2.2(a)(ii)**

**Sent:** Tuesday, 23 June 2020 7:08 AM

**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>

**Cc:** De Boni, Andrew <[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>; Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>; Halstead, Grant <[Grant.Halstead@act.gov.au](mailto:Grant.Halstead@act.gov.au)>; Croser, Sam <[Sam.Croser@act.gov.au](mailto:Sam.Croser@act.gov.au)>; **Schedule 2.2(a)(ii)**

**Subject:** RE: Program pool [SEC=UNCLASSIFIED]

Richard,

I believe you have been speaking to **Schedule 2.2(a)(ii)**

I think **Schedule 2.2(a)(ii)** will be able to point you in the right direction.

We are re-instating the render using a slightly different process today, than the process we used to install render 6+ years ago. We are now using a notched skim coat using Tile adhesive prior to re-application of the Laticrete render. This is one step we have introduced in trying to combat potential issues like this.

The render is typically the weak point in the current application of products in Gungahlin, so it is naturally the failure point. It is not necessarily the cause!

Hope that makes sense.

Regards

**Schedule 2.2(a)(ii)** | Commercial Construction Manager

**Schedule 2.2(a)(ii)**

**T:** (02) 9875 4555

**F:** (02) 9484 1019

**Schedule 2.2(a)(ii)**

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**From:** Hooper, Richard [<mailto:Richard.Hooper@act.gov.au>]

**Sent:** Monday, 22 June 2020 5:39 PM

**To:** Schedule 2.2(a)(ii)

**Cc:** De Boni, Andrew; Voysey, Grant; Halstead, Grant; Croser, Sam; Schedule 2.2(a)(ii)

**Subject:** RE: Program pool [SEC=UNCLASSIFIED]

Hi [redacted],

Thank you for confirming the rendering is as specified. If a pool is to be shut down every 5 years for maintenance, inspection, repairs or renewing of the sealant joints as recommended, the structure will dry out. What I don't understand is why the render is failing during this drying process, surely the design of a pool should allow for expansion and contraction under these circumstances without any substrate failures. For the render to separate away from the concrete substrate there must be something that is causing this separation, surface preparation, reaction between the concrete and render due to the water environment, who knows. The risk to the ACT government is that once we have the pools at Gungahlin up and running, will we experience the same problems in 5 years.

We need to work together to establish the root cause/causes of these problems to eliminate the risk of any future failures. Can you advise of anyone expert in this field that we can engage.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | Schedule 2.2(a)(ii) | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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**From:** Schedule 2.2(a)(ii)

**Sent:** Monday, 22 June 2020 3:35 PM

**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>

**Cc:** De Boni, Andrew <[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>; Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>; Halstead, Grant <[Grant.Halstead@act.gov.au](mailto:Grant.Halstead@act.gov.au)>; Croser, Sam <[Sam.Croser@act.gov.au](mailto:Sam.Croser@act.gov.au)>; Schedule 2.2(a)(ii)

**Subject:** RE: Program pool [SEC=UNCLASSIFIED]

Richard,

In reply, I have been given the news a short while ago.

I can confirm that ALL render the has been used and installed in ALL of Crystal Pools commercial pools since 1998 has been Laticrete 3701 render.

I can also confirm that the pool walls were prepared and the material supplied and installed in accordance to the spec.

I would also like to acknowledge that the current tile have been identified as drummy, were in fact identified as solid only last week by the same person or persons that have carried out the inspections.



This has been a growing problem, and we have attempted to work with this since the start of the issue. I do not believe that the cause of the issue was loose render, as the first wall that was removed had NO render on it. I believe, that as time has gone on and the pool has been drying out and changing, the stress is causing the render to fail, which ultimately leads to tile failure as well. My guys on site are keeping me abreast of the activities and we will continue to strive towards the correct repair. Regards

**Schedule 2.2(a)(ii)** | Commercial Construction Manager

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**F:** (02) 9484 1019

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**From:** Hooper, Richard [<mailto:Richard.Hooper@act.gov.au>]  
**Sent:** Monday, 22 June 2020 2:52 PM  
**To:** **Schedule 2.2(a)(ii)**  
**Cc:** De Boni, Andrew; Voysey, Grant; Halstead, Grant; Croser, Sam; **Schedule 2.2(a)(ii)**  
**Subject:** FW: Program pool [SEC=UNCLASSIFIED]

Hi **Schedule 2.2(a)**,

I have been advised this afternoon that there are subsequent tiles, identified by your tiler that are still failing in the LTS pool along the seating area. Please can you contact your tiler to establish the number of tiles that will need replacing and if the render needs replacing too.

Below is an extract from the tender specification for the render coat to the pool walls. Can you confirm if the original render is in accordance with the specification?

