



ACT

Government

Major Projects Canberra

Our Ref: MCPFOI2020/17

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 15 December 2020, in which you sought access to:

1. *All documents and correspondence in from May to December 2019 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 from May to December 2019 from and to the Gungahlin Leisure Centre about its 50 metre pool.*
3. *All documentation and correspondence from May to December 2019 to and from Sports Minister Yvette Berry about the Gungahlin Leisure Centre and its pools, in particular the issues with the 50 metre pool*
4. *All documentation and correspondence from May to December 2019 to and from Chief Minister Barr about the Gungahlin Leisure Centre and its pools, in particular the issues with the 50 metre pool.*
5. *Any documentation between Minister Berry and Chief Minister Barr about Gungahlin Leisure Centre from May to December 2019.*

On 12 February 2021, I made a decision in relation to this access request, advising that zero (0) documents were found to be within the scope of the request. I wish to advise that we were recently notified that eighty-seven (87) additional documents were located that fall within the scope.

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. This decision is made pursuant to section 36 of the Act.

Decision on access

My decision in relation to the documents relevant to your request is summarised as follows:

- full release of eleven (11) documents;
- partial release to twelve (12) documents;

- exemption of two (2) documents
- and withholding of sixty-two (62) documents.

Documents that are not released or are partially released contain information that I have decided:

- is taken to be contrary to the public interest to disclose in accordance with section 16 and Schedule 1 of the Act; or
- would, on balance, be contrary to the public interest to disclose under the test set out in section 17 of the Act; or
- third party objects to the disclosure of the government information set out in section 38 of the Act; or
- is outside of the scope of your request.

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

The documents released to you are provided at Attachment B to this letter.

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. 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

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 me by telephone on (02) 6207 0058 or email MPCFOI@act.gov.au.

Yours sincerely

Schedule 2.2(a)(ii)

A black rectangular redaction box covers the signature area of the letter.

Damon Hall
Information Officer
Major Projects Canberra

18 March 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
MPCFOI2020/17	<ol style="list-style-type: none"> 1. <i>All documents and correspondence in from May to December 2019 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: <ul style="list-style-type: none"> • 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. </i> 2. <i>All documents and correspondence from May to December 2019 from and to the Gungahlin Leisure Centre about its 50 metre pool.</i> 3. <i>All documentation and correspondence from May to December 2019 to and from Sports Minister Yvette Berry about the Gungahlin Leisure Centre and its pools, in particular the issues with the 50 metre pool</i> 4. <i>All documentation and correspondence from May to December 2019 to and from Chief Minister Barr about the Gungahlin Leisure Centre and its pools, in particular the issues with the 50 metre pool.</i> 5. <i>Any documentation between Minister Berry and Chief Minister Barr about Gungahlin Leisure Centre from May to December 2019.</i>

Ref No.	No. of Folios	Description	Date	Status	Reason for non-release or partial release
1.	1-4	Email	28 June – 12 July 2019	Partial	S2.2(a)ii – personal privacy & S2.2(a)(xiii) – commercial in confidence
2.	5-11	Email	28 June to 1 August 2019	Partial	S2.2(a)ii – personal privacy & S2.2(a)(xiii) – commercial in confidence
3.	12-13	Email	28 June – 1 July 2019	Partial	S2.2(a)ii – personal privacy & S2.2(a)(xiii) – commercial in confidence
4.	14–26	Document	24 July 2019	Partial	S2.2(a)ii – personal privacy
5.	27	Picture	Undated	Full	
6.	28	Picture	Undated	Full	
7.	29	Email	21 August 2019	Partial	S2.2(a)ii – personal privacy
8.	30	Access & Safety Plan	Undated	Full	
9.	31-32	Access & Safety Plan	25 June 2019	Full	
10.	33	Picture	Undated	Full	
11.	34	Email	22 August 2019	Full	
12.	35-36	Email	9 July 2019	Partial	S2.2(a)ii – personal privacy
13.	37	Email	5 June 2019	Partial	S2.2(a)ii – personal privacy
14.	38-39	Email	24 July 2019	Partial	S2.2(a)ii – personal privacy
15.	40-41	Email	5 July 2019	Partial	S2.2(a)ii – personal privacy

16.	42	Email	21 August 2019	Partial	S2.2(a)ii – personal privacy
17.	43	Email	28 June 2019	Partial	S2.2(a)ii – personal privacy
18.	44-45	Email	6 June 2019	Partial	S2.2(a)ii – personal privacy & S2.2(a)(xiii) – commercial in confidence
19.	46-47	Product Data Sheet	Undated	Full	
20.	48	Painting Spec New rendered pools	Undated	Full	
21.	49	Painting Spec	Undated	Full	
22.	50	HD Methodology	Undated	Full	
23.	51-52	How to apply Epotec correctly	Undated	Full	
24.		Email	24 September 2019	Withheld	S38.6 (b) – third party objection
25.		Email	24 July 2019	Withheld	S38.6 (b) – third party objection
26.		Email	30 July to 1 August 2019	Withheld	S38.6 (b) – third party objection
27.		Email	30 and 31 July 2019	Withheld	S38.6 (b) – third party objection
28.		Email	8 July 2019	Withheld	S38.6 (b) – third party objection
29.		Email	19 to 25 July 2019	Withheld	S38.6 (b) – third party objection
30.		Email	19 July 2019	Withheld	S38.6 (b) – third party objection
31.		Email	19 to 26 July 2019	Withheld	S38.6 (b) – third party objection
32.		Email	6 May to 4 June 2019	Withheld	S38.6 (b) – third party objection

33.		Email	26 July 2019	Withheld	S38.6 (b) – third party objection
34.		Email	26 July 2019	Withheld	S38.6 (b) – third party objection
35.		Email	26 July 2019	Withheld	S38.6 (b) – third party objection
36.		Email	26 July 2019	Withheld	S38.6 (b) – third party objection
37.		Email	30-31 October 2019	Withheld	S38.6 (b) – third party objection
38.		Email	19 June to 2 July 2019	Withheld	S38.6 (b) – third party objection
39.		Email	19 to 24 June 2019	Withheld	S38.6 (b) – third party objection
40.		Email	19 June to 19 July 2019	Withheld	S38.6 (b) – third party objection
41.		Email	19 June 2019	Withheld	S38.6 (b) – third party objection
42.		Email	5 to 11 December 2019	Withheld	S38.6 (b) – third party objection
43.		Email	5 to 6 December 2019	Withheld	S38.6 (b) – third party objection
44.		Email	22 to 30 August 2019	Withheld	S38.6 (b) – third party objection
45.		Email	22 August to 5 September 2019	Withheld	S38.6 (b) – third party objection
46.		Email	22 August to 6 September 2019	Withheld	S38.6 (b) – third party objection
47.		Email	5 to 6 September 2019	Withheld	S38.6 (b) – third party objection
48.		Email	21 August 2019	Withheld	S38.6 (b) – third party objection
49.		Email	4 to 30 April 2019	Withheld	S38.6 (b) – third party objection

50.		Email	21 August 2019	Withheld	S38.6 (b) – third party objection
51.		Email	5 to 11 December 2019	Withheld	S38.6 (b) – third party objection
52.		Email	1 August 2019	Withheld	S38.6 (b) – third party objection
53.		Picture	Undated	Withheld	S38.6 (b) – third party objection
54.		Picture	Undated	Withheld	S38.6 (b) – third party objection
55.		Picture	Undated	Withheld	S38.6 (b) – third party objection
56.		Picture	Undated	Withheld	S38.6 (b) – third party objection
57.		Picture	Undated	Withheld	S38.6 (b) – third party objection
58.		Picture	Undated	Withheld	S38.6 (b) – third party objection
59.		Picture	Undated	Withheld	S38.6 (b) – third party objection
60.		Picture	Undated	Withheld	S38.6 (b) – third party objection
61.		Email	19 & 20 July 2019	Withheld	S38.6 (b) – third party objection
62.		Email	19 to 24 July 2019	Withheld	S38.6 (b) – third party objection
63.		Email	3 to 4 June 2019	Withheld	S38.6 (b) – third party objection
64.		Email	19 June to 2 July 2019	Withheld	S38.6 (b) – third party objection
65.		Email	21 August 2019	Withheld	S38.6 (b) – third party objection
66.		Picture	Undated	Withheld	S38.6 (b) – third party objection

67.		Picture	Undated	Withheld	S38.6 (b) – third party objection
68.		Drawing	Undated	Withheld	S38.6 (b) – third party objection
69.		Email	30-31 July 2019	Withheld	S38.6 (b) – third party objection
70.		Email	22 to 30 August 2019	Withheld	S38.6 (b) – third party objection
71.		Email	22 August to 6 September 2019	Withheld	S38.6 (b) – third party objection
72.		Picture	Undated	Withheld	S38.6 (b) – third party objection
73.		Picture	Undated	Withheld	S38.6 (b) – third party objection
74.		Picture	Undated	Withheld	S38.6 (b) – third party objection
75.		Picture	Undated	Withheld	S38.6 (b) – third party objection
76.		Picture	Undated	Withheld	S38.6 (b) – third party objection
77.		Picture	Undated	Withheld	S38.6 (b) – third party objection
78.		Picture	Undated	Withheld	S38.6 (b) – third party objection
79.		Picture	Undated	Withheld	S38.6 (b) – third party objection
80.		Picture	Undated	Withheld	S38.6 (b) – third party objection
81.		Email	19 to 27 June 2019	Withheld	S38.6 (b) – third party objection
82.		GLS Access & Safety Plan 2019	Undated	Withheld	S38.6 (b) – third party objection
83.		Email	5 to 6 September 2019	Withheld	S38.6 (b) – third party objection

84.		Email	22 August – 5 September 2019	Withheld	S38.6 (b) – third party objection
85.		Email	5 to 6 September 2019	Withheld	S38.6 (b) – third party objection
86.		Pool tiling works methodology	Undated	Exempt	S38.3 (c) - third party business affairs
87.		GLC Southern Wall works	Undated	Exempt	S38.3 (c) - third party business affairs
Total Number of Documents					
87					

From: [REDACTED]
To: [Voysey, Grant](#)
Cc: [Hooper, Richard](#); [Croser, Sam](#)
Subject: Re: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]
Date: Friday, 12 July 2019 9:50:55 AM

Hi Grant,

Currently my Wednesday next week is free but it does sound to me that you guys are all over this and I'm not sure how much benefit you would get from a visit by me just to see and say what you guys are already doing.

Up to you of course but it does seem that your "team" has this under control.

Regards

[REDACTED]

Sent from my iPad

On 12 Jul 2019, at 9:38 am, Voysey, Grant <Grant.Voysey@act.gov.au> wrote:

Good morning [REDACTED]

The 50 metre pool is now drained and the following occurred on site yesterday:

- <!--[if !supportLists]-->• <!--[endif]-->The independent tile adhesive testing company carried out testing to five sites (end walls, northern wall and floor) of the pool and the report is due early next week;
- <!--[if !supportLists]-->• <!--[endif]-->A preliminary walk around inspection was carried out and it was identified that additional sections of tiles were drummy on the opposite northern wall at the deep end and around the centre of the pool (Crystal Pools/ Ceramic Solutions stated that they think the render may have failed in these sections) and more tiles had cracked or have raised slightly around the construction joints/expansion joints on the floor of the pool (with evidence of water underneath them as you walked on them). Ceramic Solutions is carrying out a thorough inspection and the newly identified areas are to be added to the program, with an estimate of an additional two weeks being required. This can be accommodated as we allowed a contingency of two week; and
- <!--[if !supportLists]-->• <!--[endif]-->Ceramic Solutions are to commence removing and preparing all the identified areas on Monday next week, with another meeting to be scheduled to occur on Wednesday to inspect these areas.

