



# Ordinary Meeting of Council Agenda

**to be held on Tuesday 5 May 2020 at 7.00pm  
via TEAMS**

## **Participating in Council meetings during the COVID-19 pandemic**

In order to ensure the health and safety of Councillors, staff and the community, IDAC meetings held during the Victorian State of Emergency are closed to the public. This is in accordance with advice provided by the State Government.

Members of the public are encouraged to watch proceedings online at [www.yarracity.vic.gov.au/webcast](http://www.yarracity.vic.gov.au/webcast).

## **Making a submission**

In order to participate in the meeting, either by asking a question during Public Question Time or making a submission in relation to an item being considered at the meeting, you can lodge a written submission, which will be read in full to the Council by a Council officer on your behalf or you can arrange for a Council officer to telephone you during the meeting, and connect you directly to the Committee so you can make your submission yourself.

To participate in the meeting, you will need to lodge your submission or register to receive a phone call by midday on the day before the meeting. Submissions can be lodged online on the relevant meeting page on Council's website.

## **Recording and Publication of Meetings**

An audio and video recording is made of all public Council Meetings, streamed live and published on Council's website. By participating in proceedings (including during Public Question Time or in making a submission regarding an item before Council), you agree to this publication. You should be aware that any private information volunteered by you during your participation in a meeting is subject to recording and publication.

Meeting recordings can be viewed at <http://webcast.yarracity.vic.gov.au>.

**[www.yarracity.vic.gov.au](http://www.yarracity.vic.gov.au)**

## **Order of business**

- 1. Statement of recognition of Wurundjeri Woi-wurrung Land**
- 2. Attendance, apologies and requests for leave of absence**
- 3. Declarations of conflict of interest (Councillors and staff)**
- 4. Confidential business reports**
- 5. Confirmation of minutes**
- 6. Petitions and joint letters**
- 7. Public question time**
- 8. Delegates' reports**
- 9. General business**
- 10. Questions without notice**
- 11. Council business reports**
- 12. Notices of motion**
- 13. Urgent business**



## 1. Acknowledgment of Country

*“Yarra City Council acknowledges the Wurundjeri Woi Wurrung people as the Traditional Owners and true sovereigns of the land now known as Yarra.*

*We acknowledge their creator spirit Bunjil, their ancestors and their Elders.*

*We acknowledge the strength and resilience of the Wurundjeri Woi Wurrung, who have never ceded sovereignty and retain their strong connections to family, clan and country despite the impacts of European invasion.*

*We also acknowledge the significant contributions made by other Aboriginal and Torres Strait Islander people to life in Yarra.*

*We pay our respects to Elders from all nations here today—and to their Elders past, present and future.”*

## 2. Attendance, apologies and requests for leave of absence

Anticipated attendees:

### Councillors

- Cr Misha Coleman (Mayor)
- Cr Mi-Lin Chen Yi Mei (Deputy Mayor)
- Cr Danae Bosler
- Cr Jackie Fristacky
- Cr Stephen Jolly
- Cr Daniel Nguyen
- Cr Bridgid O’Brien
- Cr James Searle
- Cr Amanda Stone

### Council officers

- Vijaya Vaidyanath (Chief Executive Officer)
- Ivan Gilbert (Group Manager Chief Executive’s Office)
- Lucas Gosling (Director Community Wellbeing)
- Gracie Karabinis (Group Manager People and Culture)
- Chris Leivers (Director City Works and Assets)
- Diarmuid McAlary (Director Corporate, Business and Finance)
- Bruce Phillips (Director Planning and Place Making)
- Rhys Thomas (Senior Governance Advisor)

## 3. Declarations of conflict of interest (Councillors and staff)

## 4. Confidential business reports

Nil

## **5. Confirmation of minutes**

### **RECOMMENDATION**

That the minutes of the Special Confidential Council Meeting held on Tuesday 2 April 2020 be confirmed.

## **6. Petitions and joint letters**

## **7. Public question time**

Yarra City Council welcomes questions from members of the community.

### Public question time procedure

Ideally, questions should be submitted to Council in writing by midday on the day of the meeting via the form available on our website. Submitting your question in advance helps us to provide a more comprehensive answer. Questions that have been submitted in advance will be answered first.

Public question time is an opportunity to ask questions about issues for which you have not been able to gain a satisfactory response on a matter. As such, public question time is not:

- a time to make statements or engage in debate with Councillors;
- a forum to be used in relation to planning application matters which are required to be submitted and considered as part of the formal planning submission;
- a forum for initially raising operational matters, which should be directed to the administration in the first instance.

If you wish to raise matters in relation to an item on this meeting agenda, Council will consider submissions on these items in conjunction with and prior to debate on that agenda item.

When you are invited by the Mayor to ask your question, please come forward, take a seat at the microphone, state your name clearly for the record and:

- direct your question to the Mayor;
- refrain from making statements or engaging in debate
- not raise operational matters which have not previously been raised with the Council administration;
- not ask questions about matter listed on the agenda for the current meeting.
- refrain from repeating questions that have been previously asked; and
- if asking a question on behalf of a group, explain the nature of the group and how you are able to speak on their behalf.

Once you have asked your question, please remain silent unless called upon by the Mayor to make further comment or to clarify any aspects.

## **8. Delegate's reports**

## **9. General business**

## **10. Questions without notice**

## 11. Council business reports

Item		Page	Rec. Page	Report Presenter
11.1	Yarra Bend Ground Water Report and Peer Review	7	11	Chris Leivers – Director City Works and Assets
11.2	Fitzroy Cricket Ground Grandstand	128	131	Ivan Gilbert – Group Manager - Chief Executive's Office
11.3	Proposed Discontinuance of Roads abutting 53-77 Burnley Street, Richmond	153	157	Diarmuid McAlary – Director Corporate Business and Finance
11.4	Proposed Discontinuance of Road abutting 12-20 Victoria Crescent, Abbotsford	169	171	Diarmuid McAlary – Director Corporate Business and Finance
11.5	Finance Report - March 2020	176	178	Diarmuid McAlary – Director Corporate Business and Finance
11.6	2019/20 Annual Plan Quarterly Progress Report - March	196	200	Diarmuid McAlary – Director Corporate Business and Finance
11.7	Report on Assemblies of Councillors	234	235	Ivan Gilbert – Group Manager - Chief Executive's Office
11.8	COVID-19 Business Support Grants First Round Guidelines – <b>LATE REPORT</b>	-	-	Lucas Gosling – Director Community Wellbeing

The public submission period is an opportunity to provide information to Council, not to ask questions or engage in debate.

#### Public submissions procedure

When you are invited by the Mayor to make your submission, please come forward, take a seat at the microphone, state your name clearly for the record and:

- Speak for a maximum of five minutes;
- direct your submission to the Mayor;
- confine your submission to the subject under consideration;
- avoid repetition and restating previous submitters;
- refrain from asking questions or seeking comments from the Councillors or other submitters;
- if speaking on behalf of a group, explain the nature of the group and how you are able to speak on their behalf.

Once you have made your submission, please remain silent unless called upon by the Mayor to make further comment or to clarify any aspects.

## **12. Notices of motion**

Item		Page	Rec. Page	Report Presenter
12.1	Notice of Motion No. 5 of 2020 - Advocacy for Council Job Retention Allowance	240	240	James Searle - Councillor

## **13. Urgent business**

Nil

---

## 11.1 Yarra Bend Ground Water Report and Peer Review

---

Reference: D20/72340

Authoriser: Director City Works and Assets

### Purpose

1. To provide Council with a summary of the reports provided by Douglas Partners (on behalf of Glenvill) investigating the cause of the river bank slumping at the Yarra Bend Development, Alphington and the subsequent peer review report by Alluvium (on behalf of Council).

### Background

2. A number of reports have been presented to Council on this matter, including most recently on 30 July 2019. All previous reports are accessible on Council's website via the agenda from the relevant meeting.
3. Council Officers received a report on '*Geotechnical Investigation and Groundwater Study Yarrabend: Riverfront Area Heidelberg Road, Alphington*' from Douglas Partners (on behalf of Glenvill) on 13 March. (Attachment 1 - Douglas Partners report).
4. Council Officers referred the report drafted by Douglas Partners to an independent consultancy (Alluvium) to peer review.
5. Alluvium provided Council a peer review report of the Douglas Partners report on 27 March 2020. (Attachment 2 - Alluvium peer review report)

### The following is a summary of the Douglas Partners report:

6. The Douglas Partners report identifies the steps taken to manage surface drainage conditions. The remediation process involving the decommissioning of pipes and sub structures with the resultant excavations backfill with compacted clayey soils. Excavations temporarily exposed a fractured basalt layer (permeable material) that could have temporarily increased infiltration/recharge conditions in parts of the site. However, backfill of the remediated ground with clay fill occurred soon after exposure of the basalt rock, providing a low permeability seal and reduced infiltration of the surface.
7. As on-site works progressed, surface flows from the House and Land (region east of Latrobe Avenue) were directed along Lugton St to temporary retention basins (sedimentation ponds) at the southern end of Latrobe Avenue. Water from the basins was intermittently pumped out and used for dust suppression and earthworks conditioning.
8. Test pits have been excavated through the retention basin floors, the soil profile beneath the basin floors revealed low permeability natural clay. Soils were generally dry and were not consistent with long term water infiltration. Seepage losses through an intermittently filled basin with a low permeability clay subgrade are unlikely to significantly contribute to the conditions in the underlying fractured basalt aquifer. The basins were managed in a way that minimised stored volumes by using water for dust suppression and earthworks conditioning.
9. Douglas Partners report states, significant contribution from the basins to the slumping cause would require high permeability zones in the basin floors and these were not identified in the test pit excavations.
10. Back filling of basins has now eliminated any potential water recharge pathways.
11. The Douglas Partner report identifies the old Melbourne Water sewer as a probable contributing factor to the river slumping. The sewer was located north of the embankment ridge line and at a level lower than the river, any infiltration into the old brick sewer would have reduced groundwater levels in the fractured basalt. The suspected dewatering affect would have ceased when the sewer was back grouted as a decommissioning measure in 2015/16.

12. The report presents general causes of river bank slumping such as:
  - (a) stream (river) bed lowering or infill;
  - (b) rise and rapid drop in river levels;
  - (c) moisture increases or saturation of materials from off stream sources;
  - (d) redirection and acceleration of flow around obstructions, debris or vegetation within the stream channel;
  - (e) removal of vegetation from stream banks;
  - (f) bank soil characteristics such as localised higher permeability zones or poor drainage in materials prone to softening within the bank profile;
  - (g) wave action generated by wind or boat wash; and
  - (h) intense rainfall/surface events that affect bank materials.
13. There is discussion about the possible slump causes but no conclusive evidence to support any cause. The Douglas Partners report goes on to say that the present high ground water levels in the eastern site of Latrobe Avenue are probable contributing factors. Further collection of groundwater data is needed to support this view.

**The Douglas Partners report recommends the following further action:**

14. Further groundwater monitoring is required to define conditions. Water level loggers for six targeted boreholes, with ongoing manual measurements required in the other four standpipes.
15. Area west of Latrobe Avenue, does not appear to be a bank stability issue but suggest ongoing ground water monitoring.
16. Central area end of Latrobe Ave: ongoing ground water monitoring with possible temporary or long term subsurface drainage.
17. Slump area east of Latrobe Ave, it is recommended that monitoring be undertaken at this location, including groundwater levels, survey and visual inspections. Temporary subsurface drainage has been installed and this has shown significant improvement in the area. Long term subsurface drainage is likely to be required depending on the outcomes of the investigations.

**The following is a summary of the peer review report by Alluvium:**

18. The decommissioning of the Melbourne Water sewer may have influenced the groundwater levels but does not appear to have been a dominant factor in groundwater levels.
19. The increase in ground water levels is consistent with increased local infiltration. However, there is insufficient data to identify infiltration as the dominant cause.
20. Concur with Douglas Partners that the steep river bank and the rise and fall of river water level may be contributing factors to the bank slumps. However, these factors have been present for many hundred years and do not explain the recent increase in occurrence and rate of slumps and tree collapse.
21. The comments by Douglas Partners that the water logging on the lower terrace and bank slumps are consistent with this reach of river are not supported by community observations and that of the Alluvium team.
22. Alluvium remain of the opinion that the water logging of the lower terrace is most likely as a result of changes in groundwater levels within the Yarrabend site. The most likely cause of this change is a change to the site infiltration. However, the decommissioning of the sewer main cannot be completely dismissed.