#### 6. RENDER COATS TO POOL WALLS 6.1 Render

End walls of the 51.5m pool must be rendered to achieve correct dimensional tolerances. If necessary to meet tolerances both end walls must be rendered. The long walls of this pool must also be rendered if necessary to meet tolerances on straightness and/or alignment at water level at no additional cost. Render coats must comprise Laticrete 226 Thick Bed Mortar Mix (powder) gauged with Laticrete 3701 Group and Mortar Admix (liquid) or must comprise a 4:1 sand cement render mix in accordance with BS5385:Part 2 with Laticrete 3701, or other prior approved additive. Sand must be clean sharp sand from an approved source.

All concrete surfaces to receive render must be at least 42 days old and must be thoroughly cleaned by high pressure water blasting to remove all laitance, dirt and other debris, loose particles and the like that could affect the render bond to the concrete substrate.

The cleaned surfaces must be approved in writing prior to application of any render coats.

The render coats must be mixed and applied over an initial dash coat laid over clean concrete surfaces in strict accordance with the manufacturers' instructions and with the general requirements of BS5385 Part 4- *Code of practice for tiling and mosaics in specific conditions*. The render must be applied while the dash coat is still tacky if so recommended by Laticrete.

Render in excess of 15 mm must be applied in two coats with the first coat combed (or scratched) prior to hardening so as to promote bonding of the subsequent layer.

The top coat must be given a wood float finish when bedding adhesives are to be used but must be lightly combed or scratched if a cement/sand bedding mortar is to be used.

The maximum total applied thickness of any unreinforced render must be 20mm.

All rendering must be finished and cured in strict accordance with the additive manufacturer's written specification.

All rendering must be true, free of crazing and/or drumminess and firmly bonded to the background. All rendering must be finished to line and level within 2mm of true position. The maximum gap behind a 2m straightedge laid anywhere on the rendering must be 3mm.

All rendering will be tested for soundness upon completion and any render that fails the test must be removed and made good at no additional cost.

### **6.2 Tolerances - Render**

The finished render must comply with the following tolerances, assuming a 25mm thickness for the tiles plus adhesive plus render on the 51.5m pool end walls and a 10mm thickness for tiles plus adhesive on all other walls; ie. at least 50mm longer than the finished pool tile length and at least 20mm larger than finished tiled width.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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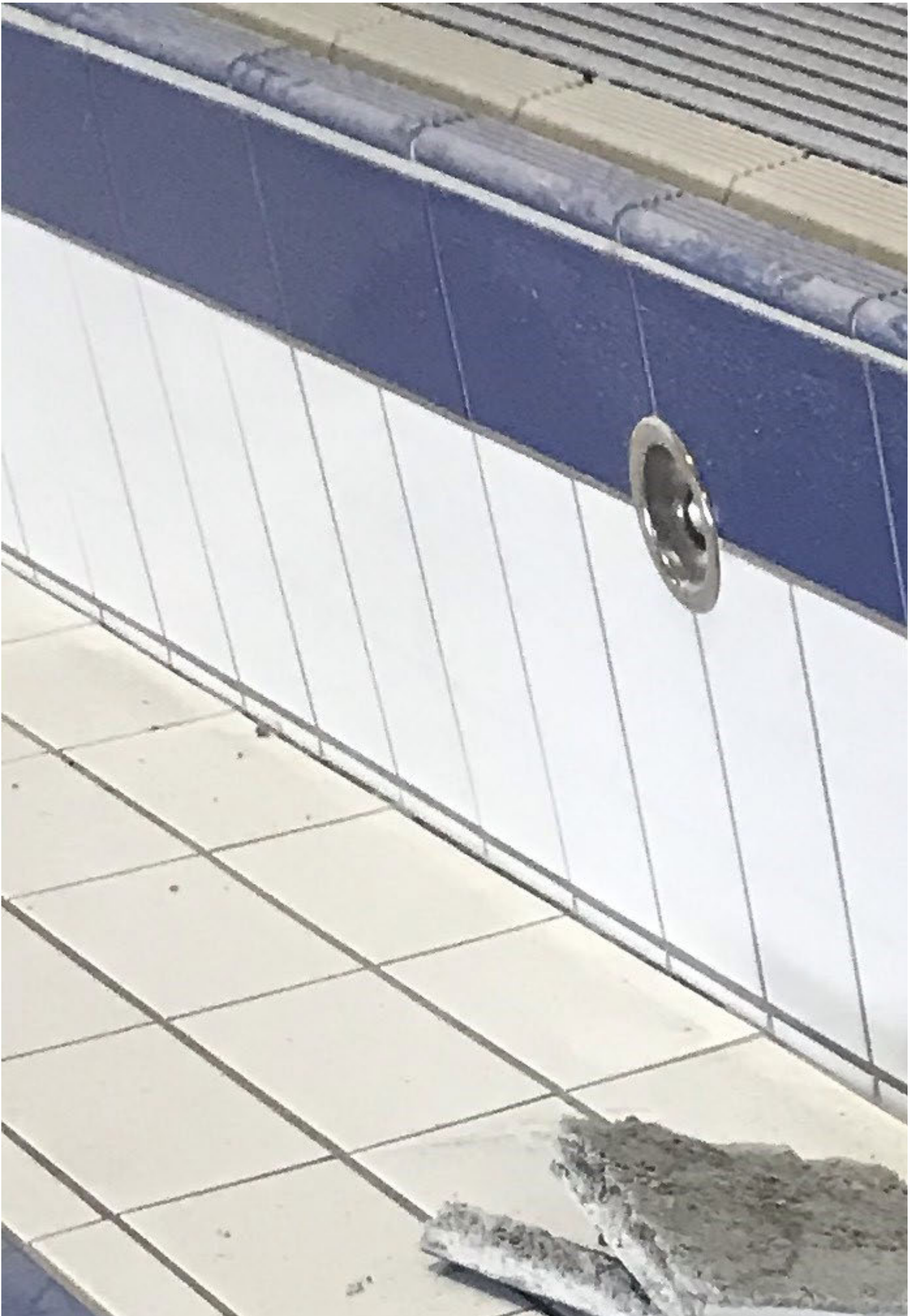
**From:** De Boni, Andrew