Once we receive the tile adhesive testing report and confirmation of the inspection time on Wednesday next week, I will be in contact to discuss if we require your services. As a tentative, would you be available on Wednesday next week to come to Canberra?

Kind Regards

Grant

Grant Voysey | A/g Assistant Director | Aquatics Management
Ph: (02) 620 75809 / Schedule 2.2(a)(ii)
 ACT Property Group | Chief Minister, Treasury and Economic Development
 Directorate | ACT Government
 PO Box 777, Fyshwick, ACT, 2609 |
http://www.economicdevelopment.act.gov.au/government-property/act_property_group

If you have any feedback for the ACT Property Group, please email
actpgfeedback@act.gov.au

From: Schedule 2.2(a)(ii)
Sent: Tuesday, 2 July 2019 3:17 PM
To: Voysey, Grant <Grant.Voysey@act.gov.au>
Cc: Hooper, Richard <Richard.Hooper@act.gov.au>; Croser, Sam <Sam.Croser@act.gov.au>
Subject: RE: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

OK, looks good to me.

Regards

Schedule 2.2(a)(ii)

Schedule 2.2(a)(ii)

Telephone: (02) 90 189 189

Schedule 2.2(a)(ii)

POBox 17, Seaforth, NSW 2092

Schedule 2.2(a)(ii)

Web: www.sa-consultants.com.au

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From: Voysey, Grant <Grant.Voysey@act.gov.au>
Sent: 02 July 2019 15:01
To: Schedule 2.2(a)(ii)
Cc: Hooper, Richard <Richard.Hooper@act.gov.au>; Croser, Sam <Sam.Croser@act.gov.au>
Subject: RE: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Hi Schedule 2.2(a)(ii)

I can confirm that Sopro Mega Flex 667 (C2 FT S2) will be used for all tile rectification work.

As requested, please find attached a copy of the Sopro Mega Flex 667 data sheet for your information and review.

I will be in contact next week to advise if we require your services on the 11 July 2019.

Kind Regards

Grant

Grant Voysey | A/g Assistant Director | Aquatics Management

Ph: (02) 620 75809 / Schedule 2.2(a)(ii)

ACT Property Group | Chief Minister, Treasury and Economic Development

Directorate | ACT Government

PO Box 777, Fyshwick, ACT, 2609 |

http://www.economicdevelopment.act.gov.au/government-property/act_property_group

If you have any feedback for the ACT Property Group, please email actpgfeedback@act.gov.au

From: Schedule 2.2(a)(ii)

Sent: Friday, 28 June 2019 3:46 PM

To: Voysey, Grant <Grant.Voysey@act.gov.au>

Cc: Hooper, Richard <Richard.Hooper@act.gov.au>

Subject: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Hi Grant,

I see that they are not using Laticrete products as suggested so can you please ask them to provide adhesive Shear Strength and Tensile Strength certificates after 28 days immersion.

Have you got a statement from Crystals that they are happy with this method statement as at the end of the day, they are actually responsible for this work.

The cost of any visit would be Schedule 2.2(a)(xiii)

Regards

Schedule 2.2(a)(ii)

Schedule 2.2(a)(ii)

Telephone: (02) 90 189 189

Schedule 2.2(a)(ii)

POBox 17, Seaforth, NSW 2092

Schedule 2.2(a)(ii)

Web: www.sa-consultants.com.au

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From: Voysey, Grant <Grant.Voysey@act.gov.au>

Sent: 28 June 2019 14:50

To: Schedule 2.2(a)(ii)

Cc: Hooper, Richard <Richard.Hooper@act.gov.au>

Subject: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Good afternoon [redacted]

As per our discussion, the remediation works in the 50 metre pool at the Gungahlin Leisure Centre are due to commence on Monday next week.

As requested, please find attached a copy of the programme and pool tiling methodology. Please let me know if you have any concern/issues with the attached documents.

In relation to the programmed dates of 11 July (inspection by consultant/ tile testing [independent company]/ Crystal Pools) and 25 July (Inspection by consultant), if ACT Property Group feels that we need an independent consultants advice/report, would you be available to attend on or around these dates to provide this advice?

If you are available on these dates, could you please provide me with some indicative costings?

Please don't hesitate to contact me on 02 6207 5809 if you have any concerns or require any further information.

Kind Regards

Grant

Grant Voysey | A/g Assistant Director | Aquatics Management

Ph: (02) 620 75809 / [redacted] Schedule 2.2(a)(i)

ACT Property Group | Chief Minister, Treasury and Economic Development

Directorate | ACT Government

PO Box 777, Fyshwick, ACT, 2609 |

http://www.economicdevelopment.act.gov.au/government-property/act_property_group

If you have any feedback for the ACT Property Group, please email actpgfeedback@act.gov.au

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From: [Voysey, Grant](#)
To: [Schedule 2.2\(a\)\(ii\)](#)
Cc: [Croser, Sam](#); [Hooper, Richard](#)
Subject: RE: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]
Date: Thursday, 1 August 2019 1:00:37 PM

Thanks very much [Schedule 2.2\(a\)\(ii\)](#) for your prompt advice.

I will be in contact if we require further advice.

Kind Regards

Grant

Grant Voysey | A/g Assistant Director | Aquatics Management

Ph: (02) 620 75809 / [Schedule 2.2\(a\)\(ii\)](#)

ACT Property Group | Chief Minister, Treasury and Economic Development Directorate | ACT Government

PO Box 777, Fyshwick, ACT, 2609 | http://www.economicdevelopment.act.gov.au/government-property/act_property_group

If you have any feedback for the ACT Property Group, please email actpgfeedback@act.gov.au

From: [Schedule 2.2\(a\)\(ii\)](#)
Sent: Thursday, 1 August 2019 12:27 PM
To: Voysey, Grant <Grant.Voysey@act.gov.au>
Cc: Croser, Sam <Sam.Croser@act.gov.au>; Hooper, Richard <Richard.Hooper@act.gov.au>
Subject: RE: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Hi Grant,

Unfortunately I'm out for the afternoon and all day tomorrow so can only give you a quick considered review before I leave shortly.

- Leaving pools empty in a warm indoor environment can and has in the past caused tiles to become drummy.

Maybe the floor should have been covered with wetted hessian to limit this drying out but hindsight is a wonderful thing.

It's certainly a good thing that the pool now has water in it and will help rehydrate the structure to limit further tile failures.

- Rectifying the failed tiles shouldn't really take too long, a few days I guess, as long as the right products are used for a quick fill after grouting.

- Should you simply leave the pool as it is now and see what happens, absolutely not.

- Should you deal with the larger areas of tiles as marked with an arrow, yes in my opinion.

- What about the smaller areas of tiles that have failed. Do them if time allows or underwater repair them later if they come off.

- I wouldn't be touching the silicon joints if possible.
- My understanding is the tiles adjacent to the movement joints only overhang the joint by up to 15mm which is OK and quite normal.
Because part of the tile overhangs, quite a bit of the tile might sound drummy but still stuck down OK.
I would not touch these tiles unless the whole tile was drummy.
- Who is responsible for replacing drummy floor tiles? The only reason why the pool is empty is because tiles have failed.

Schedule 2.2(a)(xiii)

To conclude, I think the best way forward is to get say 2 or 3 crews of tilers on site, do the large areas and as many of the small areas as possible, if not all, and then refill as quickly as possible.

Then underwater repair any other tiles that might come off in the future. Should areas not be affected be wet covered, if couldn't hurt, but it might be difficult to keep the areas being worked on dry.

Obviously I'm not telling you what to do and this is up to the Client and Contractors to decide upon. The above advice is given without any risk to S&A.

Sorry I can't do more in the short term. No charge.

Regards

Schedule 2.2(a)(ii)

Stevenson & Associates Pty Ltd

Telephone: (02) 90 189 189

Schedule 2.2(a)(ii)

POBox 17, Seaforth, NSW 2092

Schedule 2.2(a)(ii)

Web: www.sa-consultants.com.au

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From: Voysey, Grant <Grant.Voysey@act.gov.au>

Sent: 01 August 2019 11:32

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

Cc: Croser, Sam <Sam.Croser@act.gov.au>; Hooper, Richard <Richard.Hooper@act.gov.au>

Subject: FW: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Importance: High

Good morning **Schedule 2.2(a)**

Can ACT Property Group (ACTPG) engage your services to carry out an urgent desk top review of the findings from the pool inspection on Monday 29 July and the advice received in relation to

the options from **Schedule 2.2(a)(ii)**. ACT Property Group is happy for you to invoice ACTPG at your hourly rate for this service.

The status of the 50 metre pool is as follows:

- After draining the 50 metre pool, it was identified that the render had failed on approximately half of the northern wall (opposite wall to the wall that had failed) and a number of sections of drummy tiles were also found around the four construction joints, which runs across the pool. Retiling of these areas has been carried out under this rectification program.
- At the site inspection meeting on 29 July 2019 (which included representatives from ADCO Constructions, Crystal Pools, Hydrautech and ACT Gov), it was identified that there were additional sections of drummy tiles on the pool floor. ACTPG and a representative from Crystal Pools then carried out a tap test of the entire pool floor and have identified approximately 420 tiles as being drummy (which is around a 1% failure rate) – see the attached marked up floor plan (attachment 1).
- Since this meeting ACT Property Group received the attached advice from Hydrautech (attachment 2), which proposes two options, which we now seek your advice on.
- Hydrautech/Crystal Pool have now filled the base of the pool floor with 100-150mm of water, as they suggest this will prevent further drummy tiles from emerging whilst a revised program is being considered.
- As of early this morning (1 August 2019) the latest advice is that the pool will again be drained and the repairs to the large areas of drummy tiles will occur (see marked up arrows on attachment 3) and then the pool will be refilled. They are proposing to carry out the other smaller area of repairs under water once the pool has been recommissioned, which we also seek your advice on.

It would be greatly appreciated if you could review the above information and attachments and provide ACT Property Group with your recommendations on the course of action to take at your earliest convenience.

I also seek your advice in relation to it being acceptable standards for up to three quarters of a tile over a construction expansion joint being drummy as only a third is fixed to the concrete structure? I am advised that this is due to the bandage installed under this tile and the render used over the top. I was advised by a Crystal Pools representative that these tiles should only be tap tested at the fixing point to the structures.

Should you require any further information, please don't hesitate to contact me on 02 6207 5809.

I look forward to receiving your advice as soon as possible.