23. The analysis and reporting by Douglas Partners is qualitative and not conclusive. The monitoring and investigations proposed by Douglas Partners are unlikely to significantly advance the understanding of the cause of the elevated groundwater at the site within an acceptable timeframe.

**The Alluvium peer review report recommends the following actions:**

24. An additional up-gradient groundwater monitoring bore be installed to replace GW15 and GW24. This bore would be used to identify whether there is any mounding of groundwater.
25. Undertake groundwater modelling and analysis to estimate groundwater flux (flow rate) to the riverbank slumps in order to assess how long groundwater discharge may persist.
26. Groundwater recharge and mounding calculation to determine the relative influence of the decommissioned sewer and site sourced recharge to the development of the elevated groundwater levels.
27. Modelling of how effective draining of the subsurface will be in reducing soil moisture and drawing down the groundwater mound.
28. Data collection to inform and calibrate the groundwater modelling:
  - (a) monitoring data from existing bores and the replacement monitoring bore for GW15 / GW24;
  - (b) slug test on bores; and
  - (c) flow rate monitoring from the temporary agricultural (ag) drain.
29. Undertake simple groundwater chemistry analysis to identify the age and origin of the elevated groundwater at the site. The analysis would assist to identify whether the elevated groundwater at the site is consistent with the composition of regional groundwater or more recent rainfall. If the elevated groundwater has a similar composition to the regional groundwater it would be less likely to have originated from local rainfall and infiltration
30. A further 10 months of detailed investigations, following processes outlined above, will seek to determine the likely causes of the river bank slumping, and options for the ultimate river bank landscape, and will address river bank and upper embankment stability. This information will be publicly reported back to Council once a full report on the investigations has been received and reviewed by Council and Alluvium and is anticipated to be approximately February 2021.
31. If the investigations identify anything significant in the meantime in relation to the cause, impacts or potential mitigation measures, these will be acted upon, and Council will be informed.

**Further onsite updates**

32. The 'agi' drain in the riverbank (lower terrace) has been constructed by Glenvill and is reducing groundwater in the previously saturated areas. This completes all mitigation measures identified in the Stormwater Management Plan (SWMP).
33. Glenvill has established baseline survey and data of ground water levels, land survey and vegetation as detailed in the attached Groundwater Management Plan (Attachment 3). Monitoring reports will be provided against the baseline established on a periodic basis. The first report will be completed in mid-April 2020.

**External Consultation**

34. External specialist consultants Alluvium have been engaged by Council to provide independent advice on the ground water conditions on site, and its association to the river bank slumping.
35. Council have consulted with Melbourne Water, DELWP and the EPA on a regular basis, seeking their advice and engagement when appropriate and relevant to do so.

**Internal Consultation (One Yarra)**

36. Relevant internal units have been engaged as part of these matters, as appropriate.

**Financial Implications**

37. There has been a cost to Council to commission independent expert advice. Officers believe these costs incurred to date are reasonable and necessary in order to effectively monitor this significant site, and to protect the river bank.
38. There may be some ability to recover costs once the cause of the river bank slumping is determined, however this will be determined by the whether the ultimate findings are definitive.

**Economic Implications**

39. Not applicable.

**Sustainability Implications**

40. There are potentially local sustainability implications. Temporary and permanent mitigation measures have been implemented and are proposed to manage these impacts.

**Climate Emergency Implications**

41. Not applicable.

**Social Implications**

42. The protection of the river bank is important to the local and broader community.
43. The work being undertaken is to ensure that the river bank is managed in line with DPO requirements and best practice.

**Human Rights Implications**

44. Not applicable

**Communications with CALD Communities Implications**

45. Not applicable

**Council Plan, Strategy and Policy Implications**

46. Environment, sustainability and bio-diversity outcomes are important to Council and the Community, and Officers' efforts are undertaken in order to achieve the best outcomes possible.

**Legal Implications**

47. Council is responsible to monitor the development site to ensure that works comply with planning requirements, relevant local laws, environmental requirements (EPA guidelines) and Melbourne Water (MW) requirements. MW is responsible for the river bank (noting that the land in question is private land). The Development Plan Overlay (DPO) sets out the expectations for the ultimate treatment and design of riverbank at the completion of the development, and Glenwill need to comply with these conditions.
48. There may also be legal implications, pending the investigations into the cause of the river bank slumping.

**Other Issues**

49. Not applicable

**Options**

50. Not applicable



## Conclusion

51. Mitigation works have been completed to manage surface water flows within the site. Further investigations are required to confirm the causes of the groundwater and associated riverbank slumping, and works to protect the river bank are ongoing.
52. Council Officers continue to liaise with Glenvill and all relevant authorities to monitor and understand the impacts of the development and to ensure the site is being managed appropriately, and will take actions as necessary to ensure the riverbank is maintained and protected to enable community access in future.
53. Alluvium state in the peer review of the Douglas Partners report:
  - (a) the increase in ground water levels is consistent with increased local infiltration. However, there is insufficient data to identify infiltration as the dominant cause; and
  - (b) the analysis and reporting by Douglas Partners is qualitative and not conclusive. The monitoring and investigations proposed by Douglas Partners are unlikely to significantly advance the understanding of the cause of the elevated groundwater at the site within an acceptable timeframe.
54. Alluvium has made recommendations for the next steps of the investigation. These recommendations have been provided to Glenvill to incorporate in the ongoing investigations and data collection.
55. The Glenvill report and Alluvium's peer review report have been submitted to Melbourne Water to review and provide comment.
56. Ongoing formal monitoring and reporting will measure the performance and effectiveness of surface water management on site, and will inform any future measures and works.
57. Council will continue to engage geotechnical consultants Alluvium, to peer review reports and findings that relate to the riverbank as required.
58. A further report on the cause and potential permanent mitigation options to address the groundwater and river bank slumping is proposed to be progressed and presented to Council in February 2021. This will allow further monitoring of the site and enable comprehensive data to be obtained and reviewed.

## RECOMMENDATION

That Council notes this report and directs Council Officers to undertake the following:

- (a) Council Officers continue to liaise with Glenvill and request further investigations to incorporate Alluviums recommendations as per their peer review report;
- (b) Council Officers continue to monitor and take any necessary action to ensure appropriate management of the site, including the river bank, by Glenvill and their agents;
- (c) Melbourne Water (MW), Environmental Protection Agency (EPA), Department of Environment, Land, Water and Planning (DELWP) and any other authorities/agencies as appropriate, be informed of current and ongoing investigations and findings; and
- (d) A Final report on the cause and potential permanent mitigation options to address the groundwater and river bank slumping be presented to Council in Feb 2021, with earlier reports to be provided if warranted.

**CONTACT OFFICER:** Peter Moran  
**TITLE:** Manager Infrastructure, Traffic and Civil Engineering  
**TEL:** 0417113724

**Attachments**

- 1 [!\[\]\(31b03e46ee8a80a1f1467b8c03bd76e8\_img.jpg\)](#) Douglas Partners Report
- 2 [!\[\]\(7d9665ff04f9d2270c38081c6215a724\_img.jpg\)](#) Alluvium Peer review
- 3 [!\[\]\(7cea648fec4dfc1e99934873e9173b69\_img.jpg\)](#) Yarra Bend Ground Water Management Plan

**Attachment 1 - Douglas Partners Report**



Report on Geotechnical Investigation and  
Groundwater Study

Yarrabend: Riverfront Area  
Heidelberg Road, Alphington

Prepared for  
Alphington Developments Pty Ltd

Project 79075.12  
R.012.Rev0  
12 March 2020

Integrated Practical Solutions



## Attachment 1 - Douglas Partners Report



### Document History

#### Document details

Project No.	79075.12	Document No.	R.012.Rev0 13 March
Document title	Report on Geotechnical Investigation and Groundwater Study Yarrabend: Riverfront Area		
Site address	Heidelberg Road, Alphington		
Report prepared for	Alphington Developments Pty Ltd		

#### Document status and review

Status	Prepared by	Reviewed by	Date issued
Rev0	Andrew Murphy		12 March 2020

#### Distribution of copies

Status	Electronic	Paper	Issued to
Rev0	✓	0	David Raulli - Alphington Developments Pty Ltd

The undersigned, on behalf of Douglas Partners Pty Ltd, confirm that this document and all attached drawings, logs and test results have been checked and reviewed for errors, omissions and inaccuracies.

	Signature	Date
Author	Andrew Murphy	12 March 2020
Reviewer		



Douglas Partners Pty Ltd  
 ABN 75 053 980 117  
[www.douglaspartners.com.au](http://www.douglaspartners.com.au)  
 231 Normanby Road  
 South Melbourne VIC 3205  
 PO Box 5051  
 South Melbourne VIC 3205  
 Phone (03) 9673 3500

## Attachment 1 - Douglas Partners Report



### Table of Contents

	Page
1. Introduction .....	1
2. Scope .....	2
3. Site Description and Background.....	3
3.1 Summarised Site History .....	3
3.2 Summary of Development Activity to Date .....	3
3.3 Slumping Instances.....	6
4. Site Conditions .....	8
4.1 Topography.....	8
4.2 Geological Setting.....	8
4.3 Surface and Drainage Conditions.....	10
4.3.1 Site Preparation and Resulting Infiltration Conditions .....	10
4.3.2 Surface Drainage .....	12
4.4 Decommissioned Former North Yarra Main .....	13
4.5 Rainfall and River Level Data .....	13
5. Field Work .....	14
5.1 Drilling Investigation.....	14
5.2 Test Pit Investigation.....	14
6. Investigation Assessment Findings.....	15
6.1 Western Riverfront Area .....	15
6.2 Central Area River Front Area Slump C .....	16
6.3 Eastern Riverfront – Slump A: Area.....	17
6.4 Sediment Basin Test Pits.....	18
7. Groundwater .....	18
7.1 Historical Groundwater Data.....	18
7.2 DP 2019 / 2020 Groundwater Data .....	19
8. Discussion .....	20
8.1 General Causes of River Bank Erosion .....	20
8.2 Mechanisms and Factors Contributing to Slump Instances .....	22
8.3 Upgradient Groundwater Influences .....	24
8.4 Further Action .....	26
8.4.1 Area West of Latrobe Avenue.....	26
8.4.2 Central Area Slump C End of Latrobe .....	26
8.4.3 Area East of Latrobe Avenue.....	26

## Attachment 1 - Douglas Partners Report



9.	References.....	27
10.	Limitations.....	28
Appendix A	: Notes about This Report	
Appendix B	: Drawing 1A Yarrabend: Groundwater / Geotechnical Borehole / Test Pit Plan (2020 Nearmap Image Overlay)  Drawing 1B Yarrabend: Groundwater / Geotechnical Borehole / Test Pit Plan (Pre-demolition Survey Overlay)  Drawing 1C Yarrabend: Groundwater / Geotechnical Borehole / Test Pit Plan Groundwater Level Data. (2020 Nearmap Image Overlay)  Drawing 2A Yarrabend: Northern River Bank Area: Groundwater / Geotechnical Borehole / Test Pit Plan (Nearmap and Contour 2020 Survey Overlay)  Drawing 2B Yarrabend: Northern River Bank Area  Groundwater / Geotechnical Borehole / Test Pit Plan (Pre-Demolition Survey Overlay)  Cross Sections A1-A1 / A2-A2 / B-B / C1-C1 / C2-C2 / D1-D1 / D2-D2 (8 sheets)  Reeds Main Drain Plan and Longitudinal Cross Section  GHD North Yarra Sewer Main Plan  Plate 1 and Plate 11 (extracts of DP July 2019 Report)  CSC Environmental Management Plan (EMP)	
Appendix C	: DP Borehole Logs November – December (2019) SPT Sample Photographs DP Test Pit Logs (December 2019) Test Pit Photographs	
Appendix D	: Rainfall, River Level and Wind Data	

## Attachment 1 - Douglas Partners Report



### Report on Geotechnical Investigation and Groundwater Study Yarrabend: Riverfront Area Heidelberg Road, Alphington

---

#### 1. Introduction

This report prepared by Douglas Partners Pty Ltd (DP) presents the findings of a geotechnical investigation and groundwater study of the Yarrabend development site. The focus of the investigation and study is the southern portion of the site adjacent to the northern bank of the Yarra River. It is understood that an approximate 30 m wide parcel of land, adjacent to the river, is intended for ongoing public access and includes a walking track with variable tree and shrub cover. The purpose of the investigation and study was to:

- Assess likely mechanisms and contributing factors leading to localised slumping of the northern riverbank, discussed further in this report;
- In conjunction with assessment of localised slumping instances, carry out additional ground condition and groundwater investigation to assess general conditions and potential slumping risk on the northern Yarra River bank adjacent to the Yarrabend site; and
- Provide advice on further assessment, monitoring measures and options to mitigate / manage the potential for further slumping risk.