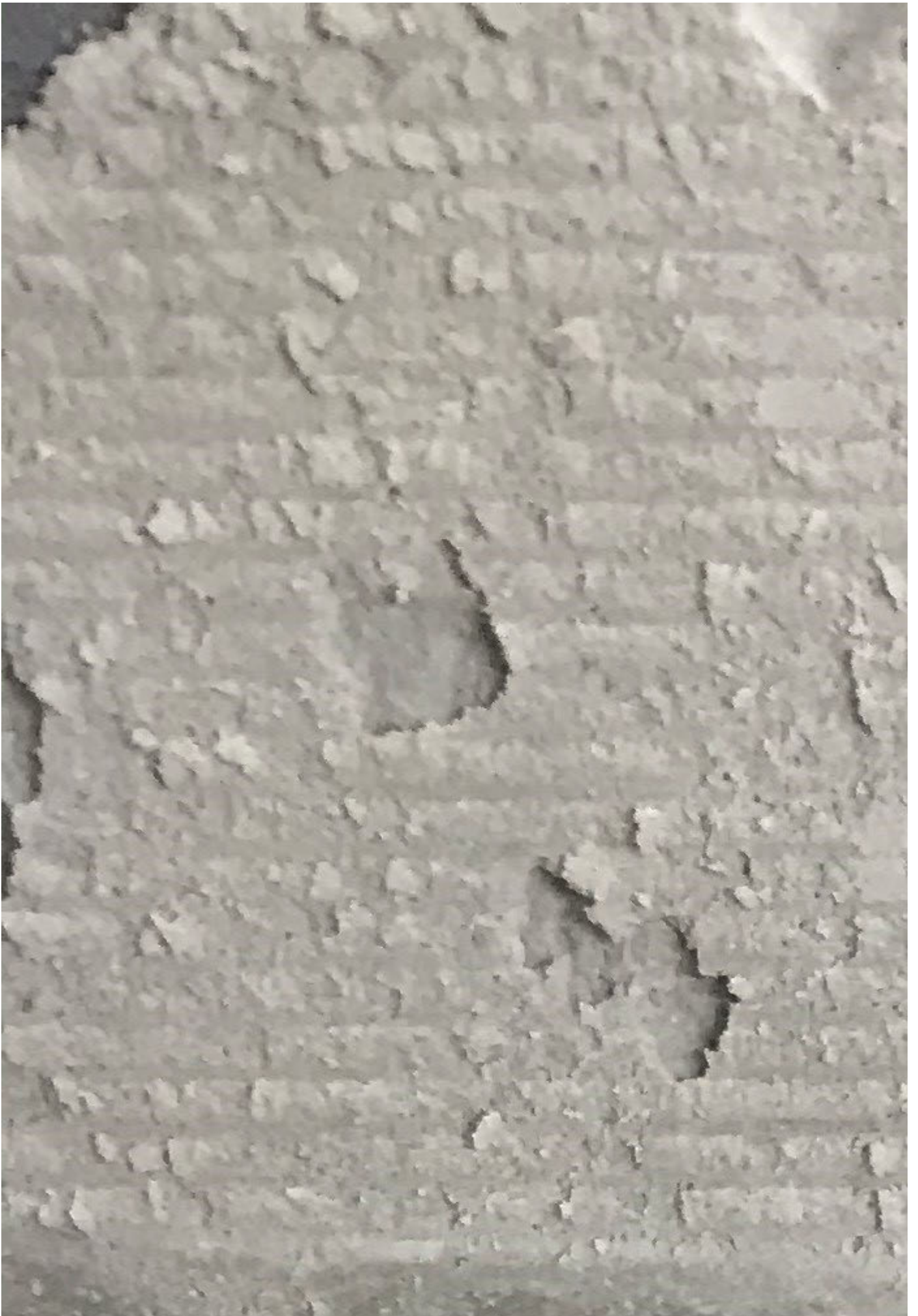
**Sent:** Monday, 22 June 2020 2:19 PM

**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>

**Subject:** Program pool









**From:** Schedule 2.2(a)(ii)  
**To:** Hooper, Richard; Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew; Halstead, Grant; Voysey, Grant; Croser, Sam  
**Subject:** RE: Gungahlin Leisure centre - pool asbuilts [SEC=UNCLASSIFIED]  
**Date:** Thursday, 18 June 2020 12:17:06 PM  
**Attachments:** [image001.png](#)  
[image002.jpg](#)  
[image003.jpg](#)  
[image004.png](#)  
[image309731.jpg](#)  
[image836074.jpg](#)

---

Richard,

In reply, I started here by saying we would only replace the tiles to the long wall and partial end wall.

Since then, everyday has seen more tiles continue to become loose or drummy. It is extremely frustrating and very expensive.

We are currently arranging for tilers to be onsite early next week to re-tile.

It is our expectation to have this completed by mid to late next week.

I would suggest whoever you are arranging to replace joints continue through the whole of the project for uniformity.

Regards

Schedule 2.2(a)(ii) | Commercial Construction Manager

Schedule 2.2(a)(ii)

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**From:** Hooper, Richard [mailto:Richard.Hooper@act.gov.au]

**Sent:** Thursday, 18 June 2020 11:46 AM

**To:** Schedule 2.2(a)(ii)

**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew; Halstead, Grant; Voysey, Grant; Croser, Sam

**Subject:** RE: Gungahlin Leisure centre - pool asbuilts [SEC=UNCLASSIFIED]

Hi Peter,

Further to our discussion regarding moving the boom, which you will advise after discussion with Ceramic Solutions. We also need to advise up the line when we expect to open the LTS Pool as COVID-19 restrictions are being lifted in the ACT allowing up to 100 people in a pool area.

Currently the render is being renewed and the removal of the loose tiles is being completed. I need to know when the tiling to the LTS will be completed, so we can instruct our contractor to renew the mastic joints throughout the LTS and Lagoon areas. This will take approximately 7-10 days for curing, before we start to fill and heat. Please can you provide some indicative timelines on the following?