Kind Regards

Grant

Grant Voysey | A/g Assistant Director | Aquatics Management

Ph: (02) 620 75809 / **Schedule 2.2(a)(ii)**

ACT Property Group | Chief Minister, Treasury and Economic Development Directorate | ACT

Government

PO Box 777, Fyshwick, ACT, 2609 | http://www.economicdevelopment.act.gov.au/government-property/act_property_group

If you have any feedback for the ACT Property Group, please email actpgfeedback@act.gov.au

From: Voysey, Grant

Sent: Friday, 12 July 2019 9:39 AM

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

Cc: Hooper, Richard <Richard.Hooper@act.gov.au>; Croser, Sam <Sam.Croser@act.gov.au>

Subject: RE: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Good morning **Schedule 2.2**

The 50 metre pool is now drained and the following occurred on site yesterday:

- The independent tile adhesive testing company carried out testing to five sites (end walls, northern wall and floor) of the pool and the report is due early next week;
- A preliminary walk around inspection was carried out and it was identified that additional sections of tiles were drummy on the opposite northern wall at the deep end and around the centre of the pool (Crystal Pools/ Ceramic Solutions stated that they think the render may have failed in these sections) and more tiles had cracked or have raised slightly around the construction joints/expansion joints on the floor of the pool (with evidence of water underneath them as you walked on them). Ceramic Solutions is carrying out a thorough inspection and the newly identified areas are to be added to the program, with an estimate of an additional two weeks being required. This can be accommodated as we allowed a contingency of two week; and
- Ceramic Solutions are to commence removing and preparing all the identified areas on Monday next week, with another meeting to be scheduled to occur on Wednesday to inspect these areas.

Once we receive the tile adhesive testing report and confirmation of the inspection time on Wednesday next week, I will be in contact to discuss if we require your services. As a tentative, would you be available on Wednesday next week to come to Canberra?

Kind Regards

Grant

Grant Voysey | A/g Assistant Director | Aquatics Management

Ph: (02) 620 75809 / **Schedule 2.2(a)(ii)**

ACT Property Group | Chief Minister, Treasury and Economic Development Directorate | ACT Government

PO Box 777, Fyshwick, ACT, 2609 | http://www.economicdevelopment.act.gov.au/government-property/act_property_group

If you have any feedback for the ACT Property Group, please email actpgfeedback@act.gov.au

From: Schedule 2.2(a)(ii)
Sent: Tuesday, 2 July 2019 3:17 PM
To: Voysey, Grant <Grant.Voysey@act.gov.au>
Cc: Hooper, Richard <Richard.Hooper@act.gov.au>; Croser, Sam <Sam.Croser@act.gov.au>
Subject: RE: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

OK, looks good to me.

Regards

Schedule 2.2(a)(ii)

Stevenson & Associates Pty Ltd

Telephone: (02) 90 189 189

Schedule 2.2(a)(ii)

POBox 17, Seaforth, NSW 2092

Schedule 2.2(a)(ii)

Web: www.sa-consultants.com.au

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From: Voysey, Grant <Grant.Voysey@act.gov.au>
Sent: 02 July 2019 15:01
To: Schedule 2.2(a)(ii)
Cc: Hooper, Richard <Richard.Hooper@act.gov.au>; Croser, Sam <Sam.Croser@act.gov.au>
Subject: RE: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Hi Schedule 2.2

I can confirm that Sopro Mega Flex 667 (C2 FT S2) will be used for all tile rectification work.

As requested, please find attached a copy of the Sopro Mega Flex 667 data sheet for your information and review.

I will be in contact next week to advise if we require your services on the 11 July 2019.

Kind Regards

Grant

Grant Voysey | A/g Assistant Director | Aquatics Management

Ph: (02) 620 75809 / Schedule 2.2(a)(ii)

ACT Property Group | Chief Minister, Treasury and Economic Development Directorate | ACT Government

PO Box 777, Fyshwick, ACT, 2609 | http://www.economicdevelopment.act.gov.au/government-property/act_property_group

If you have any feedback for the ACT Property Group, please email actpgfeedback@act.gov.au

From: Schedule 2.2(a)(ii)
Sent: Friday, 28 June 2019 3:46 PM

To: Voysey, Grant <Grant.Voysey@act.gov.au>
Cc: Hooper, Richard <Richard.Hooper@act.gov.au>
Subject: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Hi Grant,

I see that they are not using Laticrete products as suggested so can you please ask them to provide adhesive Shear Strength and Tensile Strength certificates after 28 days immersion.

Have you got a statement from Crystals that they are happy with this method statement as at the end of the day, they are actually responsible for this work.

The cost of any visit would be **Schedule 2.2(a)(xiii)**.

Regards

Schedule 2.2(a)(ii)

Stevenson & Associates Pty Ltd

Telephone: (02) 90 189 189

Schedule 2.2(a)(ii)

POBox 17, Seaforth, NSW 2092

Schedule 2.2(a)(xiii)

Web: www.sa-consultants.com.au

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From: Voysey, Grant <Grant.Voysey@act.gov.au>
Sent: 28 June 2019 14:50
To: **Schedule 2.2(a)(ii)**
Cc: Hooper, Richard <Richard.Hooper@act.gov.au>
Subject: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Good afternoon **Schedule 2.2(a)**

As per our discussion, the remediation works in the 50 metre pool at the Gungahlin Leisure Centre are due to commence on Monday next week.

As requested, please find attached a copy of the programme and pool tiling methodology. Please let me know if you have any concern/issues with the attached documents.

In relation to the programmed dates of 11 July (inspection by consultant/ tile testing [independent company]/ Crystal Pools) and 25 July (Inspection by consultant), if ACT Property Group feels that we need an independent consultants advice/report, would you be available to attend on or around these dates to provide this advice?

If you are available on these dates, could you please provide me with some indicative costings?

Please don't hesitate to contact me on 02 6207 5809 if you have any concerns or require any further information.

Kind Regards

Grant

Grant Voysey | A/g Assistant Director | Aquatics Management

Ph: (02) 620 75809 / Schedule 2.2(a)(ii)

ACT Property Group | Chief Minister, Treasury and Economic Development Directorate | ACT Government

PO Box 777, Fyshwick, ACT, 2609 | http://www.economicdevelopment.act.gov.au/government-property/act_property_group

If you have any feedback for the ACT Property Group, please email actpgfeedback@act.gov.au

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From: [Voysey, Grant](#)
To: [Hooper, Richard](#)
Subject: FW: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]
Date: Monday, 1 July 2019 8:58:02 AM

Hi Richard,

Can you please follow up on the points raised by [Schedule 2.2](#)

Kind Regards

Grant

From: [Schedule 2.2\(a\)\(ii\)](#)
Sent: Friday, 28 June 2019 3:46 PM
To: [Voysey, Grant <Grant.Voysey@act.gov.au>](#)
Cc: [Hooper, Richard <Richard.Hooper@act.gov.au>](#)
Subject: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Hi Grant,

I see that they are not using Laticrete products as suggested so can you please ask them to provide adhesive Shear Strength and Tensile Strength certificates after 28 days immersion.

Have you got a statement from Crystals that they are happy with this method statement as at the end of the day, they are actually responsible for this work.

The cost of any visit would be [Schedule 2.2\(a\)\(xiii\)](#)

Regards

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

Stevenson & Associates Pty Ltd

Telephone: (02) 90 189 189

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

POBox 17, Seaforth, NSW 2092

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

Web: www.sa-consultants.com.au

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From: [Voysey, Grant <Grant.Voysey@act.gov.au>](#)
Sent: 28 June 2019 14:50
To: [Schedule 2.2\(a\)\(i\)](#)
Cc: [Hooper, Richard <Richard.Hooper@act.gov.au>](#)
Subject: Gungahlin Leisure Centre Remediation Works [DLM=Sensitive]

Good afternoon [Schedule 2.2\(a\)](#)

As per our discussion, the remediation works in the 50 metre pool at the Gungahlin Leisure Centre are due to commence on Monday next week.

As requested, please find attached a copy of the programme and pool tiling methodology. Please let me know if you have any concern/issues with the attached documents.

In relation to the programmed dates of 11 July (inspection by consultant/ tile testing [independent company]/ Crystal Pools) and 25 July (Inspection by consultant), if ACT Property Group feels that we need an independent consultants advice/report, would you be available to attend on or around these dates to provide this advice?

If you are available on these dates, could you please provide me with some indicative costings?

Please don't hesitate to contact me on 02 6207 5809 if you have any concerns or require any further information.

Kind Regards

Grant

Grant Voysey | A/g Assistant Director | Aquatics Management

Ph: (02) 620 75809 / Schedule 2.2(a)(ii)

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PO Box 777, Fyshwick, ACT, 2609 | http://www.economicdevelopment.act.gov.au/government-property/act_property_group

If you have any feedback for the ACT Property Group, please email actpgfeedback@act.gov.au

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Initial information

Type of report *

Crystalline Silica

Inspector ID *

P05543

Inspection number

WPV-P05543-VJISR3

Lead inspector *

Stuart McKenzie

Is there any accompanying inspectors *

Yes No

Date *

24 Jun 2019

Time commenced *

09:15

Type of WPV *

Proactive Reactive

Legislation *

- Dangerous Goods(Road Transport) ACT 2009
- Dangerous Substances Act 2004
- Long Service Leave Act 1976
- Machinery Act 1949
- Scaffolding and Lifts Act 1912
- Work Health and Safety Act 2011
- Workers Compensation Act 1951

Is this a joint inspection? *

Yes No

Name of individual or registered company *

Other

Name of individual or registered company *

YMCA NSW

ABN

28067150010

ACN

Business or trading name (if different)

15

Registered company address

Address line 1 *

Address line 2

Suburb *

State *

Postcode *

Contact name *

Contact number *

Email address *

Workers compensation

Is a compulsory Workers Compensation Policy maintained? *

- Yes
- No
- Not applicable

Details of inspection

Site/Workplace address

Address line 1 *

Address line 2

Suburb *

State

Postcode *

Notification of entry to (as required by s164) *

- PCBU
- Manager
- Supervisor
- HSR
- Other
- N/A

Inspector notes

On arriva I met [Schedule 2.2\(a\)\(ii\)](#) (Operations Coordinator). I explained to [Schedule 2](#) that we had received some concerns about large amounts of dust coming from some tiling work in the poo area and it was thought silica could we be involved.

[Schedule 2](#) said he had never heard of silica dust and walked me to the emptied poo where one remaining worker was sealing between the newly installed tiles with silicon sealant on the south poo wall.

[Schedule 2](#) explained the northern wall had developed a leak which led to the tiles on that wall and a lengthy section of tiles on the southern wall being removed. Before the new tiles could be reinstated the original material used to glue the tiles to the concrete walls had to be removed. [Schedule 2](#) thought that this was done by approximately five (5) workers using angle grinders and that the activity with the angle grinders lasted on only one (1) day.

[Schedule 2](#) advised the facility is ACT Government owned and run by YMCA NSW and that the poo was originally installed by Crystal Pools from Sydney and thought to be still within the warranty period therefore the work to be carried out to remedy the leak was arranged by ACT Government Property Group. Another female worker provided me a note with for the ACT Government contact person Grant Voysey on 6207 5809 or [Schedule 2.2\(a\)\(ii\)](#) or grant.voysey@act.gov.au.