Assessment of the groundwater conditions, in the northern up-gradient site areas, was incorporated in this study in the context of considering possible influences on groundwater conditions and bank stability in the riverfront area.

The Yarrabend site is shown on drawing 1A, Appendix B and Figure 1 below. The approximate 18 ha site comprises former industrial and non-industrial areas.



**Figure 1: Former AMCOR area (orange) and residential area (yellow)  
North to Right**

## Attachment 1 - Douglas Partners Report



The development areas comprise:

- The approximate 14-ha former AMCOR paper mill over the western majority of the site including the area west of the former Latrobe Avenue (upgraded road to be named Mills Boulevard). AMCOR Areas east of Latrobe Avenue were limited to sub-areas fronting Heidelberg Road and a zone between Lugton Road and the Yarra River front. The AMCOR site comprised numerous industrial buildings, pavements, pipelines and miscellaneous industrial units.
- An approximate 4-ha former residential area located between Parkview Road, Latrobe Avenue and Lugton Street. It is noted that most of the houses in this parcel were demolished in 1986 and the area was vacant until Yarrabend development works commenced.

DP are advised by AD that, at the time of writing, a total 4 ha area of the site is owned by third parties and not controlled by AD. A further 3.5 ha of the development have been completed and handed over to owners.

DP was engaged by Alphington Developments Pty Ltd (AD), the developer of “Yarrabend” comprising approximately 70% of the AMCOR paper mill site. DP have provided consulting geotechnical services for various phases of the Yarrabend development, including civil earthworks construction and site preparation works since 2016. It is understood that the City of Yarra (COY) and Melbourne Water (MW) are stakeholders in the management of the riverfront area adjacent to the southern boundary of the Yarrabend site. CSC Civil Constructions (CSC) are the civil earthworks contractor for the development.

## 2. Scope

The main tasks in the scope of work were:

### Field Work

- Drilling of ten boreholes to variable depths, including selected sites on the terrace adjacent to the river, and sites set back from and upgradient of the upper edge of the embankment north of the river.
- Boreholes depths would be adjusted to straddle the expected fractured basalt aquifer and shallower aquifer conditions adjacent to the river. Drilling depths in the order of 10 m to 15 m were expected for the upgradient boreholes with depths in the order of 5 m to 7 m expected adjacent to the river.
- Use of a combination of auger and air hammer drilling methods in soil and rock as necessary. Rock conditions to be logged by examination of hammered chips, along with intermittent standard penetration tests to examine weaker rock where possible. Disturbed and undisturbed samples to be taken in soils at selected intervals.
- Installation of 50 mm UPVC standpipes in all boreholes, with lockable flush covers (i.e. custom Allan key).
- Recording of eastings and northings and levels to AHD at all borehole locations with survey equipment.
- Supervision and logging by an experienced engineering geologist.



## Attachment 1 - Douglas Partners Report



- Obtain water well licence/s and use of a licensed water well driller for monitoring well installation.
- Excavation of five test pits in a former sediment basin area, to nominal depths of 2 m or prior refusal.
- Attendance to measure groundwater levels in the standpipes, on three occasions.

### Groundwater and Background Information Study

- Collect and collate, historic groundwater records, including available borehole logs and monitoring depth data across the site.
- Collate and present rainfall and river level data relevant to the site.
- Collect and collate and summarise relevant site feature information, including key below ground pipe assets, earthworks activity summaries, development activities.

### Reporting

- Prepare a report presenting the findings of the investigation and collated information from the groundwater study, with comment on likely slumping mechanisms and contributing factors, advice on further assessment and monitoring measures and options to manage potential further slumping risk.

Reference information, referred to in the preparation of this report is presented in Section 9.

## **3. Site Description and Background**

### **3.1 Summarised Site History**

The site was procured by Australian Paper Mills in 1918 with construction of the mill in the years thereafter for commencement of operation in 1921. Prior to APMs purchase the site formed part of the Woodlands Estate being predominately residential and farming uses. Construction activities for the mill reportedly included the importation of fill material to reshape the site along the Yarra River (GHD-2016). Historical MMBW drawings show an old tributary entering the northern bank of the Yarra, discussed later in this report. It is noted that the tributary does not form part of the current landscape. Fill was revealed along the apparent alignment of the former tributary during site remediation works, witnessed by DP in 2017-2018. It appears that the former main drain for the AMCOR facility was located along the alignment of the former tributary. Development and expansion of the mill was to the north towards Heidelberg Road with the site reaching its final form in about 1981. Plans showing the tributary location are presented in DP-2019 and are not included in this report.

### **3.2 Summary of Development Activity to Date**

Brief descriptions of Yarrabend development works to date are presented below with sub-areas labelled on Drawing 1A, Appendix B.

- Above ground demolition of the AMCOR facility, with partial sub-structure removal over the majority of the industrial area from early 2014 to late 2015, see Figure 2. This included the area south of Lugton Avenue. Demolition of remaining industrial areas, including the buildings fronting Heidelberg Road were completed in the latter part of 2017.

## Attachment 1 - Douglas Partners Report



Page 4 of 28



**Figure 2: Nearmap Image (September 2015)- North to right**

- Environmental remediation of the AMCOR site including excavation of uncontrolled filling down to the underlying natural surface. Excavated materials were assessed and categorised for offsite removal or remediated and stockpiled for re-use. Where encountered, remaining sub-structures were removed. This commenced in mid-2017 and continued through to late 2017 early 2018 (see Figure 3). Suitable site-won, remediated filling was replaced over the natural surface. This was undertaken to raise levels for development purposes and to minimise offsite disposal costs. The filling was placed under the Level 1 Earthworks testing and inspection regime defined in AS3798 in the latter part of 2017 and early 2018;



**Figure 3: Nearmap Image (January 2018) - North to right**

## Attachment 1 - Douglas Partners Report



- Post remediation development activities have occurred on the AMCOR site from 2018 to the present. These have included: earthworks construction of the east-west aligned portion of Mills Boulevard and bulk earthworks preparation of development parcels to its south, referred to as the Workshop North area. It is noted that the floor slabs for these developments are built and they cover most of the sites; construction of the medium rise apartment development in the north eastern corner of the site (referred to as the Parkview Apartments) commenced in mid-2019; construction of the medium rise development in the parcel north of the east-west section of Mills Boulevard, referred to as the Artisan development) commenced in early 2020 (see Figure 4);
- The former residential area between the former Latrobe Avenue and Parkview Road was remediated in 2016, including removal of filling and exposure of natural materials. Civil earthworks and townhouse construction in this area occurred from 2017 (see initial works in Figure 3) and was mainly complete 2019 (see Figure 4), this is referred to as the House and Land area shown on Drawing 1A.



**Figure 4 : Nearmap Image February 2020 - North to right**

Two remnant paper mill structures remain on the site, visible on Drawing 1A and Figure 3, referred to as the Wetlap building, located south of Mills Boulevard and the Boiler House, further to the south.

Works in the riverfront area have been limited to; minor pedestrian track maintenance works, infilling of cracks at one of the slump sites, fencing to manage pedestrian access, land and bathymetry survey and installation of a stormwater main drain in the river front area in 2017 / 2018. The main drain runs along Latrobe Avenue and connects to a pre-existing stormwater pit and outlet structure on the northern bank of the river. The drain currently takes run off from the house and land area and the adjacent portion of Latrobe Avenue.



## Attachment 1 - Douglas Partners Report



Temporary stormwater sediment basins were installed at the southern end of the Latrobe Avenue in an area to the immediate west of the road reserve in accordance with the Environmental Management Plan approved by Council in June 2017. A copy of the relevant plan is included in Appendix B. Basins were formed in late 2016 and backfilled in late 2019. The basins were excavated into natural soils and periodically reconfigured to accommodate staged remediation and earthworks activities. Initial location of the basins at the southern end of Latrobe was to accommodate the site topography and original drainage along Latrobe Avenue to the south.

A temporary construction access road was installed, along the western half of the Yarrabend river front for VicRoads access during construction of the Chandler Highway bridge construction project. A new six lane bridge was constructed to the immediate west of the existing bridge between mid-2017 and late 2019. The access road was installed on the river terrace, by the bridge construction contractor. The unsealed granular access road required re-shaping of an approximate 6 m to 7 m wide, 110 m long area on the river terrace, about 10 m back from the bank.

It is noted that the North Yarra Sewer Main (NYM) was re-aligned to the north of the original sewer main in 2015. The alignment of the sewer is shown on Figures 2A, 2B and cross sections A and C in Appendix B. The eastern portion of the original brick-lined sewer ran along the river about 30 m to 40 m north of the northern river bank. From a point near the end of Latrobe Avenue, the sewer runs to the north west, passing south of the Boiler House and across the Chandler Highway. Records indicate that the sewer was tunnelled and is located 9 m to 15 m below surface. The eastern portion was reportedly relined in the early 80's. The western section was not relined. The sewer and manholes in the AMCOR site were reportedly back-grouted in 2015.

### 3.3 Slumping Instances

Slumping of the sub-vertical, variable height, riverbank adjacent to the Yarrabend site has occurred at the locations shown on Figure 5, referred to as Slumps A, B and C. Detailed descriptions of Slumps A and B are provided in DP Ref: 79075.12.R.003, dated July 2019. Summarised descriptions of the slumps are presented below, with approximate locations shown on the survey drawing extract in Figure 5.



**Figure 5: Slump Locations and (Reeds survey drawing extract, January 2020)**

## Attachment 1 - Douglas Partners Report



Other historical slump instances are evident on the northern and southern banks on the section of river adjacent to the Yarrabend site. A number of these have well established trees growing on them and occurred well before recent demolition and development activity. This was discussed in DP-July 2019.

- Slump A: This area has exhibited intermittent drainage issues and wet ground (pre and post development, reported to DP by CSC). Historical slumping was reported at this location prior to May 2017, Ref: CDM Smith – 2019. Tension cracks at the upper edge of the riverbank have progressed to slump movement since mid-2019.

Seepage was reported in this area in January 2019. Tension cracks were observed by DP in June 2019. Wet ground was observed in this area at this time, consistent with prolonged poor drainage and intermittent wet ground, as shown in Plate 11 Appendix B (extract from of DP-July2019).

Surface drainage in the terrace between the embankment toe and river bank is poor due to shallow surface depressions.

Water was observed emanating from the toe of the embankment adjacent to the terrace in January and February 2020 and further slumping has occurred where the former tension cracks were observed. Minor surface flow was seen trickling through depressions across the terrace and over the slumped bank.

Soils in this localised part of the terrace are dark grey / black, consistent with organic matter development on the surface and apparent long-term, seasonal or intermittent, moist / wet ground.

- Slump B: This slumping instance reportedly occurred in the days prior to 1 January 2019. A single tree toppled into the river. The tree was removed by Melbourne Water on 23-25 January. From ref: CDM Smith – 2019, water was not observed emanating from the ground in the immediate slump area but was near slump A. The slump straddled the toppled tree stump and is approximately 6 m long and 2 m wide. The slump does not appear to be active (to be confirmed by monitoring, discussed in Section 8).
- Slump C: This slumping instance occurred on or near 31 May 2019, affecting adjacent trees located at the river edge. One tree toppled into the river and two others were destabilised but remained standing. One of the remaining trees was cut down on the advice of a consulting arborist/s as a safety requirement. The stumps and root zones were left in place. The third tree remains in place. DP was engaged by AD to assess this slumping instance and provide initial advice regarding tree and riverbank stability in DP-2019/July. Surface water or wet ground was not observed in the area of this slump when inspected by DP in June 2019.