- Completion of render and drying time
- Completion of tiling
- What mastic joints Crystal Pools are completing

Hi [redacted],

The immediate area of repair is the concourse decking allowing access to the LTS and splash decks, whilst the 50 metre pool will be out of action pending further investigations, the main focus is getting the LTS operational. Can you advise if Alpine Tiling can carry out a temporary repair as you previously instructed to the concourse, to allow the LTS to be operational?

Thanks for your ongoing cooperation.

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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---

**From:** **Schedule 2.2(a)(ii)**

**Sent:** Thursday, 18 June 2020 9:55 AM

**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>

**Cc:** **Schedule 2.2(a)(ii)**

[redacted] De Boni, Andrew <[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>; Halstead, Grant <[Grant.Halstead@act.gov.au](mailto:Grant.Halstead@act.gov.au)>; Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>

**Subject:** RE: Gungahlin Leisure centre - pool asbuilts [SEC=UNCLASSIFIED]

Richard,

Please find attached the surveyors "as built" as requested.

Certainly looks OK. It doesn't show any noticeable irregularities.

The next step is too empty the pool. Please follow the same regime for emptying as has been done previously.

Regards

**Schedule 2.2(a)(ii)** Commercial Construction Manager

**Schedule 2.2(a)(ii)**

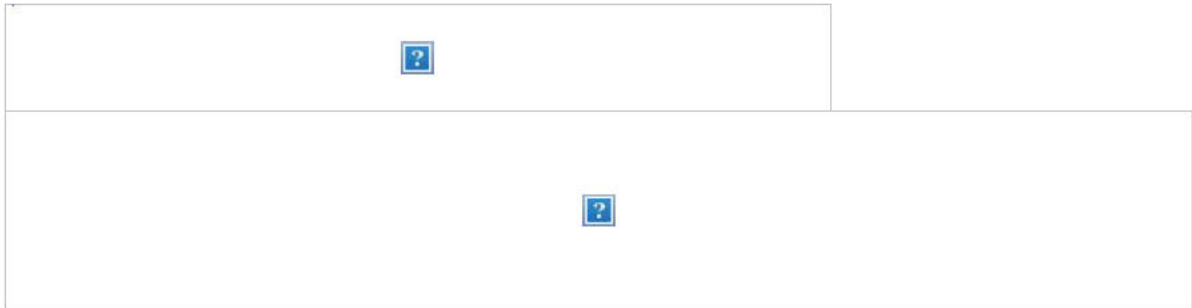
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**F:** [\(02\) 9484 1019](tel:(02)94841019)



Schedule 2.2(a)(ii)

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**From:** Hooper, Richard [<mailto:Richard.Hooper@act.gov.au>]

**Sent:** Thursday, 18 June 2020 9:14 AM

**To:** Schedule 2.2(a)(ii)

**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew; Halstead, Grant; Voysey, Grant

**Subject:** RE: Gungahlin Leisure centre - pool asbuilts [SEC=UNCLASSIFIED]

Hi Schedule 2.2(a)(ii),

Thanks for the update, as discussed yesterday we will require confirmation from ADCO and Crystal Pools before commencing draining.