Form 1 - Workplace visit record/checklist/self-audit tool

HSR *

Activity (i.e. manufacturing composite stone, benchtops, foundries, concrete, brick laying, tiling etc) *

Number of employees:

Full time

Part time

Casual

Part A: Hazard identification, control and communication

A11 - Are there any workers/ workgroups that are exposed to RCS? (s49 WHS Reg) *

- Yes
- No
- Not applicable

A12 - Have workers been made aware of the hazards of exposure, including health effects to RCS? (s379 WHS Reg) *

- Yes
- No
- Not applicable

A13 - Are Safety Data Sheets for manufactured products containing silica, accessible to workers (e.g. fibre cement products)? (s344 WHS Reg) *

17

- Yes
- No
- Not applicable

A14 - Does the PCBU have personal air monitoring data which confirms its workers are exposed to crystalline silica below the exposure standard of 0.1mg/m₃ (s49 WHS Reg) *

- Yes
- No
- Not applicable

Part B - Engineering and isolation controls - Appendix B

B20 - Is the PCBU relying on engineering and isolation controls to demonstrate compliance with the exposure standard? (s36 & s37 WHS Reg) *

- Yes
- No
- Not applicable

Identify if any of the following plant or equipment are being used on site, then refer to the Quick Guide

- B21 - Stationary masonry saws - Ref a)
- B22 - Handheld power saws (any blade diameter) - Ref b)
- B23 - Handheld power saws -fibre cement (only for blade diameter < 8"and outdoor tasks) - Ref c)
- B24 - Walk-behind saws - Ref d)
- B25 - Impact and rotary hammer drills - Ref g)
- B26 - Jackhammers and handheld powered chipping tools - Ref j)
- B27 - Handheld grinders for mortar removal (tuck pointing) - Ref k)
- B28 - Handheld grinders for uses other than mortar removal - Ref l)
- B29 - Walk behind milling machines and floor grinders - Ref m)
- B30 - Other Equipment - Ref Appendix D
- B31 - Other Equipment - Ref Appendix C
- B32 - Other Equipment

Part C - Respiratory protective equipment (RPE) - Appendix E

C33 - Does the PCBU rely on RPE to control exposures for their workers to be below the exposure standard (i.e. 0.1 mg/m³)? *

- Yes
- No
- Not applicable

Part D - Health Monitoring to 'further information' in the Crystalline Silica Dust Guidance Note

D40 - Is there a significant risk to the health? (i.e. air monitoring indicates exposures approach the WES or engineering and isolation controls are not sufficiently effective) (s368 WHS Reg) *

- Yes
- No
- Not applicable

D41 Has the PCBU arranged health monitoring where there is a significant risk to health? (If notices have been issued to implement controls to significantly reduce the risk to health: answer = N/A) (s368 WHS Reg) * 18

- Yes
- No
- Not applicable

D42 - Is the health monitoring carried out by or under the supervision of a registered medical practitioner (RMP) with experience in health monitoring? (s371 WHS Reg) *

- Yes
- No
- Not applicable

D43 - Has the PCBU provided the RMP with information on the workers tasks, length of exposure and where available, exposure events? (s373 WHS Reg) *

- Yes
- No
- Not applicable

D44 - Has the PCBU obtained copies of health monitoring reports for its workers? (s374 WHS Reg) *

- Yes
- No
- Not applicable

D45 - Does the PCBU provide copies of health monitoring reports to its workers as soon as practicable, after it obtains a report? (s375 WHS Reg) *

- Yes
- No
- Not applicable

D46 - Does the PCBU keep health monitoring reports as a confidential record in relation to a worker and for a period of 30 years? (s378 WHS Reg) *

- Yes
- No
- Not applicable

D47 - Have any test results indicated that the worker may have contracted a disease, or illness because of exposure to RCS? (s374 WHS Reg) *

- Yes
- No
- Not applicable

D48 - Has the PCBU reviewed control measures after receiving a report that a worker has suffered an illness/disease or a recommendation from a RMP? (s352 WHS Reg) *

- Yes
- No
- Not applicable

D49 - Has the PCBU provided a copy of a health monitoring report to WorkSafe ACT where any worker has contracted an illness/disease from RCS? (s376 WHS Reg) *

- Yes
- No
- Not applicable

D50 - Has the PCBU provided a copy of a health monitoring report to WorkSafe ACT where the report contains a recommendation for remedial measures including whether a worker can continue to work with RCS? (s 376 WHS Reg 19) *

- Yes
- No
- Not applicable

Inspector notes

Form 2 - Pre-entry requirements & assessment

20

Inspector name

Stuart McKenzie

Inspector ID number

P05543

Date

2019-07-24

Site/Workplace

Address line 1 *

17

Address line 2

Va ey Avenue

Suburb *

GUNGAHLIN

State

ACT

Postcode *

2912

Individual or registered company details

Name of individual or registered company

YMCA NSW

Address line 1 *

Level 5

Address line 2

20 Smith Street

Suburb *

Parramatta

State *

NSW

Postcode *

2150

Contact

Schedule 2.2(a)(4) (Operations Co-ordinator)

KEY REQUIREMENTS

Hazardous Chemicals Register

You must have a Hazardous Chemicals Register (HCR) readily accessible to the inspector prior to their entry to the workplace. The HCR includes each chemical at the workplace however during this visit as a minimum, a list of on-site products containing silica accompanied by a current Safety Data Sheet (SDS) will suffice. (WH&S Reg 346)

Assessment for Respirable Silica dust

What actions have you taken to identify any workers or other persons like you to be exposed to respirable silica dust, what control measures have you implemented and maintained to effectively control exposures to workers or other persons prior to WorkSafe ACT's impending visit? Please refer to the questions below;

1. Does a study of SDSs or research about chemical composition of materials used/ handled in the workplace show significant percentage of silica in the materials? *

- Yes
- No
- Not applicable

Comments

2. If dust is generated in either an open space and/or in a closed space like a room or shed then is there any system in place for capturing dust by drawing air through a high efficiency particulate filter (capture ventilation)? *

21

- Yes
- No
- Not applicable

Comments

3. How much total time in minutes or hours in a shift would these workers be spending at the source of the dust generation? *

- Yes
- No
- Not applicable

Comments

4. Has any study or evaluation been done regarding the dust control measures as above? *

- Yes
- No
- Not applicable

Comments

5. Are the dust control measures checked (if so, how?) and maintained regularly? *

- Yes
- No
- Not applicable

Comments

6. Is any other particular class of workers/other persons (such as other contractors, technicians, operators, drivers, members of the public etc) required to come close to the area where dust is generated? *

- Yes
- No
- Not applicable

Comments

22

7. How often in a shift, are these workers/other persons (as identified in 6); required to come close to the location of dust generation? *

- Yes
- No
- Not applicable

Comments

8. How much total time in minutes or hours would these workers/other persons be spending close to the location of dust generation? *

- Yes
- No
- Not applicable

Comments

9. Is there any class of workers (such as maintenance crew), who go into confined/enclosed spaces like silos, mixers sheds etc where dust from high silica content materials may be present? *

- Yes
- No
- Not applicable

Comments

10. Would the activities of the workers as above disturb the dust? *

- Yes
- No
- Not applicable

Comments

11. How often are these workers as above required to be in the confined or enclosed and for what duration each time? *

- Yes
- No
- Not applicable

Comments

12. Has any study or evaluation been done regarding the dust control measures as above? (as identified in 9) *

- Yes
- No
- Not applicable

Comments

13. Are the dust control measures checked (if so, how?) and maintained regularly? *

- Yes
- No
- Not applicable

Comments

14. Are there suitable respirator masks provided to these workers who could be exposed to silica dust hazard? *

- Yes
- No
- Not applicable

Comments

15. Is there a system in place to ensure that the respirator masks are checked frequently and worn correctly by workers when they are close to the location of dust generation? *

- Yes
- No
- Not applicable

Comments

24

General comments

Phone: 131 450

Further action

Further action required? *

Yes **No**

Further inspections required? *

Yes **No**

Selecting Yes to the above question will cause a revisit task to be created in your task list

Notices issued *

Yes **No**

Previous notice/s issued?

Yes **No**

Finalisation details

Photos

Other attachments (documents)

WPV for asbestos related issue *

Yes

No

Industry group *

Arts and recreation Services

Time finished *

09:30

Disclaimer:

The issues identified during this Inspection are only indicative of compliance with the Work Health and Safety Act 2011, Work Health and Safety Regulation 2011, Dangerous Substance Act 2004 and Workers Compensation Act 1951 on the date of the Inspection. If compliance is identified during this Inspection, it does not remove the obligation of any person to comply with any further requirement of the above mentioned Acts and Regulations.

Lead inspector email address *

Stuart.McKenzie@act.gov.au

How many other email addresses would you like to send this to? *

1

Email *

iam.bore@ymcansw.org.au

Privacy notice

The information collected for the purpose of the Work Health and Safety Act 2011 and is in accordance with the Information Privacy Act 2014. WorkSafe ACT prevents any unreasonable intrusion into person's privacy in accordance with the Privacy Act 1988 (C'W th) and Information Privacy Act 2014. WorkSafe ACT provides identifiable information which can be disclosed to other law enforcement agencies and authorised organisations that have legal authority to request information under prescribed circumstances.





From: [Voysey, Grant](#)
To: [Hooper, Richard](#)
Subject: GLC - Minutes 2 October 2018 [DLM=For-Official-Use-Only]
Date: Wednesday, 21 August 2019 9:26:05 AM
Attachments: [2 October 2018 Minutes - Gungahlin Leisure Centre.pdf](#)

Hi Richard,

Please find attached the Minutes which state under item 5 that the costs associated with refilling and handing back a fully operational pool are to be covered **Schedule 2.2(a)(ii)**

I will chase up the costs to reheat and chemical dose the water and get back to you shortly.