## Attachment 1 - Douglas Partners Report



### 4. Site Conditions

#### 4.1 Topography

Key topographical features in the river front area comprise:

- A variable width, slightly graded to flat terrace adjacent to the river, with its surface set 2 m to 3 m above mean river level (5.1 m AHD);
- An approximate 7 m to 10 m high, vegetated slope rising above the northern edge of the terrace. Survey data indicates the slope to range from 1.6:1 (H:V) to 1.8:1 (H:V); and
- A slightly irregular, upgradient surface rising from RL 18 m to 20 m at the upper edge of the riverfront slope to between 31 m and 32.5 m along Heidelberg Road. Total surface level differences across the site above the riverfront slope range from approximately 10 m to 12 m.

The river terrace is approximately 15 m to 20 m wide in the western portion adjacent to the VicRoads access track, described in Section 3.3. The eastern portion of the terrace ranges from a minimum of approximately 5 m, near the end of Latrobe avenue, at the location of Slump C shown on Figure 5 in Section 3.4 widening to around 10 m to 12 m to the east.

Regionally the surrounding areas rise to the north and north west across the surrounding basalt plane which extends over 20 km to the north and north west of the Yarrabend site. The basalt terrain extends to across Alphington Park as far as Darebin creek to the east.

It is noted that the investigation confirmed the presence of fill over basalt in the boreholes near the upper edge of the riverfront front embankment. The fill thickness ranged from 1.6 m to 4 m with the majority of the profile through the embankment comprising natural basalt discussed in Section 6.

#### 4.2 Geological Setting

Geological Survey of Victoria information along with previous investigations on the site by GHD, DP and others indicates three surface geological units in the area with overlying variably distributed filling.

##### Filling

Where not obscured by vegetation filling is visible at the surface in the terrace zone, below the toe of the adjacent batter. Visual inspection of the surface soils indicated silty clay and clayey silt material with trace foreign matter (bricks) consistent with some modification of the river bank. Note Figure 6 below showing historic image 1920s view from the south.

## Attachment 1 - Douglas Partners Report



**Figure 6 : 1920's Aerial Image of Site and Northern Yarra River Bank viewed form the South**

Historical information indicates the importation of fill early in the development of the AMCOR site. This included apparent infill of a former tributary entering the northern bank of the Yarra River as well as placement of fill to raise levels along the sloped embankment above the terrace. Fill over the site predominantly comprised gravelly clay.

It is noted that fill away from the riverfront has been remediated. This involved removal down to the natural surface, disposal of some fill and replacement of suitable fill, placed to a defined density regime and tested. Remediated fill typically comprised clay and gravelly clay.

### **Quaternary Alluvium**

Sandy clay, silty clay, clayey sand alluvium was encountered above the quaternary basalt intermittently across the development. The materials were typically very stiff and dense and pale brown, to orange brown with thicknesses typically varying from 0.5 m to 3 m. Similar alluvium was encountered in the terrace area.

### **Quaternary Volcanics Basalt**

The present topography and course of the Yarra River has been influenced by the extent of the erosion-resistant basalt flows, which have infilled an ancient valley system. The basalt flows occur as multiple events between 4.5 and 0.8 million years ago.



## Attachment 1 - Douglas Partners Report



The basalt unit on the site extends north from the bank of the river, across the development and many kilometres north and north west of Heidelberg Road and the Chandler Highway. The northern bank of the river is defined formed by a basalt flow boundary. It is noted that reference GHD-2013, indicates a thick sub basaltic alluvium interlayer, between the underside of the basalt and the Silurian basement rock. This was not identified in Ref: GHD-2016. The basalt in the area is variably weathered, with zones of highly weathered, highly fractured rock overlying better quality, slightly weathered, high to very high strength materials

Sands silts and clayey sands intercalated with the basalt were observed in numerous places during civil site works, more in the southern part of the site than the north often towards the base of the basalt. some apparent “brecciated” vesicular basalt was encountered in occasional earthworks excavations.

### Silurian Siltstone

The site is underlain by Silurian age sedimentary rock generally consisting of interbedded marine siltstone with minor sandstone (Melbourne Formation).

## 4.3 Surface and Drainage Conditions

### 4.3.1 Site Preparation and Resulting Infiltration Conditions

The main site areas are shown on Drawing 1A with sub areas labelled. In summary, site preparation works have comprised:

- Above ground demolition with partial sub-structure removal from early to early 2015;
- Removal of uncontrolled fill and replacement by CSC in 2016/2017 in the area between the Wetlap building and the Boiler House.
- The former residential area between the former Latrobe Avenue and Parkview Road was remediated in 2016, including removal of filling and exposure of natural materials.
- Environmental remediation of the majority of the area west of Latrobe Avenue including excavation of uncontrolled fill down to the underlying natural surface in accordance with EPA guidelines. Excavated materials were assessed and categorised for offsite removal or remediated and stockpiled for replacement as engineered fill. Where encountered, remaining sub-structures were removed. This was undertaken by Enviro Pacific (EP) and commenced in mid-2017 through to late 2017. DP carried out geotechnical consulting services during the environmental remediation works. This included progressive inspection to verify that uncontrolled fill was removed down to the surface of the underlying natural ground, along with ongoing advice on the suitability of site won, remediated materials for re-use as engineered fill;
- Placement of site-won remediated filling over the natural surface. This was also undertaken by Enviro Pacific to raise levels for development purposes and to minimise offsite disposal costs. The filling was placed under the under the Level 1 Earthworks testing and inspection regime defined in AS3798 and implemented by DP. This fill was placed intermittently from mid October 2017 to early 2018, discussed further in later sections of this report; and

With respect to up gradient surface and sub surface soil infiltration conditions, site preparation over the site has predominantly involved removal, remediation and replacement of uncontrolled fill with site won engineered clay and gravelly clay fill. There are some isolated exposed basalt areas, but these are limited.



## Attachment 1 - Douglas Partners Report



Temporary exposure of fractured basalt could have temporarily increased local infiltration / recharge conditions in parts of the site. However, backfill of the remediated ground with clay fill occurred soon after exposure of the rock, providing a low permeability seal and reducing infiltration of surface water.

The remediation process involved removal of decommissioned pipes and sub structures, with the resultant excavations backfilled with compacted clayey soils. The former pipes and related trenches often comprised high permeability zones. Their removal resulted in a reduction in near surface groundwater recharge.

Post-remediation earthworks were carried out from late 2018 to present and comprised the placement and compaction of imported ripped mudstone / siltstone, and minor site won clay fill in the following areas:

- The East West section of Mills Boulevard:
- The Workshop North Area, where building construction and the installation of sealed surfaces and roofs is well underway:
- The temporary access road area, west of Workshop North and the Wetlap Building:
- The area between the Wetlap building and the boiler house:
- The area to the south of the Workshop North and west of Latrobe Avenue (bulk fill works are underway at the time of writing) including the former sediment basin area, which was backfilled in January 2020.

The compacted fill in the above areas has a very low permeability and infiltration through the profile in these areas will be negligible.

The prepared ground in the House and Land area comprised clay soils overlying basalt rock. Civil earthworks and townhouse construction over this area was complete in 2019 and has resulted in sealed roofs and pavements, with discharge to the new main drain, resulting in a significant reduction in groundwater recharge compared to pre-demolition conditions.

The zone to the south of the former Lugton Avenue, currently comprises a thin crushed rock surface and is used as depot by the project builder. The profile comprises predominant clay fill, or natural clay over basalt rock. Infiltration of any precipitation of surface run off, through the profile, to the underlying rock in this area is likely to be negligible.

The multi storey buildings adjacent to Heidelberg Road and the northern part of the Chandler Highway were demolished through the second half of 2017. Some site shaping occurred in the northern development parcels in 2018. Change in this area, since then, has been limited to construction of the Parkview Apartment Development in the north east corner of the Yarrabend site. Ground surfaces in this area typically comprise variable thickness fill over natural basalt rock. The fill composition is variable and comprises clays, gravelly clays and clayey gravels.

It is noted that the Parkview Apartment Development includes a multi-level basement. Construction dewatering was required during basement construction. Groundwater conditions during basement excavation in late 2019 were consistent with the findings in Ref: James-2015 and required temporary dewatering. With a temporary lowering of groundwater levels in the fracture basalt.

## Attachment 1 - Douglas Partners Report



### 4.3.2 Surface Drainage

Surface drainage conditions across the post demolition Yarrabend site are summarised below. The summary is based on observations made by DP and information provided by CSC.

The overall site gradient is down to the south towards the Yarra River.

Initial earthworks activity commenced in 2016 and was focused on the House Land Area east of Latrobe Avenue, with some initial earthworks between the Wetlap building and Boiler House. These activities are understood to have been approved by Council and/or other relevant authorities.

CSC indicated that drainage occurred down the former council drains along Parkview Road and Latrobe Avenue to the south.

CSC stated that a number of drains on Heidelberg Road were blocked and that a significant volume of surface water was entering each of these streets as surface flow from Heidelberg Road. This reportedly continued until the affected drains were cleared.

As earthworks progressed surface flows were directed from the house and land area to a basin at the southern end of Latrobe Avenue. Surface run off in earthworks areas was limited to heavier precipitation events. Precipitation on irregular earthworks surfaces, pad foot roller indentations etc, captures a considerable volume, with trapped water moistening the soil surface. There were numerous occasions where slightly over-wet materials had to be mixed with drier soils or allowed to dry back to achieve compaction.

Surface run off from heavier precipitation events was reportedly directed from Lugton Road to temporary basins at the southern end of Latrobe Avenue. CSC stated that water impounded in the sediment basin/s was pumped out intermittently and used for dust suppression and earthworks conditioning.

In the area west of Latrobe Avenue, there is a depression north of the riverfront embankment and the topography prevents overland flow to the river.

The environmental earthworks in 2017 and 2018 included formation of numerous ad-hoc localised excavations of variable depth. A considerable proportion of rainfall in this phase was trapped in small puddles and was absorbed into the surface soils and entered temporary local depressions. The bases of the deeper localised depressions were predominantly set in natural basalt rock. Some infiltration of groundwater would have entered the fractured rock mass in the limited period between formation and backfilling with compacted site won remediated clays. Water was also pumped from these and used for dust suppression. It is noted that much of the bulk material discarded from site for environmental reasons was moist to wet, due to continuous watering as a dust suppression measure to manage asbestos. Re-used soils were often wet of optimum and required dry back or mixing with drier materials to facilitate compaction.

## Attachment 1 - Douglas Partners Report



### 4.4 Decommissioned Former North Yarra Main

The former North Yarra Sewer Main is located north of the northern bank of the Yarra River. The sewer alignment and dimensions are shown on the Melbourne Water decommissioning plan attached in Appendix B. The proximity of the alignment to the upper edge of the embankment north of the river is shown on Drawing 2B. GHD-2016 shows the former NYM invert to be set around RL 4 m to 5 m AHD, i.e. well below the groundwater surface.

Available information regarding the former sewer indicates:

- The eastern portion of the sewer was relined in the 80s.
- The western portion of the sewer running south of the boiler house was not relined.
- Sampling and assessment of downgradient groundwater indicated sewer leakage prior to it being decommissioned (carried out by JBS&G for AD).
- The sewer was tunnelled with variable cross-sectional dimensions ranging from 0.7 m to 1.5 m.
- Back-grouting was undertaken after installation of the new sewer in 2015/2016. It is noted that any ongoing seepage of groundwater into the sewer, from the surrounding fractured basalt would have ceased at that point in time, with a potential rise in standing groundwater levels.