The pool is cooled and the chemicals are neutralised, already to go, I assume we drain at the recommended rates as recommended last time?

Regards,

**Richard Hooper** | Senior Director

Telephone: 02 6205 3954 | Schedule 2.2(a)(ii) Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)

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---

**From:** Schedule 2.2(a)(ii)

**Sent:** Thursday, 18 June 2020 8:43 AM

**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>

**Cc:** Schedule 2.2(a)(ii)

**Subject:** FW: Gungahlin Leisure centre - pool asbuilts

Richard,

FYI.

We should get this info today.

Regards

**Schedule 2.2(a)(ii)** | Commercial Construction Manager

**Schedule 2.2(a)(ii)**

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F: (02) 9484 1019

**Schedule 2.2(a)(ii)**

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**From:** **Schedule 2.2(a)(ii)**  
**Sent:** Thursday, 18 June 2020 7:30 AM  
**To:** **Schedule 2.2(a)(ii)**  
**Cc:** **Schedule 2.2(a)(ii)**  
**Subject:** RE: Gunghalin Leisure centre - pool asbuilts

Hello **Schedule 2.2(a)(ii)**

All the survey work was completed on Tuesday. I am just in the process of finalising the as-built plan with our drafter and will have it to you today.

Kind regards,

**Schedule 2.2(a)(ii)**

**Construction Survey Manager (ACT)**

*(BSurv)*

**Geosurv Pty Ltd**

**p:** 1300 554 675 **m:** **Schedule 2.2(a)(ii)**

**e:** **Schedule 2.2(a)(ii)** **w:** [geosurv.com.au](http://geosurv.com.au)



**From:** Schedule 2.2(a)(ii)  
**Sent:** Thursday, 18 June 2020 5:54 AM  
**To:** Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii)  
**Subject:** RE: Gunghalin Leisure centre - pool asbuilts

Hi [redacted]

How did you go with the site survey at Gunghalin, how soon can I get the asbuilt information?

Regards

Schedule 2.2(a)(ii) Construction Supervisor

Schedule 2.2(a)(ii)

T: (02) 9875 4555

F: (02) 9484 1019

Schedule 2.2(a)(ii)

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**From:** Schedule 2.2(a)(ii)  
**Sent:** Thursday, 11 June 2020 2:20 PM  
**To:** Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii)  
**Subject:** Gunghalin Leisure centre - pool asbuilts

Hi [redacted]

Thanks for taking my call this morning, as discussed please attend Gunghalin Leisure centre as soon as practical, the sooner the better as works proceeding are dependent on the survey.

See attached sketches for asbuilt details:

- Lane lengths of both pools.
- A few widths on the 50m pool.
- Levels at the back of the finger grip tile along the length of the 50m pool on both sides and on both dive blocks.
- Levels at the back of the finger grip tile around the perimeter of the 25m and leisure pool.

**Job address is:**

Gunghalin Leisure centre  
71 The Valley Ave  
Gunghalin ACT

**Purchase order number:** 200640

Please confirm when you're going to site.  
If you require further details please ask.

Regards

**Schedule 2.2(a)(ii)** | Construction Supervisor

**Schedule 2.2(a)(ii)**

**T:** [\(02\) 9875 4555](tel:(02)98754555)

**F:** [\(02\) 9484 1019](tel:(02)94841019)

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**From:** Hooper, Richard  
**To:** Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew; Halstead, Grant; Voysey, Grant; Croser, Sam  
**Subject:** RE: Gungahlin Leisure centre - pool asbu lts [SEC=UNCLASSIFIED]  
**Date:** Monday, 22 June 2020 11:15:50 AM  
**Attachments:** image001.png  
image002.jpg  
image003.jpg  
image004.jpg  
image005.png

Morning Schedule

Unfortunately, Sam left suddenly without discussing with Grant Voysey or Schedule where the boom should be positioned. I note from the picture send by Schedule the boom is supported on a separate ledge running parallel along the pool. I'm mindful if our boom is only supported on the two lips would this cause damage those supports and does the boom require additional support from underneath.

As previously discussed ACTPG have instructed a contractor to renew all the expansion joints to the LTS Pool and lagoon area please can you confirm the pool will be cleaned after the retiling is finished.