Kind Regards

Grant

Grant Voysey | A/g Assistant Director | Aquatics Management

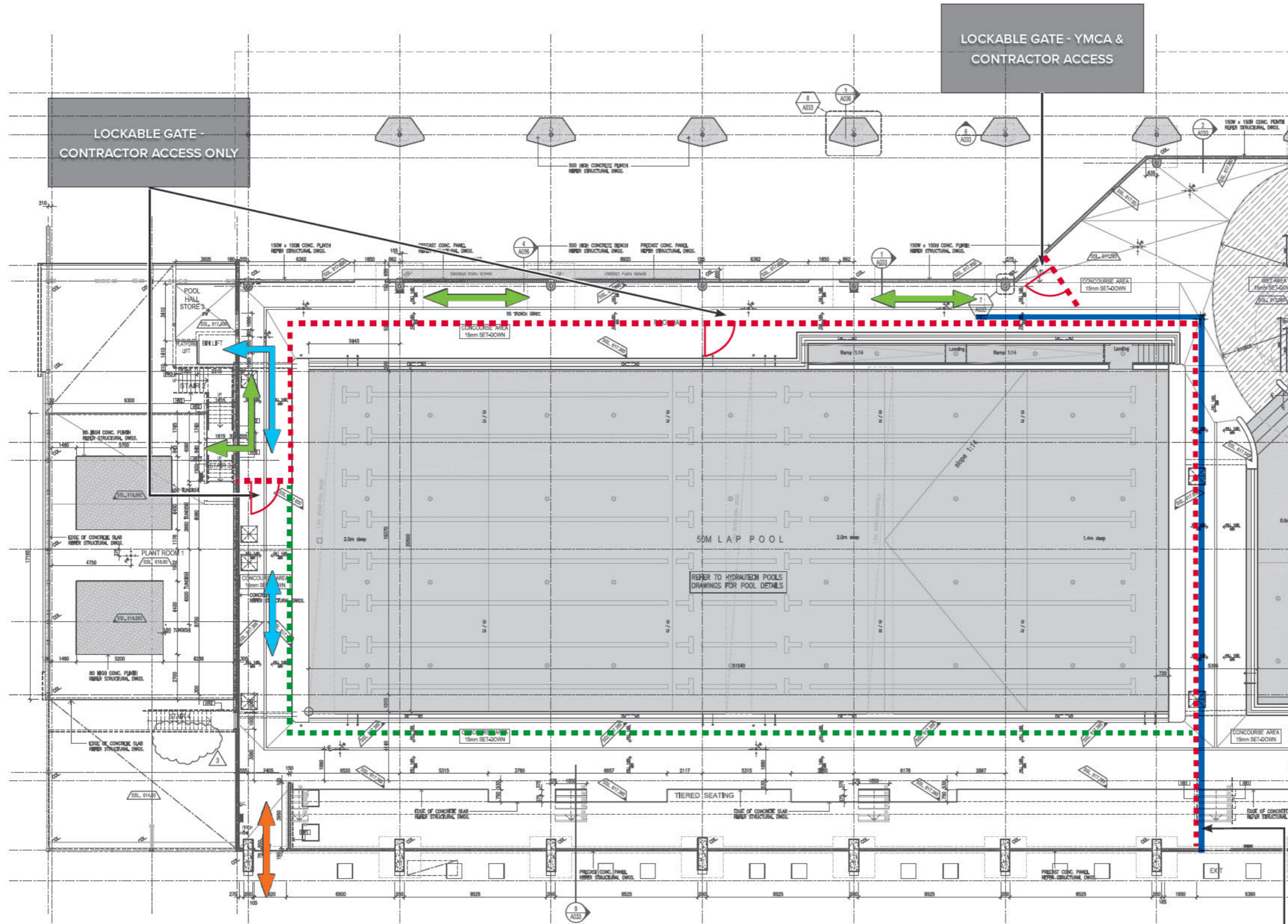
Ph: (02) 620 75809 / **Schedule 2.2(a)(ii)**








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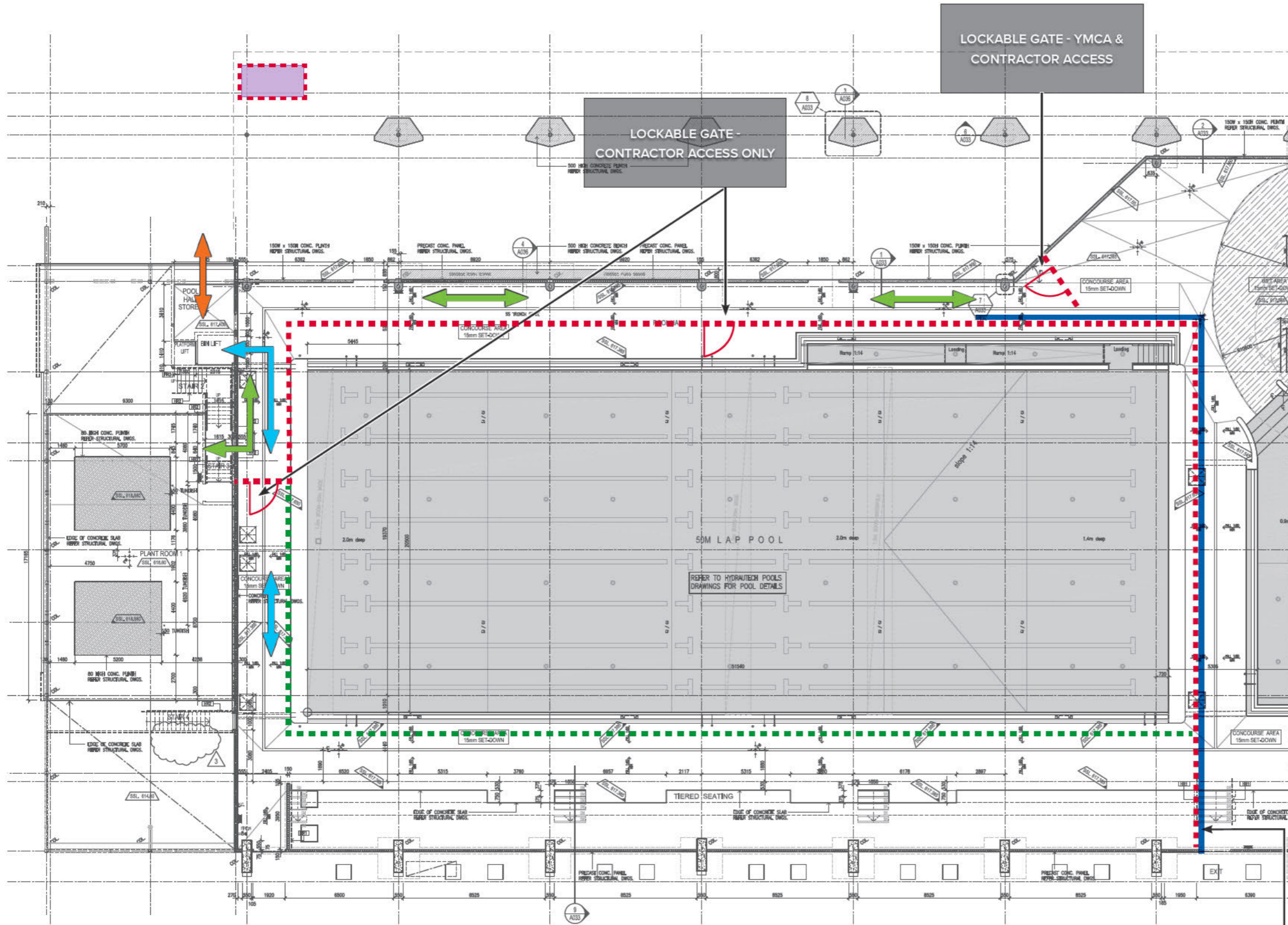
GUNGAHLIN LEISURE CENTRE ACCESS & SAFETY PLAN FOR TILING REPLACEMENT WORKS



LEGEND	
	TEMPORARY FENCE PANEL (WITH PLASTIC FEET & BRACING)
	SAFETY BARRIER TO POOL EDGE
	SITE ENTRANCE GATE
	SHADECLOTH
	CONSTRUCTION MATERIALS IN
	YMCA ACCESS TO PLANTROOM
	WASTE MATERIAL TO BIN LIFT (BIN LOCATED IN LOADING DOCK)

PLY INFILL BELOW FENCE PANEL TO SEATING PLATS

GUNGAHLIN LEISURE CENTRE ACCESS & SAFETY PLAN FOR TILING REPLACEMENT WORKS




LEGEND	
	TEMPORARY FENCE PANEL (WITH PLASTIC FEET & BRACING)
	SAFETY BARRIER TO POOL EDGE
	SITE ENTRANCE GATE
	SHADECLOTH
	CONSTRUCTION MATERIALS IN
	YMCA ACCESS TO PLANTROOM
	WASTE MATERIAL TO BIN LIFT (BIN LOCATED IN LOADING DOCK)
	TEMPORARY FENCING

PLY INFILL BELOW FENCE PANEL TO SEATING PLATS

GUNGAHLIN LEISURE CENTRE ACCESS & SAFETY PLAN FOR TILING REPLACEMENT WORKS



LEGEND	
	CONSTRUCTION MATERIALS IN
	TEMPORARY FENCING



From: [Voysey, Grant](#)
To: [Hooper, Richard](#)
Subject: Tile issue at GLC [DLM=For-Official-Use-Only]
Date: Thursday, 22 August 2019 3:24:17 PM
Attachments: [20190822_134548_1566446398957_resized.jpg](#)
[photo of cracked tile.docx](#)

Please find attached a copy of tiles that have been removed from the area near the fourth construction joint in the shallow end; and the cracked tile in the first step of the steps on the northern wall just up from the boom (see the arrow pointing to the white tile on the right hand side of the first step).

Kind Regards

Grant

From: [Croser, Sam](#)
To: [Hooper, Richard](#)
Cc: [Voysey, Grant](#)
Subject: FW: Gungahlin 50m balance tank clean
Date: Tuesday, 9 July 2019 9:50:19 PM

Hi Hoops

Can you check with ADCO to see if YMCA NSW's contractor, [Schedule 2.2\(a\)\(ii\)](#), will be able to have access to the 50m pool balance tank on Thursday so it can be cleaned as part of their maintenance whilst the 50m pool has been shut down?

Regards

Sam Croser | A/g Director | Asset Management | Portfolio Management Team

Ph: (02) 6207 1693 | Fax: (02) 6207 2071 | [Schedule 2.2\(a\)\(ii\)](#)

ACT Property Group | Chief Minister, Treasury and Economic Development Directorate | ACT Government

PO Box 777, Fyshwick, ACT, 2609 | http://www.economicdevelopment.act.gov.au/government-property/act_property_group

For repairs and maintenance related matters, please contact the Response Centre, **T:** 6213 0700 **E:** actpg@act.gov.au

If you have any feedback for the ACT Property Group, please email actpgfeedback@act.gov.au

From: [Schedule 2.2\(a\)\(ii\)](#)
Sent: Tuesday, 9 July 2019 9:55 AM
To: Croser, Sam <Sam.Croser@act.gov.au>
Cc: [Schedule 2.2\(a\)\(ii\)](#)
Subject: Gungahlin 50m balance tank clean

Hi Sam,

As discussed I would like to confirm that we are able to gain access to the 50m pool balance tank at Gungahlin Leisure Centre this Thursday to carry out a clean. This is the last task left to complete on our scope of works from the recent shut down quote.

Please let me know if this is possible.

Regards,



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

[Contract Technician](#)

cid:image001.png@01CBC903.A948B370

NSW (Head Office)

7-9 Carrington Road,
Marrickville, NSW Australia, 2204
Work ph: [\(02\)8566 3666](tel:(02)8566 3666)
Sales/Acct fax: [\(02\)8566 3601](tel:(02)8566 3601)
Service fax: [\(02\)8566 3667](tel:(02)8566 3667)

Schedule 2.2(a)(ii)

Email: qldservice@trisley.com.au

Web: www.trisley.com.au

QLD

Unit 5/15 Porter Street,
Hemmant, QLD, Australia, 4174
Work ph: [\(07\)3890 7217](tel:(07)3890 7217)
Work fax: [\(07\)3890 7237](tel:(07)3890 7237)
Schedule 2.2(a)(ii)

Email: waservice@trisley.com.au

WA

Unit 3/23 Catherine Street,
Bentley, WA, Australia, 6102
Work ph: [\(08\)9258 7764](tel:(08)9258 7764)
Work fax: [\(08\)9258 7763](tel:(08)9258 7763)

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From: [Voysey, Grant](#)
To: [Hooper, Richard](#)
Subject: FW: Gungahlin leisure Centre [DLM=For-Official-Use-Only]
Date: Wednesday, 5 June 2019 1:41:24 PM
Attachments: [image001.jpg](#)

Hi Richard,

Are you able to shed any light in relation to the email below from [REDACTED]?