### 4.5 Rainfall and River Level Data

Rainfall, river level and wind data for Melbourne from December 2018 to February 2020 are presented in Appendix D and are summarised below:

- Cumulative rainfall records for Melbourne in 2019 show the driest January to end May period in the available record set. This was followed by a number of moderate rainfall events after 25 May.
- River level data, for a station in the immediate vicinity of the site shows fluctuating mean daily level rises and falls with amplitudes in the order of 0.2 m to 0.5 m, corresponding with rainfall events.
- Slump incidents B and C occurred immediately after high daily rainfall and river level events;
  - Slump B (immediately prior Jan-1, 2019): Daily Rainfall / Hourly River Level event immediately prior, of 42 mm and 1.4 m respectively;
  - Slump C (on or near May 31, 2019): Daily Rainfall / Hourly River Level event immediately prior, of 25 mm and 0.75 m respectively, following the six-month, driest period on record;
- There were four events where the river gauge readings were higher than 1 m in the period from Dec 2018 to end Dec 2019.
- Wind gust speeds for Melbourne are shown intermittently approaching 60 km / hr in the order of 2 to 4 times per month.
- River Level Data, at Chandler Highway, for a seven-year period from 1998 to 2005 (Sourced from the Department of Environment, Land Water and Planning), showed seven instances with river levels above 2 m with a maximum of 3.6 m in 2003. The data is attached in Appendix D.
- It is noted that the gauge datum (GHD-2016) is RL 4.8 m AHD, with level readings in excess of approximately 2.5 m resulting in parts of the river terrace being inundated.

## Attachment 1 - Douglas Partners Report



### 5. Field Work

#### 5.1 Drilling Investigation

Field work comprised ten boreholes with standpipe installations in each, between 26 November and 4 December 2019. A track mounted drill rig was used. The borehole locations are shown Drawing 1 attached, in Appendix B. It is noted that the borehole numbers are not sequential due to adjustment of the nominal spread in consultation with AD.

- 2 No boreholes (DG1 and DG2) were drilled using air hammer drilling methods to depths of 15 m. DG1 was taken through the basalt terminating in siltstone, with DG2 terminating in fractured basalt.
- 3 No boreholes (DG5, DG6, DG7) were drilled using a combination of air-blade or air-hammer and solid flight augers, to depths of between 10 m and 15 m, terminating in natural basalt or siltstone.
- 3 No boreholes (DG4, DG12, DG16) were drilled with solid flight augers to depths of between 7 m and 7.8 m, terminating in siltstone.
- 2 No boreholes (DG13, DG15) were drilled by hand auger, due to access difficulties on the river bank. These were taken to depths of 5.4 m and 2.7 m respectively, terminating in inferred natural alluvium.

Standard penetration tests (SPTs) off auger samples were taken at selected intervals in the soils. SPT's were also taken at selected intervals in the rock to supplement logging of hammered chips and debris. Selected samples were photographed.

Groundwater monitoring standpipes were installed in the boreholes. Standpipe construction details are presented on the borehole logs in Appendix C.

Water level measurements in the standpipes were made on 12 December 2019, 23 January and 21 February 2020.

Co-ordinates and ground levels at the borehole locations were established using a GPS survey unit (datum WGS84, Zone 55H). The field work was supervised by a DP engineering geologist who was responsible for field work co-ordination, logging of the strata encountered, and handling of the samples collected.

#### 5.2 Test Pit Investigation

Five test pits were excavated on 9 December 2019 at the locations shown on Drawing 1, designated TP1 to TP5. The pits were excavated with a tracked excavator to depths of between 1 m and 2.7 m. One pit was terminated in natural alluvium at a depth of 1.5 m, with the others terminated in natural basalt. Samples were taken at selected intervals.

The pits were backfilled by bucket tamping the excavated spoil.

## Attachment 1 - Douglas Partners Report



### 6. Investigation Assessment Findings

Details of the conditions encountered in the boreholes are presented on the borehole logs attached in Appendix C. These should be read in conjunction with the notes about this report attached in Appendix A, which describe the symbols and terms used. The borehole locations are presented on Drawings 1A, 1B, 2A and 2B. It is noted that the boreholes were drilled using air hammer methods and logging of rock conditions was by examination of rock chips. Detailed rock mass fracture properties are not available. The conditions encountered in the boreholes were generally consistent with those expected and comprised:

- Variable thickness fill in all of the DP boreholes, excluding (DG1, DG15 and DG16);
- Quaternary Volcanics Basalt, upgradient (north) of the crest of the riverfront embankment;
- Quaternary or possibly recent alluvium in the terrace area (DG4, DG12, DG13, DG15 and DG16); and
- Silurian Sedimentary rock, beneath the basalt in DG1 and DG6, underlying the alluvium in the terrace area in DG4, DG12 and DG16, and underlying fill in borehole DG5.

Boreholes DG2 and DG7 were terminated in basalt.

In order to visualise conditions, geological cross-sections were prepared at four locations, perpendicular to the longitudinal direction of the river as shown on Drawing 2A. Conditions in each area are summarised below.

#### 6.1 Western Riverfront Area

Relevant boreholes in this area are DG2, DG4 and DG5. Relevant cross sections are A-1 and A-2 and B1. Borehole data from Ref: GHD-2013 (BHNY21 and BHNY22) is also presented on Cross Section A1. An extract of Section A2 is presented in Figure 7.

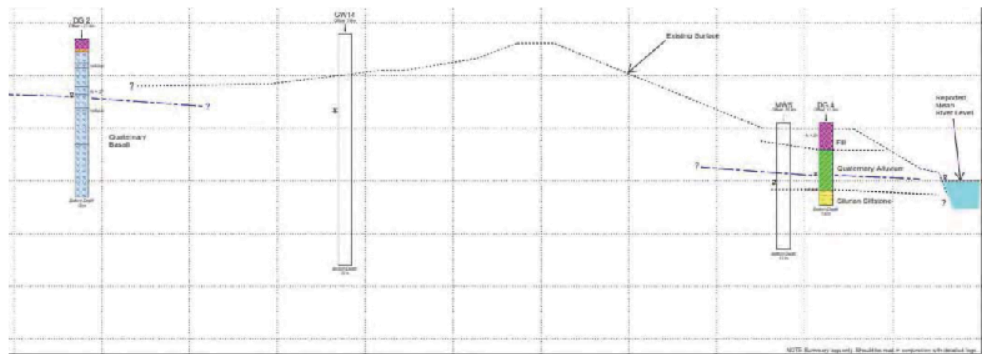


Figure 7 : Cross Section A2 Extract (see Appendix B for full cross section drawing)



## Attachment 1 - Douglas Partners Report



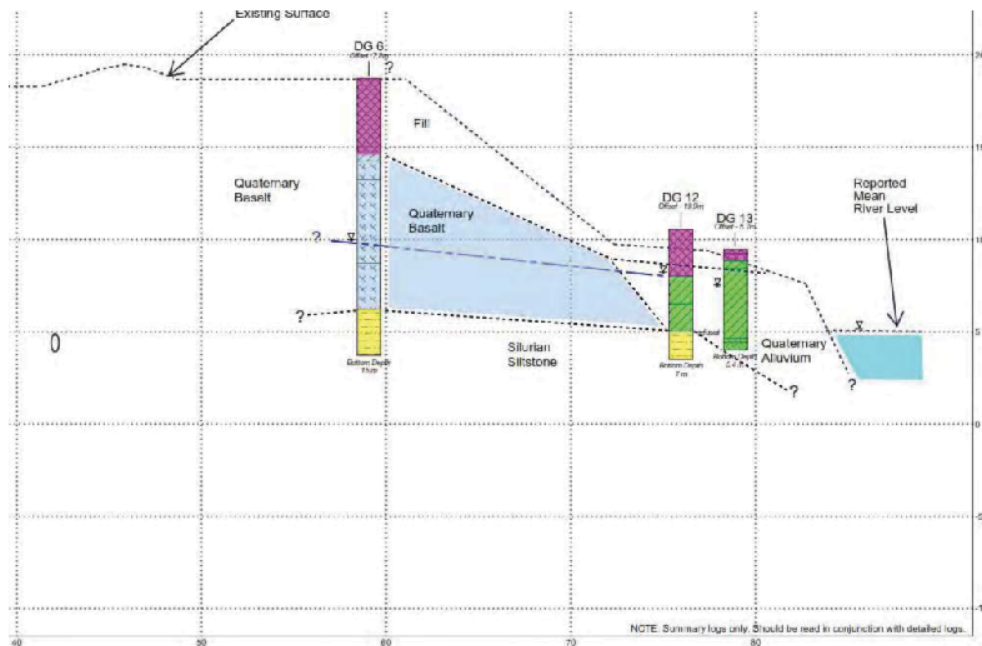
Available data indicates minor engineered clay fill to a depth of 0.9 m in DG2, in the zone just south of the boiler house. It is noted that the fill at this location was removed and replaced during remediation works in 2017. The rock was typically highly to moderately weathered with occasional extremely weathered zones. Strengths ranged from low to very high. From visual inspection the basalt extends to the crest of the riverbank.

The fill in borehole DG4 was 2.5 m thick and comprised stiff gravelly clay. The fill overlay a 3.8 m thick layer of natural, very stiff clay alluvium, overlying very low strength siltstone. The surface of the siltstone appears to rise adjacent to the river and fall away to the north (see cross section A1).

Cross section B-1 indicates gravel fill overlying clay fill to a depth of 2.9 m over residual Silurian clay over siltstone. At the location of cross section B2, the terrace alluvium ceases and interfaces with the Silurian unit without interfacing with the natural basalt

### 6.2 Central Area River Front Area Slump C

Relevant boreholes in this area are DG1, DG6, DG12 and DG13. Relevant cross sections are C-1 and C-2. An extract of cross-section C-2 is presented in Figure 8.



**Figure 8 : Cross Section C-2 Extract (see Appendix B for full cross section drawing)**

In this area the edge of the basalt flow interfaces with the fill and natural alluvium in the terrace zone. The surface of the siltstone falls away to the north (see borehole DG1 and cross-section C2-2, Appendix B). The embankment and apparent edge of the basalt flow are at their closest to the river at this location. It appears that there is a local peak in the Silurian surface around DG5 and DG6.

## Attachment 1 - Douglas Partners Report

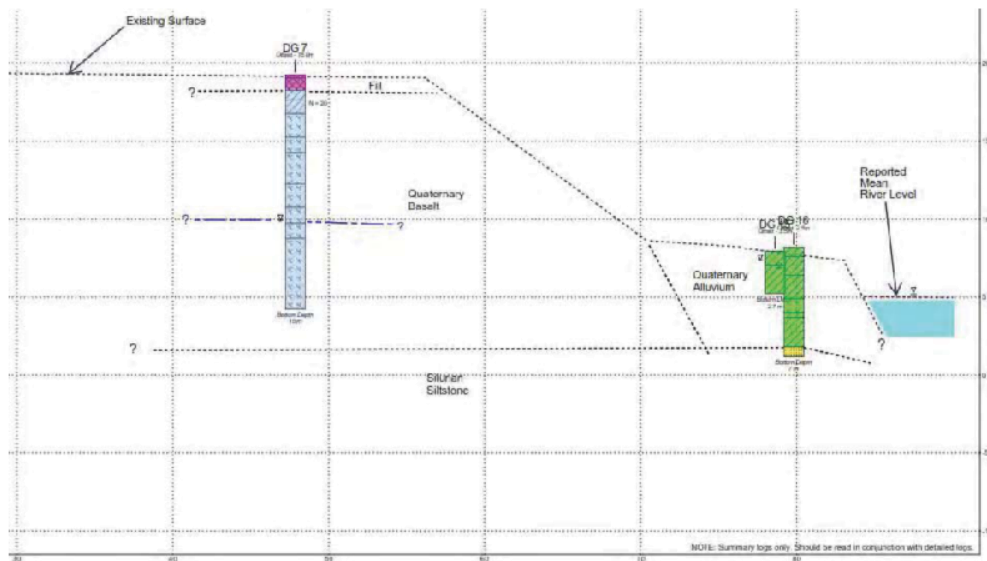


The fill above the basalt at the crest (DG6) was 4 m thick and comprised stiff gravelly clay.

The clay fill in DG12 was 2 m thick very stiff to hard and overlies firm natural alluvium over stiff inferred residual Silurian clay. The adjacent borehole (DG13) revealed minor fill over very stiff natural clay alluvium. A firm clay band was encountered near the water table, i.e. around 2.2 m in DG13.

### 6.3 Eastern Riverfront – Slump A: Area

The boreholes in this area are DG, DG15 and DG16. Relevant cross sections are D-1 and D-2. An extract of cross-section D-2 is presented in Figure 9.