Regards

**Richard Hooper** | Senior Director  
Telephone: 02 6205 3954 | Schedule 2.2(a)(ii) | Email [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)  
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Level 2 Nature Conservation House 186 Emu Bank Belconnen 2617 | [www.act.gov.au](http://www.act.gov.au)



**From:** Schedule 2.2(a)(ii)  
**Sent:** Monday, 22 June 2020 7:48 AM  
**To:** Hooper, Richard <[Richard.Hooper@act.gov.au](mailto:Richard.Hooper@act.gov.au)>; Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew <[Andrew.deBoni@act.gov.au](mailto:Andrew.deBoni@act.gov.au)>; Halstead, Grant <[Grant.Halstead@act.gov.au](mailto:Grant.Halstead@act.gov.au)>; Voysey, Grant <[Grant.Voysey@act.gov.au](mailto:Grant.Voysey@act.gov.au)>; Croser, Sam <[Sam.Croser@act.gov.au](mailto:Sam.Croser@act.gov.au)>  
**Subject:** RE: Gungahlin Leisure centre - pool asbu lts [SEC UNCLASSIFIED]

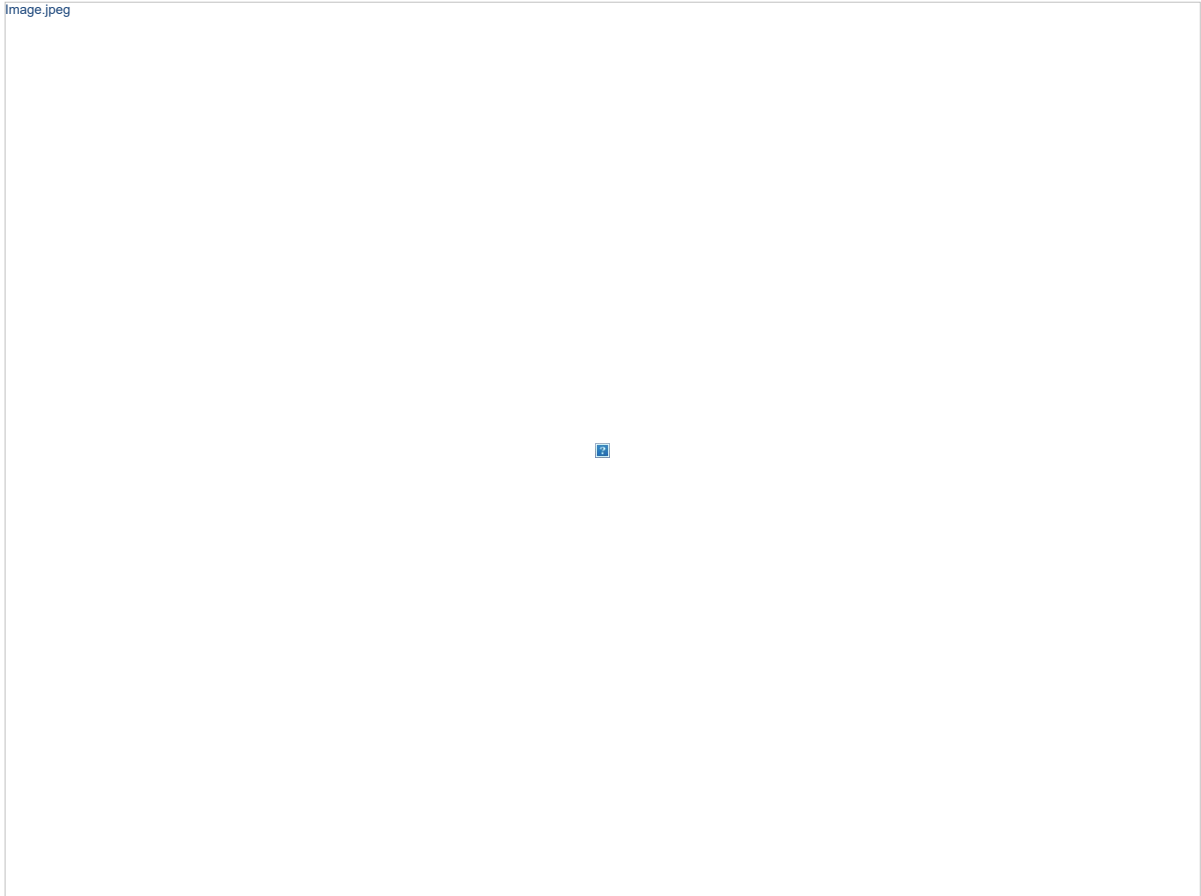
Richard  
Schedule has responded with the info below;

Schedule

*We have always supported them like this even of cranes*

Schedule

Image.jpeg



I would suggest that the info above is enough to confirm that it is able to "Self-Support" from the pool edge.  
Schedule is on site this morning so I will get him to check and confirm that the boom is located in the most convenient location prior to emptying commencing today.