Kind Regards

Grant

From: Schedule 2.2(a)(ii) [REDACTED]
Sent: Wednesday, 5 June 2019 1:20 PM
To: Voysey, Grant <Grant.Voysey@act.gov.au>
Cc: Schedule 2.2(a)(ii) [REDACTED]
Subject: Gungahlin leisure Centre

Hi Grant

Hope your day has been good

Thank you for your time on the phone, as discussed I contacted [REDACTED] to have the lift at Gungahlin Leisure centre serviced.

They informed me that they were unable to complete the service due to outstanding accounts for the retention of the install, are you able to assist with this matter.

Thank you

Regards

[REDACTED] | Operations Coordinator
Gungahlin Leisure Centre | 71 The Valley Ave, Gungahlin, ACT, 2912
p 02 6241 1132 [REDACTED]
[REDACTED] w <https://www.ymcansw.org.au/centres/gungahlin-leisure-centre/>
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From: [Voysey, Grant](#)
To: [Hooper, Richard](#)
Cc: [Croser, Sam](#)
Subject: Fwd: Workplace Visit Report Combined, YMCA NSW, WH5T6J
Date: Wednesday, 24 July 2019 4:32:42 PM
Attachments: [20190724-WPV-P05543-VJISR3-YMCA NSW-17 GUNGAHLIN 2912.pdf](#)

Fyi

Grant

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From: **Schedule 2.2(a)(ii)**
Sent: Wednesday, July 24, 2019 4:29 pm
To: Voysey, Grant
Subject: FW: Workplace Visit Report Combined, YMCA NSW, WH5T6J

Afternoon Grant

Just an FYI, we had Worksafe inspectors out today regarding a complaint about the large amounts of dust coming from the tiling that occur last week.

The inspectors report is attached, however it shows nothing further to be done.

I did give him your contact details, as he requested contacts for the workman that were here completing the works? Not sure if he contacted you directly.

Let me know if you need me to do anything else

Regards

Schedule 2.2(a)(ii)

Schedule 2.2(a)(ii) | Centre Manager
Gungahlin Leisure Centre | 71 The Valley Ave, Gungahlin, ACT, 2912
 p 02 6241 1132 **Schedule 2.2(a)(ii)**
 w <https://www.ymcansw.org.au/centres/gungahlin-leisure-centre/>
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From: **Schedule 2.2(a)(ii)**
Sent: Wednesday, 24 July 2019 12:55 PM
To: **Schedule 2.2(a)(ii)**
Subject: Fwd: Workplace Visit Report Combined, YMCA NSW, WH5T6J

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----- Forwarded message -----

From: "smartforms@act.gov.au" <smartforms@act.gov.au>

Date: Wed, Jul 24, 2019 at 12:39 PM +1000

Subject: Workplace Visit Report Combined, YMCA NSW, WH5T6J

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

Cc: "WorksafeNotices@act.gov.au" <WorksafeNotices@act.gov.au>



WORKPLACE VISIT REPORT COMBINED

Please see attached PDF to view a copy of your Workplace Visit report.

Inspection number	WPV-P05543-VJISR3
Lead inspector	Stuart McKenzie
Company name	YMCA NSW
Submission ID	20190724117588
Tracking number	WH5T6J

For any further information please contact WorkSafe on:

Telephone: [\(02\) 6207 3000](tel:(02)62073000)

Facsimile: [\(02\) 6205 0336](tel:(02)62050336)

Email: worksafe@act.gov.au

You also contact WorkSafe through the [Access Canberra WorkSafe ACT Report online form](#).

ACT Government

Note: Please do not reply to this auto-generated email.

From: [Croser, Sam](#)
To: [Schedule 2.2\(a\)\(ii\)](#); [Hooper, Richard](#)
Cc: [Schedule 2.2\(a\)\(ii\)](#); [Voysey, Grant](#)
Subject: Re: 50m pool
Date: Friday, 5 July 2019 5:16:21 PM

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

Have a good weekend.

Regards

Sam Croser | A/g Director | Asset Management | Portfolio Management Team

Ph: (02) 6207 1693 | Fax: (02) 6207 2071 | [Schedule 2.2\(a\)\(ii\)](#)

ACT Property Group | Chief Minister, Treasury and Economic Development Directorate
| ACT Government

PO Box 777, Fyshwick, ACT, 2609

| http://www.economicdevelopment.act.gov.au/government-property/act_property_group

From: [Schedule 2.2\(a\)\(ii\)](#)
Sent: Friday, July 5, 2019 5:13:44 PM
To: Croser, Sam; Hooper, Richard
Cc: [Schedule 2.2\(a\)\(ii\)](#); Voysey, Grant
Subject: FW: 50m pool

Afternoon gents,

Just wanted to forward the info below as I know Grant is on leave at the moment, thanks.

Kind regards,

[Schedule 2.2\(a\)\(ii\)](#) | Area Manager
YMCA NSW | 71 The Valley Avenue, Gungahlin ACT 2913
[Schedule 2.2\(a\)\(ii\)](#) | p 02 6241 1132
[Schedule 2.2\(a\)\(ii\)](#) | w ymcansw.org.au
Follow us! [facebook](#) | [twitter](#) | [youtube](#) | [instagram](#)

From: [Schedule 2.2\(a\)\(ii\)](#)
Sent: Friday, 5 July 2019 4:55 PM
To: grant.voysey@act.gov.au
Cc: [Schedule 2.2\(a\)\(ii\)](#)
Subject: 50m pool

Hi Grant,

Just giving you an update on the 50m pool works,

[Schedule 2.2\(a\)\(ii\)](#) from Crystal pools has begun the draining of the pool.

As of now there are two submersible pumps pumping water down into the waste drainage

in the plant room.

Schedule 2.2(a)(ii) was unaware that the pool pumps were still going, he asked me to shutdown the pool.

I turned off the recirculating pumps and isolated the UV and the heat exchange.

I know Crystal Pools were supposed to do all this and I only did it to avoid any damage to the plant room.

I conducted the shutdown as per our plant room manual. Just letting you know to cover any issues that may arise.

If you need to discuss this with me my mobile number is **Schedule 2.2(a)(ii)**.

Regards

Schedule 2.2(a)(ii) | Duty Manager

Gungahlin Leisure Centre | 71 The Valley Ave, Gungahlin, ACT, 2912

p 02 6241 1132

e **Schedule 2.2(a)(ii)** w <https://www.ymcansw.org.au/centres/gungahlin-leisure-centre/>

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From: [Voysey, Grant](#)
To: [Hooper, Richard](#)
Cc: [Schedule 2.2\(a\)\(ii\)](#); [Croser, Sam](#)
Subject: RE: GLC 50m pool [DLM=For-Official-Use-Only]
Date: Wednesday, 21 August 2019 1:51:45 PM
Attachments: [20190821_132832_resized.jpg](#)

Hi Richard,

Can you please liaise with [Schedule 2.2\(a\)\(ii\)](#) to have the diver come to Canberra urgently to address the tile issue as seen in the photo. Please refer to [Schedule 2.2\(a\)\(ii\)](#) email below in relation to the location.

Kind Regards

Grant

From: [Schedule 2.2\(a\)\(ii\)](#)
Sent: Wednesday, 21 August 2019 1:44 PM
To: Voysey, Grant <Grant.Voysey@act.gov.au>
Subject: FW: GLC 50m pool

Hi Grant,

As discussed, please see attached photo of tiles coming away from the wall on the northern wall, approx. 10m along the wall from the shallow end (pool side of the ramp wall)

Please let me know if you need any more photos

Kind regards,

[Schedule 2.2\(a\)\(ii\)](#) | Area Manager
YMCA NSW | 71 The Valley Avenue, Gungahlin ACT 2913
[Schedule 2.2\(a\)\(ii\)](#) | p 02 6241 1132
[Schedule 2.2\(a\)\(ii\)](#) | [w ymcansw.org.au](#)
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From: [Schedule 2.2\(a\)\(ii\)](#)
Sent: Wednesday, 21 August 2019 1:34 PM
To: [Schedule 2.2\(a\)\(ii\)](#)
Subject: GLC 50m pool

Regards

[Schedule 2.2\(a\)\(ii\)](#)
Area Manager
YMCA NSW
[Schedule 2.2\(a\)\(ii\)](#)

From: [Voysey, Grant](#)
To: [Schedule 2.2\(a\)\(i\)](#)
Cc: [Hooper, Richard](#)
Subject: RE: Gungahlin Leisure centre [DLM=For-Official-Use-Only]
Date: Friday, 28 June 2019 11:03:20 AM
Attachments: [image001.jpg](#)

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

Thanks for the update.

I have copied Richard into this email and he will seek confirmation in relation to your last paragraph.

Kind Regards

Grant

From: [Schedule 2.2\(a\)\(ii\)](#)
Sent: Friday, 28 June 2019 10:31 AM
To: Voysey, Grant <Grant.Voysey@act.gov.au>
Subject: Gungahlin Leisure centre

Hi Grant

Hope your day has been good

I am writing to confirm the de-heating of the 50m pool as of today the 28th of June 2019. I will be reducing the temperature by 1 degree every day at 4pm for eight days as requested.

The operation team will not be changing any of the dosing to either pools over the weekend of the 29th June as pools have guidelines and we need to operate within these guidelines. As my understanding Crystal pools are handling these procedures as of the 1st July.

Do we also have a time Crystal pools will be arriving on Monday to reduce chemicals and other systems as would like to ensure all works completed are actioned in a manner to preserve all works completed by Trisleys this week.

Thank you

Regards

[Schedule 2.2\(a\)\(i\)](#) | Operations Coordinator

Gungahlin Leisure Centre | 71 The Valley Ave, Gungahlin, ACT, 2912

p 02 6241 1132 m [Schedule 2.2\(a\)\(i\)](#)

[w https://www.ymcansw.org.au/centres/gungahlin-leisure-centre/](#)

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From: [Voysey, Grant](#)
To: [Schedule 2.2\(a\)\(ii\)](#)
Cc: [Hooper, Richard](#)
Subject: RE: N6481 - 71 The Valley Ave Guncahlin - Outstanding Retention [DLM=For-Official-Use-Only]
Date: Thursday, 6 June 2019 4:18:07 PM

If this remains a sticking point, I can process a work order at ACT Property Group for a panel contractor to service the lift and the invoice can be forwarded to YMCA NSW to pay.