**Figure 9 : Cross Section C-2 Extract (see Appendix B for full cross section drawing)**

Relevant edge of the basalt flow appears to interface with the natural alluvium in the terrace zone adjacent to the river. There is minor clay fill (1 m thickness) above the natural residual volcanic clays at the embankment crest. The embankment toe and edge of the basalt flow are located about 12 m to 15 m from the river. Groundwater was observed emanating from the toe of the bank at this point, consistent with the water level in standpipe DG7.

The surface horizon in DG15 comprised low plasticity clay and was firm and wet below a depth of 0.3 m. The underlying high plasticity clays were stiff and drier than the upper horizon. The moisture profile in DG15 is consistent with the development of perched water in the upper horizon above the heavier clay sub-soils. The elevated moisture is due to surface water flowing across the terrace from the toe of the embankment.

## Attachment 1 - Douglas Partners Report



Borehole DG16 indicated clay alluvium with a highly weathered basalt band between 3.3 m and 4.2 m. The apparent intercalated sequence of alluvium and weathered basalt is consistent with conditions encountered in construction excavations elsewhere at Yarrabend. Intercalated volcanic and alluvial materials were encountered in the lower parts of the quaternary basalt flow. The above alluvial sequence overlies the siltstone at a depth of 6.4 m. Wet soils were encountered between 1.8 m and 3.3 m in clay alluvium above the basalt band. The underlying soils did not appear to be moisture affected. The surface horizon in borehole DG16 was dry and not moisture affected at the time of the investigation.

### 6.4 Sediment Basin Test Pits

From visual observation the basins were excavated below original level with some of the excavated clays used to form perimeter embankments. At the time the investigation there were two basins with an embankment separating them. TP1 to TP4 were excavated through the basin floors, which were dry. TP5 was excavated through the southern embankment, which was approximately 2 m high. The pits revealed alluvial soils over quaternary basalt.

The pits excavated through the basin floors indicated alluvium above the basalt varying from 0.3 m to 1.7 m. The alluvium comprised sandy clay and fine sand with clay. Consistencies were very stiff or hard. Moisture at the surface was typically dry, becoming moist towards the base of the layer.

The embankment materials in TP5 comprised hard, dry clay fill to a depth of 1.1 m, over firm moist to wet gravelly clay fill to 1.9 m, over firm moist to wet natural clay alluvium to a depth of 2.6 m.

Basalt at the base of the pits was highly to moderately weathered and was encountered at depths of between 0.3 m and 2.6 m, typically 1 m to 1.7 m.

## 7. Groundwater

### 7.1 Historical Groundwater Data

Historical groundwater data was obtained from: DP- October 2019, DP - November 2019, GHD - August 2013, and GHD- May 2016. Reference details provided in Section 9.

Standpipe data was extracted from each of the above reports including, co-ordinates, surface RL to AHD (m), standpipe installation date, screened interval and groundwater depths for each reading. The data was collected at various times between 2008 and 2016. All of the standpipes were removed during the site demolition or remediation works.

The data was collated in a spread sheet and presented on Drawing 1C, showing borehole locations, groundwater RL and reading dates.



## Attachment 1 - Douglas Partners Report



## 7.2 DP 2019 / 2020 Groundwater Data

Standpipes were installed in the DP November / December 2019 boreholes. Groundwater levels recorded in the standpipes are presented in Table 1.

Table 1: Standpipe Groundwater Levels

Borehole Number	RL Ground Surface (m) AHD	Screened Interval Depth (m)	Date of Measurement	Water Depth Below Surface (m)	RL of Water (m) AHD
DG1	16.2	5-13.5	12 December 2019	5.3	10.94
			23 January 2020	5.4	10.84
			21 February 2020	5.21	11.03
DG2	18.4	4-13.5	12 December 2019	5.52	12.93
			23 January 2020	5.4	13.05
			21 February 2020	5.39	13.06
DG4	10.5	3-5	12 December 2019	5	5.47
			23 January 2020	4.05	6.42
			21 February 2020	4.6	5.87
DG5	11.8	4-10	12 December 2019	4.44	7.33
			23 January 2020	3.25	8.52
			21 February 2020	3.86	7.91
DG6	18.7	5.5-15	12 December 2019	8.79	9.93
			23 January 2020	8.75	9.97
			21 February 2020	8.95	9.77
DG7	19.3	5.5-15	12 December 2019	9.38	9.88
			23 January 2020	9.32	9.94
			21 February 2020	9.22	10.04
DG12	10.5	2.5-4.5	12 December 2019	2.35	8.17
			23 January 2020	2.33	8.19
			21 February 2020	2.44	8.08
DG13	9.4	2-4	12 December 2019	1.42	6.79
			23 January 2020	1.26	6.95
			21 February 2020	1.11	7.1
DG8	18	-	12 December 2019	-	-
			23 January 2020	-	-
			21 February 2020	8.88	9.2

## Attachment 1 - Douglas Partners Report



Initial water level readings are indicated on the relevant borehole logs in Appendix C and are presented on the cross-section drawings. The latter give a representation of the aquifer conditions and proximity to the riverfront embankment and Yarra River. The significance of the data is discussed in Section 8.

### 8. Discussion

The recent and historical (pre-demolition) slumps evident on the northern bank of the Yarra River adjacent to the Yarrabend development, are limited to approximate 1 m to 3 m wide strips back from the sub-vertical, 2 m to 3 m high, river bank. The slumps have occurred through the outer edge of the natural terrace deposit.

The slumping is restricted to the outer edge of the terrace without evidence of larger slips away from the bank.

There are no visually apparent active or recent slumps or landslip instances occurring in the embankment above the northern edge of the river terrace. The embankment ranges in height from 8 m to 10 m with slopes ranging from 1.6:1 H:V to 1.8 H:V. Boreholes DG6 and DG7 drilled at the embankment crest indicated surface fill over natural basalt rock extending well below the embankment toe and adjacent terrace soils.

Subject to visual monitoring of the embankment to confirm ongoing stability, the river edge slumping instances are the focus of this discussion and the adjacent embankment is not further discussed.

#### 8.1 General Causes of River Bank Erosion

Rivers are dynamic systems and the factors controlling their formation are complex and interrelated. Factors include, river flows, sedimentation, geology and vegetation extent. As these factors change over time, river systems respond by changing their shape and form. In stable rivers the rate of these changes is generally slow.

River bank formation is a natural process. Even stable river systems have some eroding banks, albeit at a slower rate and on a smaller scale than unstable systems.

Fluctuations in river levels and occasional flooding can affect banks as well as land uses with bank responses.

Stream bank erosion processes generally fall into two main groups, i.e. bank scour and mass failure. In many cases of bank instability both will be evident. Often with either scour or mass failure being dominant. Bank scour is the direct removal of bank materials by the physical action of flowing water. Less common in lower reaches of stable systems.

Mass failure includes bank collapse and slumping, where masses of bank material become unstable and topple or slide into the river channel, in single events. Mass failure is often dominant in the lower reaches of large rivers, often occurs in association with scouring of lower banks.

## Attachment 1 - Douglas Partners Report



Factors which can affect bank alteration processes comprise:

- a) stream bed lowering or infill
- b) rises in river levels, or inundation of bank soils followed by rapid drops in river levels
- c) moisture increases or saturation of bank materials from off-stream sources
- d) redirection and acceleration of flow around obstructions, debris or vegetation within the stream channel
- e) removal or disturbance of vegetation from stream banks
- f) bank soil characteristics such as localised higher permeability seams or zones or poor drainage in materials prone to softening within the bank profile
- g) wave action generated by wind or boat wash;
- h) intense rainfall/surface drainage events that affect bank materials;

The process is complex. Careful inspection can narrow down, but rarely pinpoint a single cause of instability.

Bank scour is the direct removal of bank materials by the physical action of flowing water and the sediment that it carries. As flow speed increases, the erosive power of flowing water also increases and scour may occur. Increases in flow speed can be the result of natural (e.g. from d, f and h) and/or human induced processes (e.g. a and e). Undercutting of the bank toe is an obvious sign of scour processes. Effective strategies for combating scour are generally aimed at reducing flow speed through revegetation and in some cases through strategic bank or channel works. Mass failure describes the various mechanisms of bank erosion that result in sections of the bank sliding or toppling into the stream.

Mass failure is sometimes described as collapse or slumping. Bare and near-vertical banks or areas of slumped bank materials are obvious signs of these processes. The causes of these types of failures are often difficult to determine but can include natural (e.g. b or f) and/or human factors (e.g. c, e or g). Collapse following undermining of the bank toe and slumping as a result of saturation after flooding are common examples of mass failure.

It is noted that pore-water pressures within the soil are a significant factor in most cases of slope instability, particularly when rapid changes or differential pressures develop. In addition to pore pressures, soil moisture condition is also a significant factor to the stability of the bank. It is noted that moisture variation is a key factor. While dry conditions result in increased suction and increased strength in clay profiles, the clay soils are reactive and prone to shrink-swell behaviour. Dry weather leads to potential for shrinkage cracks and soil structure changes that increase infiltration rates and water pathways into the profile and form tension cracks where water pressures can drive soil movements.

## Attachment 1 - Douglas Partners Report



### 8.2 Mechanisms and Factors Contributing to Slump Instances

From the available information slumping instances, A B and C are consistent with the mass failure or bank collapse described in Section 8.1. As previously mentioned the slumps are restricted to the zone just back from steep bank edges. There are a number of probable contributing factors.

Upgradient groundwater conditions, resulting from general surface infiltration and, in particular, the sediment basins, were nominated as the key factor contributing to the slumping instances by the City of Yarra's consultants (Alluvium-2019). The investigation and study indicate that upgradient groundwater conditions are a probable contributing factor in the slumping instances but one of a number. Due to the complexity of the geology, hydrogeology, variable vegetation conditions, historical slumping instances and modified site conditions it is not possible to pinpoint a single cause. While the geometry and interface shapes of the geological units vary along the river, key characteristics for the slump sites include:

- Near vertical, 2.5 m to 3 m high river edge banks, with a relatively flat terrace extending behind the bank to the toe of the adjacent embankment;
- Minor surface fill overlying natural alluvial materials extending below adjacent mean river level, over Silurian sedimentary rock;
- A basalt flow edge, forming an approximate 7 m to 10 m high, natural basalt rock embankment to the north of the terrace alluvium, with a thickening basalt unit rising and extending many km's to the north and north west of the northern river bank.
- A mean river level at 5.1 m, with occasional river level variations in the order 1 m to 2 m and less frequent but recorded instances of peak levels between 2.5 m and 3.5 m. A number of these would have inundated significant part of the terrace.
- The presence of groundwater in the fractured basalt aquifer to the north of the riverbank, interacting with the terrace alluvium, resulting in groundwater levels in the terrace ranging from RL 5.5 m to 7.8 m AHD and exhibiting some fluctuation, in recent measurements. It is noted that soil moisture conditions in the alluvium, at the borehole locations were variable. This is consistent with predominant clay alluvium, with local higher permeability seams and lenses.
- From the boreholes the terrace soils were typically stiff to very stiff with localised firm zones.
- From the investigation fill materials do not appear to be a significant factor contributing to the slump instances.

Groundwater conditions are discussed further in Section 8.3.

Comment on the significance of site-specific factors are presented below.