Regards

Schedule 2.2(a)(ii) | Commercial Construction Manager  
Schedule 2.2(a)(ii)  
P: (02) 9875 4555  
F: (02) 9484 1019  
Schedule 2.2(a)(ii)

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**From:** Hooper, Richard [mailto:Richard.Hooper@act.gov.au]  
**Sent:** Monday, 22 June 2020 7:36 AM  
**To:** Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew; Halstead, Grant; Voysey, Grant; Croser, Sam  
**Subject:** RE: Gungahlin Leisure centre - pool asbuilts [SEC=UNCLASSIFIED]

Thanks **Schedule 2.2(a)(ii)**  
Hopefully **Schedule 2.2(a)(ii)** will provide a prompt response, to allow draining.  
Regards,  
Richard

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**From:** Schedule 2.2(a)(ii)  
**Sent:** Monday, June 22, 2020, 7:24:41 AM  
**To:** Hooper, Richard <Richard.Hooper@act.gov.au>; Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew <Andrew.deBoni@act.gov.au>; Halstead, Grant <Grant.Halstead@act.gov.au>; Voysey, Grant <Grant.Voysey@act.gov.au>; Croser, Sam <Sam.Croser@act.gov.au>  
**Subject:** RE: Gungahlin Leisure centre - pool asbuilts [SEC UNCLASSIFIED]

Richard  
In reply I have spoken to **Schedule 2.2(a)(ii)** and he has confirmed verbally that the Boom can be supported via the edge tiles only and requires NO further support.  
However I have asked that he provide this info in writing and have chased it again this morning.  
I would hope to have this confirmed during the day then the boom can be moved into a suitable location and the pool emptying can commence.  
Regards

**Schedule 2.2(a)(ii)** Commercial Construction Manager

**Schedule 2.2(a)(ii)**  
T: (02) 9875 4555  
F: (02) 9484 1019  
**Schedule 2.2(a)(ii)**

[crystalpools.com.au](http://crystalpools.com.au)



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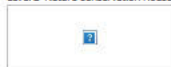
**From:** Hooper, Richard [mailto:Richard.Hooper@act.gov.au]  
**Sent:** Friday, 19 June 2020 4:42 PM  
**To:** Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew; Halstead, Grant; Voysey, Grant; Croser, Sam  
**Subject:** RE: Gungahlin Leisure centre - pool asbuilts [SEC=UNCLASSIFIED]

Hi **Schedule 2.2(a)(ii)**

Have you had any feedback from Ceramic Solutions regarding moving the boom. We don't want to start draining the pool until the boom has been moved to a recommended position which will allow for the repairs to be completed without obstruction.

Regards

**Richard Hooper** | Senior Director  
Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** Email: [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)  
Infrastructure Delivery Partners | Major Projects Canberra | ACT Government  
Level 2 Nature Conservation House, 186 Emu Bank, Belconnen 2617 | [www.act.gov.au](http://www.act.gov.au)



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**From:** Hooper, Richard  
**Sent:** Thursday, 18 June 2020 11:46 AM  
**To:** Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew <Andrew.deBoni@act.gov.au>; Halstead, Grant <Grant.Halstead@act.gov.au>; Voysey, Grant <Grant.Voysey@act.gov.au>; Croser, Sam <Sam.Croser@act.gov.au>  
**Subject:** RE: Gungahlin Leisure centre - pool asbuilts [SEC UNCLASSIFIED]

Hi **Schedule 2.2(a)(ii)**

Further to our discussion regarding moving the boom which you will advise after discussion with Ceramic Solutions. We also need to advise up the line when we expect to open the LTS Pool as COVID-19 restrictions are being lifted in the ACT allowing up to 100 people in a pool area.

Currently the render is being renewed and the removal of the loose tiles is being completed. I need to know when the tiling to the LTS will be completed so we can instruct our contractor to renew the mastic joints throughout the LTS and Lagoon areas. This will take approximately 7-10 days for curing before we start to fill and heat. Please can you provide some indicative timelines on the following?

- Completion of render and drying time
- Completion of tiling
- What mastic joints Crystal Pools are completing

Hi **Schedule 2.2(a)(ii)**

The immediate area of repair is the concourse decking allowing access to the LTS and splash decks whilst the 50 metre pool will be out of action pending further investigations the main focus is getting the LTS operational. Can you advise if Alpine Tiling can carry out a temporary repair as you previously instructed to the concourse to allow the LTS to be operational?

Thanks for your ongoing cooperation.