Kind Regards

Grant

From: [Schedule 2.2\(a\)\(ii\)](#)
Sent: Thursday, 6 June 2019 3:03 PM
To: [Schedule 2.2\(a\)\(ii\)](#) <Grant.Voysey@act.gov.au>
Cc: Hooper, Richard <Richard.Hooper@act.gov.au>
Subject: RE: N6481 - 71 The Valley Ave Guncahlin - Outstanding Retention

Hi Grant,

Not sure why they have stopped service now as it was serviced just over 12 month ago, around April last year.

Kind regards,

[Schedule 2.2\(a\)\(ii\)](#) | Area Manager
YMCA NSW | 71 The Valley Avenue, Gungahlin ACT 2913
[Schedule 2.2\(a\)\(ii\)](#) | p 02 6241 1132
[Schedule 2.2\(a\)\(ii\)](#) | w ymcansw.org.au
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From: [Schedule 2.2\(a\)\(ii\)](#)
Sent: Thursday, 6 June 2019 2:51 PM
To: 'Voysey, Grant' <Grant.Voysey@act.gov.au>
Cc: 'Hooper, Richard' <Richard.Hooper@act.gov.au>; [Schedule 2.2\(a\)\(ii\)](#)
Subject: FW: N6481 - 71 The Valley Ave Guncahlin - Outstanding Retention

Hi Grant

Hope your day has been good

As requested I contacted easy living home elevators and [Schedule 2.2](#) forwarded me the below email to inform of what is needed to action a service at the centre

Thank you

Regards

[Schedule 2.2\(a\)\(ii\)](#) | Operations Coordinator
Gungahlin Leisure Centre | 71 The Valley Ave, Gungahlin, ACT, 2912
 p 02 6241 1132 m [Schedule 2.2\(a\)\(ii\)](#)

Schedule 2.2(a)(ii) w <https://www.ymcansw.org.au/centres/gungahlin-leisure-centre/>
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From: **Schedule 2.2(a)(ii)**
Sent: Thursday, 6 June, 2019 2:40 PM
To: **Schedule 2.2(a)(ii)**
Subject: N6481 - 71 The Valley Ave Guncahlin - Outstanding Retention

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

As per our conversation earlier, The 5% retention on this contract is outstanding for total **Schedule 2.2(a)(xiii)** but Adco Constructions.

Retention amount is usually due one year after lift has been handed over.

Once the payment has been made we can start providing service.

Please feel free to contact me if you have any questions or concerns.

Thank you

Schedule 2.2(a)

Schedule 2.2(a)(ii) | Accounts Receivable

Part of our friendly accounts team with superior attention to detail and exceptional communication skills, Roya looks after day to day processing of accounts receivable transactions.

PLEASE NOTE: Our account details have not changed, any emails advising of any change to our account details please disregard and contact our office immediately.

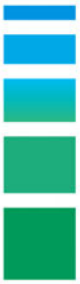
t. 02 8116 1500

Schedule 2.2(a)(ii)

w. www.easy-living.com.au

a. 64 Penshurst Street, Willoughby NSW 2068





High Performance Paint Product Data Sheet



EPOTEC NT EPOXY

72-XXXX JUL 18



DESCRIPTION: A two pack epoxy coating designed for application to a dry surface. When fully cured, its film is taint free, non-toxic, hygienic, easily cleaned, tile-like and seamless. It possesses very high chemical resistance.

PERFORMANCE:

- 100% Cross linked positive cured.
- Controlled pot life to get best performance.
- Good long term durable coating with best UV stability.
- New 5 kg packaging better value for money.
- A multi-purpose high build coating for interior and exterior surfaces.
- Suitable for immersion in water and suitable for swimming and spa pools.
- Suitable for industrial situations; on walls, floors and machinery that are subject to attack by water, chemicals, mineral oil etc.

LIMITATIONS: Not suitable for use as a tank lining for vegetable oils and fatty acids such as lactic or acetic acid. Product has strong exotherm. Not recommended as a coating for polyethylene or acrylic swimming pools. Do NOT apply EPOTEC NT EPOXY when the air temperature is below 15°C and no application at all should be attempted below 13°C ground temperature particularly in wet or humid conditions.

TECHNICAL DATA:

Resin:	Epoxy/Polyamine
Solvent:	Not Applicable
Finish:	Gloss (85%+ @ 60°)
Colour:	Std Colours/Limited Colours
Touch Dry (minimum):	5-7 hours @ 20°C
Recoat Time (minimum):	10-12 hours @ 20-25°C
	Full Cure – 7 days
Primer:	See over
Number of Coats:	Minimum of 2
Dry Film Thickness:	150 microns/Nominal <2mm max
Wet Film Thickness:	150 microns/Nominal <2mm max
Durability:	Excellent
Thinning and Clean Up:	Epotec Thinners 107
VOC:	15-23 g/litre
Pot Life:	90 mins @ 23°C
	Aim to apply product in 60 mins.
Mixing Ratio:	4:1 by weight
Pack Size:	5 Kg

SPREAD RATE:

Theoretical Coverage:	20-25 m ² /pack/coat 1 st Coat
	30 m ² /pack/coat 2 nd Coat.

Coverage depends on surface profile and porosity.

COMPUTER CODES:

Epotec NT Epoxy (Std Colours) 72-13XX

Coating Technologies Limited, 16 Aetna Place, Henderson, Auckland, New Zealand

Phone: 0064 9 837 0897 Fax: 0064 9 837 3736 www.cotec.co.nz

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from the date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.

EPOTEC NT EPOXY

SURFACE PREPARATION:

(Refer to Surface Preparation and Paint Systems for general guidance and EPOTEC NT EPOXY Application Notes, for specific details). All surfaces must be clean, dry, algae free and stable. All cracks and joints need to be treated as appropriate. EPOTEC NT EPOXY will not bridge moving cracks or joints. Control joints need to be fully expressed and designed for the movement expected and filled with suitable sealant. Commencement of work on a surface means you accept that surface as suitable. If in any doubt seek further advice.

CONCRETE, CEMENT PLASTER, OLD AND NEW (UNPAINTED) INCLUDING MINERAL – AGGREGATE SURFACES:

New Cementitious Surfaces: Allow to cure 28 days concrete, 7 days render and similar. New, tight surfaces: Provide open surface. Remove laitance with 10% Hydrochloric Acid Etch. Saturate the surface with a low pressure spray, allow to react for 10 mins, rinse/brush off completely and allow to dry. See Epotec Specification PS-C001 Acid Etching of Concrete with Hydrochloric Acid for full details.

CONCRETE, CEMENT PLASTER, FIBREGLASS, OLD AND NEW (PAINTED) INCLUDING MINERAL – AGGREGATE SURFACES:

If painted, check paint type. Remove all loose paint, and all acrylic, chlorinated rubber or similar. Maybe applied only over epoxy type coatings. Refer to Epotec Specification PS-C003 Chlorinated Rubber Paint Identification Test for full details. All epoxy coatings need to be well adhered and clean, dry and stable. Best to use abrasive blast, grinding or ultra-high pressure water blast to prepare surfaces. Be careful not to create undue profile or damage underlying substrate, including mineral surfaces. All indentations and hollows to be filled with suitable fillers designed for water immersion.

SUBSTRATE FOR PAINTING:

Substrate / Surface	Application
Tiles	x
Concrete	✓
Fibreglass	✓
Acrylic	x
Polyethylene	x
Plaster	✓

Painted Surfaces	Epotec NT Epoxy
Chlorinated Rubber	x
Acrylic Paint	x
Old Epoxy	✓
Bitumen paint	x

OTHER SURFACES:

Consult Coating Technologies for specific information.

ALL SURFACES:

Ensure all body fats, oil, grease, dirt, algae are removed. Use commercial detergent or alkali wash. Pay particular attention to the waterline, steps and areas where people sit or stand in existing pools. Rinse thoroughly and allow to dry. For algae infected areas, apply pool shop algacide at about 5% solution in water, late in day, leave overnight. Next morning rinse thoroughly and allow to dry.

APPLICATION:

Surfaces to be dry. Minimum surface temperature is 13°C. Check with IR non-contact thermometer if in doubt. If surface temperature falls below 13°C, curing will slow and only continue at the normal rate, when the temperature rises. EPOTEC NT EPOXY may be effected with white blooming if it gets wet and when not fully cured. An extra coat may be required. Keep product between 15-25°C before use. If applied when too cold it's hard to spread out to get the correct film build. Adding thinners does not help.

For porous surfaces it's usual to apply one coat of CONCRETE WB EPOXY SEALER first, allow to cure overnight. (See separate CONCRETE WB EPOXY SEALER for Data Sheet for details).

EPOTEC NT EPOXY is mixed after adding all Hardener into larger Resin tin. Use slow speed power mixer for 3 mins and make sure all sides and bottom are completely mixed and homogenous. Do not entrain air. Immediately empty into roller tray and commence using. No waiting. Use cans with same batch number for last coat to maintain a uniform colour.

On smooth surfaces use 8 – 12 mm dacron rollers and 12 – 25 mm on rougher surfaces. Rougher surfaces, longer nap. Apply in "H" pattern, to a uniform thickness. Lay off in ONE direction. Use a good quality brushes for cutting in.

Allow to cure overnight (usually) 12 - 48 hours. If after 48 hours, lightly sand before second coat, with 100# grit. Airless spray can be used, but not recommended. Consult with Coating Technologies for full details.

Apply at least 2 coats, 3 on high wear areas, such as steps, ledges etc. Maximum nominal thickness per coat 300µ, but will cure to 2 mm thick. Protect EPOTEC NT EPOXY from dew, rain and dirt for the first 6 – 12 hours at 20°C.

POT LIFE:

Temperature °C	Pot Life Hours	Touch Dry Time
10	7	12
20	2	7
30	1	5

Aim to use ALL mixed material within 60 mins. Has strong exotherm and do not use when it gets hot.

THINNING AND CLEAN UP:

Thinning is not normally required. For clean-up of brushes and rollers use EPOTEC THINNERS 107, or discard after each coat. First coat maybe thinned up to 2 – 5% with EPOTEC THINNERS 107 to aid roller/ brush out application and cutting in.

ENVIRONMENTAL:

DO NOT POUR paint or wash down storm or water courses. ALWAYS dispose of in accordance with Local Government Regulations. Soak up spills with absorbent materials and dispose of properly. If spraying use suitable respiratory protection. Refer to the SAFETY DATA SHEETS.