## Attachment 1 - Douglas Partners Report



Table 2: Slump Instance Comment on Significance of Factors

Factor Description	Comment
a) Sub vertical bank edges with heights exceeding around 2 m to 3 m above mean river level.	This is a key factor. No active slumping is evident in river edge areas that have been made flatter through previous historical slumping.
a) stream bed lowering or infill	No information confirming this. Would require historical bathymetry data.
b) Rises in river levels, or inundation of bank soils followed by rapid drops in river levels	Probable contributing factor. Note that slumps B and C occurred after river level peaks, in December 2018 and May 2019. Consistent with fluctuating GW levels in standpipes near the river edge, historical and recent (MW5, MW4, DG4). Note that historical slumps are evident near these boreholes. See Plate 1 Appendix B, extracted from DP report -July 2019.
c) moisture increases or saturation of bank materials from off-stream sources	<p>Probable contributing factor.</p> <p>Up-gradient standing water levels are influencing soil moisture conditions in the areas of the slumps. The investigation has demonstrated likely hydraulic influence between groundwater in the fractured basalt unit and the soil in the terrace areas near Slumps A and C.</p> <p>The historical data is variable, but there is evidence historical occurrence of groundwater in the terrace soils before. Historical data in MW4, MW5 JBS&amp;G21 is consistent with previous elevated water in the terrace. It noted that organic soil development and absence of shrub vegetation under the Oak trees, near slump A is consistent with long term seasonal or intermittent wet ground.</p> <p>Upgradient groundwater conditions are inconclusive in demonstrating that recent upgradient conditions have caused the recent groundwater level increases, discussed in Section 8.3.</p>
d) redirection and acceleration of flow around obstructions, debris or vegetation within the stream channel	No information demonstrating this.
e) removal or disturbance of vegetation from stream banks	Not aware of significant removal other than toppled trees, where root systems were left in place as far as practicable.
f) bank soil characteristics such as localised higher permeability seams or zones or poor drainage in materials prone to softening within the bank profile	The terrace soils exhibit permeability variation consistent with alluvial deposits. Soil strengths are not an apparent factor with soils in the near slump boreholes typically exhibiting stiff to very stiff consistency. This points to bank height, sub vertical inclination and variation in groundwater levels through river fluctuation and upgradient conditions.

## Attachment 1 - Douglas Partners Report



### 8.3 Upgradient Groundwater Influences

Groundwater level data is presented on Drawing 1C Appendix B.

The key upgradient groundwater feature is the fractured basalt rock and the interface between the southern edge of the basalt flow boundary / embankment and the river terrace alluvial deposit.

It is evident from recent groundwater levels measured in the boreholes located in the embankment crest areas, in conjunction with the levels recorded in the river terrace that there is hydraulic connection between the fractured basalt aquifer and the alluvium in the terrace. This is illustrated on the cross-section drawings in Appendix B.

At the time of writing water is emanating from the toe of the embankment, adjacent to and just above the adjacent terrace. The water is trickling down to the river over slump A. This has developed since December 2019 and January 2020.

Key conclusions from the data are:

#### River front area West of Latrobe Avenue:

- Recent groundwater level readings and comparison with historic upgradient levels indicates consistency between recent and historical data;
- The levels in standpipes in the river front area (DG4, DG5) indicate levels well below the terrace surface and well below the upper bank zone.
- Upgradient groundwater levels do not appear to be a contributing factor to bank stability in this area at the time of writing.

#### River front area East of Latrobe Avenue:

- Groundwater levels in the crest area (DG6 and DG7) and adjacent terrace (DG12, DG13, DG15 and DG16) indicated groundwater levels in the terrace about 2 m to 2.5 m higher than adjacent mean river level, representing a likely contributing factor to adjacent slump activity.
- Historical groundwater data is not available in the crest area and it cannot be determined if these recent levels are unprecedented.
- There is evidence that the conditions have occurred before
  - o The level in JBSG21 from 2016 is consistent with the recent readings in DG15 and DG15 without significant change between then and now.
  - o As previously stated the organic soil under the Oak trees is consistent with localised intermittent wet / swampy ground.
- The present groundwater levels in the eastern part of the terrace are a probable contributing factor to slump activity.



## Attachment 1 - Douglas Partners Report



Upgradient site factors contributing to the groundwater conditions in the current eastern terrace area include:

- The presence of compacted site won and imported clay fill over a significant proportion of the upgradient site, minimising surface infiltration pathways;
- Sealed surfaces across the House and Land Area, since 2019, reducing infiltration in this zone in comparison to historical conditions;
- Removal of most of the former below ground services and associated drainage pathways from the site during the remediation phase in 2017/2018.
- Potential infiltration of water through the sediment basins located at the southern end of Latrobe Avenue. It is noted that City of Yarra's consultant (Alluvium-2019) nominate this as the key contributing factor influencing groundwater conditions in the river front area. The available data is not considered conclusive on this aspect. The profile underlying the basins comprise low permeability natural clay. The soils were generally dry and were not consistent with long term water infiltration. Seepage losses through an intermittently filled basin with a low permeability clay subgrade are unlikely to significantly contribute to the conditions in the underlying fractured basalt aquifer. It is further noted that the basins were managed in a way that minimised stored volumes, by using the water for moisture conditioning and dust suppression. Inflows were mitigated due the irregular surfaces during remediation. A proportion of water falling on the ground is absorbed into the surface soils, as discussed in Section 4.3.2.
- Significant contribution from the basins would require significant high permeability zones in the basin floors and these were not identified.
- It is noted that downgradient borehole DG1 did not indicate elevated water, with level approximately consistent with historical levels.

Backfilling the basins has eliminated any potential groundwater recharge pathways.

As mentioned in Section 4.4, the invert depth and location of the unlined western portion of the former North Yarra Sewer Main is a potential contributing factor to altered conditions in the eastern crest and terrace zone. With a reported invert level around 4 m to 5 m AHD, any infiltration into the old brick lined sewer would have reduced groundwater levels in the fractured basalt for decades. The suspected dewatering affect would have ceased when the sewer was back grouted as a decommissioning measure in 2015/2016.

It is noted that there are numerous possible unidentified natural or former industrial features that could be contributing to groundwater conditions. This includes the possibility of localised high-level perched water features in the natural basalt encountered elsewhere on the site (the Parkview apartment site) or natural fluctuation.

Further planned groundwater monitoring could assist in identifying possible influences.

## Attachment 1 - Douglas Partners Report



### 8.4 Further Action

Considering the ground profiles, groundwater conditions, recent and historical (pre-demolition) slumping instances, different approaches are recommended for three different the three terrace zones defined below. Further groundwater monitoring is required to define conditions and AD have instructed DP to install automated water level loggers for six targeted boreholes, with ongoing manual measurements required in the other four standpipes.

It is noted that bathymetry data (river floor levels) were recently collected for the relevant stretch of river. The data will be used to revise the cross-section drawings and as input for stability analysis.

#### 8.4.1 Area West of Latrobe Avenue

From visual observation, geotechnical and groundwater condition information, there does not appear to be a bank stability issue in this area at present.

It is suggested that ongoing measures include periodic groundwater level checks in the relevant borehole standpipes and periodic visual inspection of the riverbank and adjacent embankment.

#### 8.4.2 Central Area Slump C End of Latrobe

Relevant Cross-sections are C1 and C2, Appendix B, adjacent to Slump C. The available information indicates potential for further movement of the existing slump and there is some uncertainty around ongoing groundwater levels. It is also noted that the terrace is at its thinnest point at this location with the distance between the groundwater source and river bank, the closest for the site. This is a natural condition that increases the sensitivity of the location to upgradient groundwater variation.

It is recommended that monitoring be undertaken at this location, including groundwater levels, survey and visual inspection, with possible consideration of temporary or long-term sub-surface drainage depending on the outcome of the monitoring.

#### 8.4.3 Area East of Latrobe Avenue

Relevant Cross-sections are D1 and D2, Appendix B, adjacent to Slumps A and B. The available information indicates potential for further movement of the existing slump and the need for temporary drainage to mitigate the effect of the water emanating from the toe of the adjacent embankment and flowing across the surface to the current Slump A. It is understood that installation of the temporary sub-soil drain is occurring at the time of writing.

It is recommended that monitoring be undertaken at this location, including groundwater levels, survey and visual inspection, with possible consideration of long-term sub surface drain installation depending on the outcome of the monitoring.



## Attachment 1 - Douglas Partners Report



### 9. References

- Alluvium (august 2019) Tree collapse and bank slump investigation on Yarra River adjacent to former Amcor site at Alphington.
- A.S. James (November 2015). Geotechnical Investigation 680 Heidelberg Road Alphington (Ref:119250/B).
- Australian Government Bureau of Meteorology. Website (bom.gov.au) rainfall and wind data for Melbourne.
- Douglas Partners (July 2019). Yarra Rive Northern Bank Slump / Erosion and Tree Toppling Instance, Yarrabend Alphington. (Ref: 79075.12.R.003.Rev0).
- Douglas Partners (October 2019) Geotechnical / Groundwater Condition Assessment Parkview Apartments, 680 Heidelberg Road, Alphington. (Ref : 79075.17).
- Douglas Partners (November 2019). Report on Geotechnical Investigation. Residential Development (Former AMCOR Site) Lot 2A 626 Heidelberg Road, Alphington. (Ref: 79075.16.R.001.Rev0).
- GHD (August 2013). North Yarra Main Sewer Replacement Project Geotechnical Baseline Report.
- GHD (Feb 2016). Melbourne Water North Yarra Main Replacement Overall Plan, C3056/39/010 Rev2.
- GHD (May 2016). Former Alphington Paper Mill, Alphington. Groundwater Beneficial Use Impact Assessment.
- Melbourne Water website. (melbournewater.com.au) stream gauge data for Yarra River at Alphington.
- Nearmap.com (various historical aerial images).
- Reeds (January 2018) Yarrabend Main Drain Stage 1 – South Section Layout Plan and Longitudinal Cross Section, 22185G/MD1 Version G Sheets 2 and 4 of 8.
- Reeds (January 2020) Plan of Features and Levels. 626 Heidelberg Road, Alphington. Ref: 22185/G Version C, Sheets 1 to 4.
- Reeds (February 2020) Yarrabend SEMP Drawings Strategy Plans 22185G/SEMP. Sheets 1 to 4.
- Reeds (August 2013) Plan of Features and Levels. 626 Heidelberg Road, Alphington. Ref: 22185/FL Version C, 12/8/2013.

## Attachment 1 - Douglas Partners Report



### 10. Limitations

Douglas Partners (DP) has prepared this report for the Yarrabend River Frontage as instructed by Alphington Developments Pty Ltd. The work was carried out under DP's Conditions of Engagement. This report is provided for the exclusive use of for this project only and for the purposes as described in the report. It should not be used by or relied upon for other projects or purposes on the same or other site or by a third party. Any party so relying upon this report beyond its exclusive use and purpose as stated above, and without the express written consent of DP, does so entirely at its own risk and without recourse to DP for any loss or damage. In preparing this report DP has necessarily relied upon information provided by the client and/or their agents.

The results provided in the report are indicative of the sub-surface conditions on the site only at the specific sampling and/or testing locations, and then only to the depths investigated and at the time the work was carried out. Sub-surface conditions can change abruptly due to variable geological processes and also as a result of human influences. Such changes may occur after DP's field testing has been completed.

DP's advice is based upon the conditions encountered during this investigation. The accuracy of the advice provided by DP in this report may be affected by undetected variations in ground conditions across the site between and beyond the sampling and/or testing locations.

This report must be read in conjunction with all of the attached and should be kept in its entirety without separation of individual pages or sections. DP cannot be held responsible for interpretations or conclusions made by others unless they are supported by an expressed statement, interpretation, outcome or conclusion stated in this report.

This report, or sections from this report, should not be used as part of a specification for a project, without review and agreement by DP. This is because this report has been written as advice and opinion rather than instructions for construction.

The scope for work for this investigation/report did not include the assessment of surface or sub-surface materials or groundwater for contaminants.

---

**Douglas Partners Pty Ltd**

## Attachment 1 - Douglas Partners Report

---

### Appendix A

---

About This Report

## Attachment 1 - Douglas Partners Report

# About this Report Douglas Partners



### Introduction

These notes have been provided to amplify DP's report in regard to classification methods, field procedures and the comments section. Not all are necessarily relevant to all reports.

DP's reports are based on information gained from limited subsurface excavations and sampling, supplemented by knowledge of local geology and experience. For this reason, they must be regarded as interpretive rather than factual documents, limited to some extent by the scope of information on which they rely.

### Copyright

This report is the property of Douglas Partners Pty Ltd. The report may only be used for the purpose for which it was commissioned and in accordance with the Conditions of Engagement for the commission supplied at the time of proposal. Unauthorised use of this report in any form whatsoever is prohibited.

### Borehole and Test Pit Logs

The borehole and test pit logs presented in this report are an engineering and/or geological interpretation of the subsurface conditions, and their reliability will depend to some extent on frequency of sampling and the method of drilling or excavation. Ideally, continuous undisturbed sampling or core drilling will provide the most reliable assessment, but this is not always practicable or possible to justify on economic grounds. In any case the boreholes and test pits represent only a very small sample of the total subsurface profile.