Regards

**Richard Hooper** | Senior Director  
Telephone: 02 6205 3954 | **Schedule 2.2(a)(ii)** Email: [richard.hooper@act.gov.au](mailto:richard.hooper@act.gov.au)  
Infrastructure Delivery Partners | Major Projects Canberra | ACT Government  
Level 2 Nature Conservation House, 186 Emu Bank, Belconnen 2617 | [www.act.gov.au](http://www.act.gov.au)



**From:** Schedule 2.2(a)(ii)  
**Sent:** Thursday 18 June 2020 9:55 AM  
**To:** Hooper, Richard <Richard.Hooper@act.gov.au>  
**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew <Andrew.deBoni@act.gov.au>; Halstead, Grant <Grant.Halstead@act.gov.au>; Voysey, Grant <Grant.Voysey@act.gov.au>  
**Subject:** RE: Gungahlin Leisure centre - pool asbuilts [SEC UNCLASSIFIED]

Richard  
 Please find attached the surveyors "as built" as requested.  
 Certainly looks OK. It doesn't show any noticeable irregularities.  
 The next step is to empty the pool. Please follow the same regime for emptying as has been done previously.  
 Regards

Schedule 2.2(a)(ii) Commercial Construction Manager

Schedule 2.2(a)(ii)  
 T: (02) 9875 4555  
 F: (02) 9484 1019  
 Schedule 2.2(a)(ii)

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**From:** Hooper, Richard [mailto:Richard.Hooper@act.gov.au]  
**Sent:** Thursday 18 June 2020 9:14 AM  
**To:** Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii); De Boni, Andrew; Halstead, Grant; Voysey, Grant  
**Subject:** RE: Gungahlin Leisure centre - pool asbuilts [SEC=UNCLASSIFIED]

Hi [redacted]

Thanks for the update. As discussed yesterday we will require confirmation from ADCO and Crystal Pools before commencing draining.

The pool is cooled and the chemicals are neutralised already to go. I assume we drain at the recommended rates as recommended last time?

Regards

Richard Hooper | Senior Director  
 Telephone: 02 6205 3954 | Schedule 2.2(a)(ii) Email: richard.hooper@act.gov.au  
 Infrastructure Delivery Partners | Major Projects Canberra | ACT Government  
 Level 2 Nature Conservation House 186 Emu Bank Belconnen 2617 | [www.act.gov.au](http://www.act.gov.au)



**From:** Schedule 2.2(a)(ii)  
**Sent:** Thursday 18 June 2020 8:43 AM  
**To:** Hooper, Richard <Richard.Hooper@act.gov.au>  
**Cc:** Schedule 2.2(a)(ii)  
**Subject:** FW: Gungahlin Leisure centre - pool asbuilts

Richard  
 FYI.  
 We should get this info today.

Regards

Schedule 2.2(a)(ii) Commercial Construction Manager

Schedule 2.2(a)(ii)  
 T: (02) 9875 4555  
 F: (02) 9484 1019  
 Schedule 2.2(a)(ii)

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**From:** Schedule 2.2(a)(ii)  
**Sent:** Thursday 18 June 2020 7:30 AM  
**To:** Schedule 2.2(a)(ii)  
**Cc:** Schedule 2.2(a)(ii)  
**Subject:** RE: Gungahlin Leisure centre - pool asbuilts

Hello [redacted]

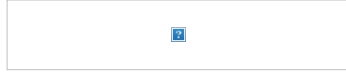
All the survey work was completed on Tuesday. I am just in the process of finalising the as-built plan with our drafter and will have it to you today.

Kind regards

Schedule 2.2(a)(ii)  
 Construction Survey Manager (ACT)  
 (BSurv)



Geosurv Pty Ltd  
p: 1300 554 675  
Schedule 2.2(a)(ii) w: geosurv.com.au



From: Schedule 2.2(a)(ii)  
Sent: Thursday 18 June 2020 5:54 AM  
To: Schedule 2.2(a)(ii)  
Cc: Schedule 2.2(a)(ii)  
Subject: RE: Gunghalin Leisure centre - pool asbuilts

Hi Schedule

How did you go with the site survey at Gunghalin how soon can I get the asbuilts information?

Regards

Schedule 2.2(a)(ii) | Construction Supervisor

Schedule 2.2(a)(ii)  
T: (02) 9875 4555  
F: (02) 9484 1019  
Schedule 2.2(a)(ii)

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From: Schedule 2.2(a)(ii)  
Sent: Thursday 11 June 2020 2:20 PM  
To: Schedule 2.2(a)(ii)  
Cc: Schedule 2.2(a)(ii)  
Subject: Gunghalin Leisure centre - pool asbuilts

Hi Schedule

Thanks for taking my call this morning as discussed please attend Gunghalin Leisure centre as soon as practical the sooner the better as works proceeding are dependent on the survey.

See attached sketches for asbuilts details

- Lane lengths of both pools.
- A few widths on the 50m pool.
- Levels at the back of the finger grip tile along the length of the 50m pool on both sides and on both dive blocks.
- Levels at the back of the finger grip tile around the perimeter of the 25m and leisure pool.

Job address is:

Gunghalin Leisure centre  
71 The Valley Ave  
Gunghalin ACT

Purchase order number 200640

Please confirm when you're going to site.  
If you require further details please ask.

Regards

Schedule 2.2(a)(ii) | Construction Supervisor

Schedule 2.2(a)(ii)  
T: (02) 9875 4555  
F: (02) 9484 1019  
Schedule 2.2(a)(ii)

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