PAINTING SPECIFICATION

SPECIFICATION NUMBER	Nov 2018	SPECIFICATION ID Generic Spec for new Concrete - Rendered Pools Epotec NT
SUBSTRATE OR ITEM TO BE COATED	NEW CONCRETE RENDERED POOLS	
	PRODUCT	APPLICATION DATA
1 ST COAT	Concrete WB Epoxy Sealer	Apply to clean, sound, dry surface, Coverage rate 8 – 10 sq M / L / coat
2 ND COAT	Epotec NT Epoxy	Apply to cured Concrete Sealer at 25 - 28 sq M / 5 kg pack/ coat. Allow to cure
3 RD COAT	Epotec NT Epoxy	Apply to cured 2 nd Coat at 28 - 30 sq M / 5 kg pack/ coat. Allow to cure.
4 TH COAT	Epotec NT Epoxy – Recommended on shallow floors	Apply to cured 3 rd Coat at 28 – 30 sq M / 5 kg pack/ coat on shallow floors only. Allow to cure.
Black Lines	Epotec NT or Epotec HB	Apply 2 coats, to cured last Coat at 18 - 20 sq M / 5 kg pack / coat. (Or with Epotec HB 10 – 12 sq M per 3 kg pack/ coat)
PREPARATION	<p>All surfaces to be clean, dry and stable. The surface temperature to be above 13C for application and curing.</p> <p>1 To interior of pool, carry out water blast to remove all, contamination and leave an open clean stable surface.</p> <p>2 May require an Acid Etch to open surface and or remove laitance.</p> <p>3 Repair any damaged areas, with suitable cement or epoxy compounds and allow to cure. Sand flush.</p> <p>4 All bare concrete – cement surfaces apply Concrete WB Sealer.</p> <p>5 Pool Joints, install suitable polyurethane, Chlorine resistant type sealant.(Installation maybe done before or after application of coating)</p> <p>5 Apply to cured Epotec NT, black NT for lines and markings etc.</p>	
COMMENTS	<p>1 Concrete – render surface to be light wood or steel float finish</p> <p>2 All surfaces to be fully cured (28 days concrete, 7 days render) before applying coatings</p> <p>3 Apply all coatings in accord with the Cotec Data Sheets and Application Notes.</p>	
<p>Any technical advice contained herein or given verbally is based on knowledge or tests believed to be reliable and is offered as a helpful suggestion only. Since methods and conditions of application are beyond our control, our liability is limited to any defect in quality or lack of fitness for the specified use of the paint. This liability is limited to the return of the purchase price if a written claim is made within 14 days of the problem being identified.</p>		



PAINTING SPECIFICATION

SPECIFICATION NUMBER	Nov 2018	SPECIFICATION ID Generic Spec for Painted Pools Epotec NT
SUBSTRATE OR ITEM TO BE COATED	OLD PAINTED POOLS	
	PRODUCT	APPLICATION DATA
1 ST COAT	Concrete WB Epoxy Sealer	Apply to clean, sound, dry surface, Coverage rate 8 – 10 sq M / L / coat
2 ND COAT	Epotec NT Epoxy	Apply to cured Concrete Sealer at 25 - 28 sq M / 5 kg pack/ coat. Allow to cure
3 RD COAT	Epotec NT Epoxy	Apply to cured 2 nd Coat at 28 - 30 sq M / 5 kg pack/ coat. Allow to cure.
4 TH COAT	Epotec NT Epoxy – Recommended on shallow floors	Apply to cured 3 rd Coat at 28 – 30 sq M / 5 kg pack/ coat on shallow floors only. Allow to cure.
Black Lines	Epotec NT or Epotec HB	Apply 2 coats, to cured last Coat at 18 - 20 sq M / 5 kg pack / coat. (Or with Epotec HB 10 – 12 sq M per 3 kg pack/ coat)
PREPARATION	<p>All surfaces to be clean, dry and stable. The surface temperature to be above 13C for application and curing.</p> <ol style="list-style-type: none"> 1 To interior of pool, carry out an abrasive blast to remove all paint, contamination and leave an open clean stable surface. Water blast if necessary, to complete prep. 2 Repair any damaged areas, with suitable cement or epoxy compounds and allow to cure. Sand flush. 3 All bare concrete – cement surfaces apply Concrete WB Sealer *. 4 Check joints for effectiveness. If need be, Remove existing, clean and install suitable polyurethane, Chlorine resistant type sealant. (Installation maybe done before or after application of coating) 5 Apply to cured Epotec NT, black NT for lines and markings etc. 	
COMMENTS	<ol style="list-style-type: none"> 1 Need to determine paint type. If Chlorinated Rubber or Acrylic, needs to completely removed! 2 Apply all coatings in accord with the Cotec Data Sheets and Application Notes. 	
<p>Any technical advice contained herein or given verbally is based on knowledge or tests believed to be reliable and is offered as a helpful suggestion only. Since methods and conditions of application are beyond our control, our liability is limited to any defect in quality or lack of fitness for the specified use of the paint. This liability is limited to the return of the purchase price if a written claim is made within 14 days of the problem being identified.</p>		



Works Methodology For Painting of Gutters and Balance Tank

**Project: Carlile Swimming – Harbord Diggers.
Address: No. 80 Evans Rd, Harbord.**

- Check specification to ensure compliance with Specified materials.
- Ensure all SWMS and OH & S compliant paperwork has been completed.
- Ensure there has been and appropriate Confined Space Entry permit approved
- Ensure all ventilation, testing, and rescue equipment is on hand prior to commencing work.
- Ensure all employees and contractors have on appropriate PPE and carry up to date certification to carry out these works.
- High Pressure wash (min. 2000 kPa) all surfaces of pool gutters and balance tanks to receive Paint ensuring all laitance or loose material is removed prior to commencement. (See attached installation sheet)
- After water blasting the structure, fill all holes and cavities.
- Install "Armaflex V" to all vertical / Horizontal pour breaks prior to installation of the first coat to paint.
- After all filling / sanding/ grinding has been completed, then the entire surface to be painted shall be acid etched using a ratio of 8:1 and then flooded with fresh water to remove all traces of the hydrochloric Acid residue. (see attached MSDS on Hydrochloric Acid)
- Install Epoxy sealer coat to the entire surface as per manufacturers recommendation. (see attached Data Sheet)
- Mix first coat of paint (as per manufacturers requirements) and apply to the surfaces ensuring correct coverage is maintained. (See attached Data Sheet)
- Inspect the surface after the application of the first coat and fill any further defects or holes prior to second coat.
- Mix second coat of paint (no thinners to be added) and apply at rate specified by the manufacturer. (see attached Data Sheet)
- Allow the paint to fully cure for min. four days prior to any water installation
- Clean all waste and debris from site.

Specified materials:

<u>Item</u>	<u>Supplier</u>	<u>Colour</u>
Water Based Sealer	Hitchens Technologies	Clear
Epoxy Pool Paint	Hitchens Technologies	Light Blue

How to CORRECTLY Apply EPOTEC NT For BEST RESULTS

1. INTRODUCTION:

In order to get a lasting result with Epotec on a pool there are 3 key things to follow and a few others that assist.

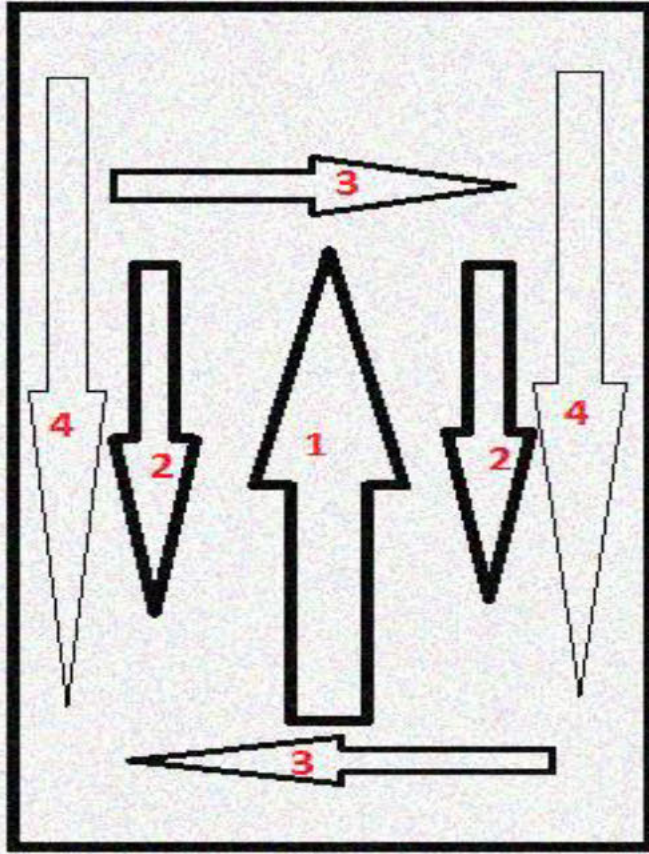
2. THREE KEY FACTORS:

- The surfaces need to be clean; no fats, oils or dirt and dry.
- The surfaces need to be stable: no drummy, soft, worn, blistered areas.
- The product needs to be mixed, applied and allowed to cure correctly. (surface temp >13C)

3. NOTE AS FOLLOWS: (FULL DETAILS IN APPLICATION NOTES)

- Use detergent (or alkali) and water to clean surfaces, NOT acid.
- Remove any suspect surface: blisters, drummy areas, weak and worn areas, any cement surfaces showing rust stains and repair correctly.
- Repair defects using materials designed for water IMMERSION, not external or internal use.
- Before coating, any surface moisture is to be removed, (though damp surfaces okay for Concrete WB Sealer only, so long as warm sunny day is happening).
- Do not apply if SURFACE (not air) temperature is below 13 C and falling. Use infra-red thermometer to check surface temperature.
- Apply coatings in the morning so as to finish by 12 noon (winter) 1 pm (summer) times. If you apply later may not cure before evening dew and thus a white bloom may occur.
- Mix by power mixer for 2 – 3 mins and USE IMMEDIATELY.
- When applying do about 1 – 2 sq M per application. Roll (brush) into an “H” pattern so as to spread the Epotec around and lap adjoining areas. See attached sketch next page.
- Lay off in “One” direction to get a uniform finish. Otherwise the client over time will see light and dark blue, **very messy**. (Grass Stripes: The direction that the **grass** is bent determines the "light" or "dark" **coloured** stripe. When the blades of **grass** are bent away from you, the **grass** appears lighter in **colour** because the light is reflecting off of the wide, lengthy part of the blade.) And same goes with paint, when you roll/brush unevenly. **Want one shade ONLY**.
- Note that coating life is related to dry film thickness, so **MAKE** sure evenly spread out. Otherwise some areas will wear away too soon and others will last much longer. Use a wet film gauge to check progress frequently.
- Allow to cure without dew, rain, for 12 – 24 hrs between coats or longer in winter, but no more than 72 hours.
- After last coat wait 5 days (summer) 7 days (winter) before filling and adding chemicals. (if you need to fill sooner, call us first)
- Dilute or dissolve ALL chemicals before putting into pool, including salt.
- Ensure pool water balance kept to our recommendations for maximum life.





1. Loaded roller, middle of 1 x 2 M area, roll up or away to apply.
2. Then roll on R and L sides to apply more coating.
3. Roll across WHOLE area to move paint around and get uniform coverage.

(Repeat 2 and 3 if needed to make sure UNIFORM coating thickness).

4. Lay off in ONE direction, usually down walls and towards you on floors. (See pic on first page)
5. Move to next 1 x 2 M area and repeat, over lapping just completed areas by about 100 – 200 mm.

4. SUMMARY: (THIS IS WHAT YOU DON'T WANT TO SEE AT ANY TIME)



Figure 1. Vertical banding as no Left to Right spreading, only vertical.

It's VERY important to apply and spread out correctly.
Normal thickness in 2 coats is 320 microns, wet /dry. Did you check?



Figure 2. Not enough uniform spreading out and laying off, worn away too soon in some areas. Pool owner will say the paint is not good. Then what? Compare with pic on 1st page.

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