Interpretation of the information and its application to design and construction should therefore take into account the spacing of boreholes or pits, the frequency of sampling, and the possibility of other than 'straight line' variations between the test locations.

### Groundwater

Where groundwater levels are measured in boreholes there are several potential problems, namely:

- In low permeability soils groundwater may enter the hole very slowly or perhaps not at all during the time the hole is left open;

- A localised, perched water table may lead to an erroneous indication of the true water table;
- Water table levels will vary from time to time with seasons or recent weather changes. They may not be the same at the time of construction as are indicated in the report; and
- The use of water or mud as a drilling fluid will mask any groundwater inflow. Water has to be blown out of the hole and drilling mud must first be washed out of the hole if water measurements are to be made.

More reliable measurements can be made by installing standpipes which are read at intervals over several days, or perhaps weeks for low permeability soils. Piezometers, sealed in a particular stratum, may be advisable in low permeability soils or where there may be interference from a perched water table.

### Reports

The report has been prepared by qualified personnel, is based on the information obtained from field and laboratory testing, and has been undertaken to current engineering standards of interpretation and analysis. Where the report has been prepared for a specific design proposal, the information and interpretation may not be relevant if the design proposal is changed. If this happens, DP will be pleased to review the report and the sufficiency of the investigation work.

Every care is taken with the report as it relates to interpretation of subsurface conditions, discussion of geotechnical and environmental aspects, and recommendations or suggestions for design and construction. However, DP cannot always anticipate or assume responsibility for:

- Unexpected variations in ground conditions. The potential for this will depend partly on borehole or pit spacing and sampling frequency;
- Changes in policy or interpretations of policy by statutory authorities; or
- The actions of contractors responding to commercial pressures.

If these occur, DP will be pleased to assist with investigations or advice to resolve the matter.

July 2010

## Attachment 1 - Douglas Partners Report

### *About this Report*

#### **Site Anomalies**

In the event that conditions encountered on site during construction appear to vary from those which were expected from the information contained in the report, DP requests that it be immediately notified. Most problems are much more readily resolved when conditions are exposed rather than at some later stage, well after the event.

#### **Information for Contractual Purposes**

Where information obtained from this report is provided for tendering purposes, it is recommended that all information, including the written report and discussion, be made available. In circumstances where the discussion or comments section is not relevant to the contractual situation, it may be appropriate to prepare a specially edited document. DP would be pleased to assist in this regard and/or to make additional report copies available for contract purposes at a nominal charge.

#### **Site Inspection**

The company will always be pleased to provide engineering inspection services for geotechnical and environmental aspects of work to which this report is related. This could range from a site visit to confirm that conditions exposed are as expected, to full time engineering presence on site.

July 2010

## Attachment 1 - Douglas Partners Report

# Cone Penetration Tests Douglas Partners



### Introduction

The Cone Penetration Test (CPT) is a sophisticated soil profiling test carried out in-situ. A special cone shaped probe is used which is connected to a digital data acquisition system. The cone and adjoining sleeve section contain a series of strain gauges and other transducers which continuously monitor and record various soil parameters as the cone penetrates the soils.

The soil parameters measured depend on the type of cone being used, however they always include the following basic measurements

- Cone tip resistance  $q_c$
- Sleeve friction  $f_s$
- Inclination (from vertical)  $i$
- Depth below ground  $z$

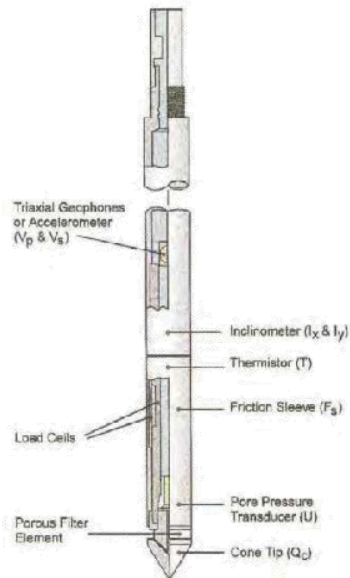


Figure 1: Cone Diagram

The inclinometer in the cone enables the verticality of the test to be confirmed and, if required, the vertical depth can be corrected.

The cone is thrust into the ground at a steady rate of about 20 mm/sec, usually using the hydraulic rams of a purpose built CPT rig, or a drilling rig. The testing is carried out in accordance with the Australian Standard AS1289 Test 6.5.1.



Figure 2: Purpose built CPT rig

The CPT can penetrate most soil types and is particularly suited to alluvial soils, being able to detect fine layering and strength variations. With sufficient thrust the cone can often penetrate a short distance into weathered rock. The cone will usually reach refusal in coarse filling, medium to coarse gravel and on very low strength or better rock. Tests have been successfully completed to more than 60 m.

### Types of CPTs

Douglas Partners (and its subsidiary GroundTest) owns and operates the following types of CPT cones:

Type	Measures
Standard	Basic parameters ( $q_c$ , $f_s$ , $i$ & $z$ )
Piezocone	Dynamic pore pressure ( $u$ ) plus basic parameters. Dissipation tests estimate consolidation parameters
Conductivity	Bulk soil electrical conductivity ( $\sigma$ ) plus basic parameters
Seismic	Shear wave velocity ( $V_s$ ), compression wave velocity ( $V_p$ ), plus basic parameters

### Strata Interpretation

The CPT parameters can be used to infer the Soil Behaviour Type (SBT), based on normalised values of cone resistance ( $Q_t$ ) and friction ratio ( $Fr$ ). These are used in conjunction with soil classification charts, such as the one below (after Robertson 1990)

July 2010



## Attachment 1 - Douglas Partners Report

### Cone Penetration Tests

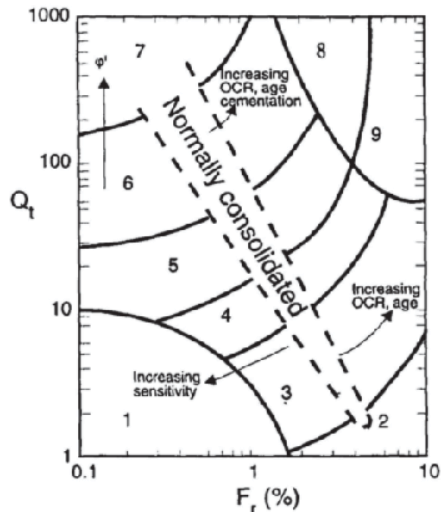


Figure 3: Soil Classification Chart

DP's in-house CPT software provides computer aided interpretation of soil strata, generating soil descriptions and strengths for each layer. The software can also produce plots of estimated soil parameters, including modulus, friction angle, relative density, shear strength and over consolidation ratio.

DP's CPT software helps our engineers quickly evaluate the critical soil layers and then focus on developing practical solutions for the client's project.

#### Engineering Applications

There are many uses for CPT data. The main applications are briefly introduced below:

##### Settlement

CPT provides a continuous profile of soil type and strength, providing an excellent basis for settlement analysis. Soil compressibility can be estimated from cone derived moduli, or known consolidation parameters for the critical layers (eg. from laboratory testing). Further, if pore pressure dissipation tests are undertaken using a piezocone, in-situ consolidation coefficients can be estimated to aid analysis.

#### Pile Capacity

The cone is, in effect, a small scale pile and, therefore, ideal for direct estimation of pile capacity. DP's in-house program ConePile can analyse most pile types and produces pile capacity versus depth plots. The analysis methods are based on proven static theory and empirical studies, taking account of scale effects, pile materials and method of installation. The results are expressed in limit state format, consistent with the Piling Code AS2159.

#### Dynamic or Earthquake Analysis

CPT and, in particular, Seismic CPT are suitable for dynamic foundation studies and earthquake response analyses, by profiling the low strain shear modulus  $G_0$ . Techniques have also been developed relating CPT results to the risk of soil liquefaction.

#### Other Applications

Other applications of CPT include ground improvement monitoring (testing before and after works), salinity and contaminant plume mapping (conductivity cone), preloading studies and verification of strength gain.

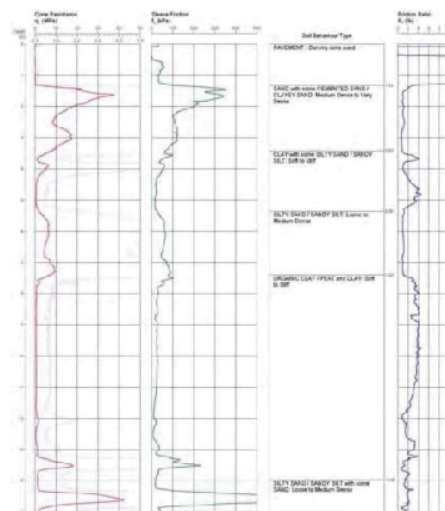


Figure 4: Sample Cone Plot

July 2010

## Attachment 1 - Douglas Partners Report

## Rock Descriptions

Douglas Partners

**Rock Strength**

Rock strength is defined by the Unconfined Compressive Strength and it refers to the strength of the rock substance and not the strength of the overall rock mass, which may be considerably weaker due to defects.

The Point Load Strength Index  $Is_{(50)}$  is commonly used to provide an estimate of the rock strength and site specific correlations should be developed to allow UCS values to be determined. The point load strength test procedure is described by Australian Standard AS4133.4.1-2007. The terms used to describe rock strength are as follows:

Strength Term	Abbreviation	Unconfined Compressive Strength MPa	Point Load Index * $Is_{(50)}$ MPa
Very low	VL	0.6 - 2	0.03 - 0.1
Low	L	2 - 6	0.1 - 0.3
Medium	M	6 - 20	0.3 - 1.0
High	H	20 - 60	1 - 3
Very high	VH	60 - 200	3 - 10
Extremely high	EH	>200	>10

\* Assumes a ratio of 20:1 for UCS to  $Is_{(50)}$ . It should be noted that the UCS to  $Is_{(50)}$  ratio varies significantly for different rock types and specific ratios should be determined for each site.

**Degree of Weathering**

The degree of weathering of rock is classified as follows:

Term	Abbreviation	Description
Residual Soil	RS	Material is weathered to such an extent that it has soil properties. Mass structure and material texture and fabric of original rock are no longer visible, but the soil has not been significantly transported.
Extremely weathered	XW	Material is weathered to such an extent that it has soil properties. Mass structure and material texture and fabric of original rock are still visible
Highly weathered	HW	The whole of the rock material is discoloured, usually by iron staining or bleaching to the extent that the colour of the original rock is not recognisable. Rock strength is significantly changed by weathering. Some primary minerals have weathered to clay minerals. Porosity may be increased by leaching, or may be decreased due to deposition of weathering products in pores.
Moderately weathered	MW	The whole of the rock material is discoloured, usually by iron staining or bleaching to the extent that the colour of the original rock is not recognisable, but shows little or no change of strength from fresh rock.
Slightly weathered	SW	Rock is partially discoloured with staining or bleaching along joints but shows little or no change of strength from fresh rock.
Fresh	FR	No signs of decomposition or staining.
<i>Note: If HW and MW cannot be differentiated use DW (see below)</i>		
Distinctly weathered	DW	Rock strength usually changed by weathering. The rock may be highly discoloured, usually by iron staining. Porosity may be increased by leaching or may be decreased due to deposition of weathered products in pores.

May 2019



## Attachment 1 - Douglas Partners Report

### *Rock Descriptions*

#### **Degree of Fracturing**

The following classification applies to the spacing of natural fractures in diamond drill cores. It includes bedding plane partings, joints and other defects, but excludes drilling breaks.

Term	Description
Fragmented	Fragments of <20 mm
Highly Fractured	Core lengths of 20-40 mm with occasional fragments
Fractured	Core lengths of 30-100 mm with occasional shorter and longer sections
Slightly Fractured	Core lengths of 300 mm or longer with occasional sections of 100-300 mm
Unbroken	Core contains very few fractures

#### **Rock Quality Designation**

The quality of the cored rock can be measured using the Rock Quality Designation (RQD) index, defined as:

$$\text{RQD \%} = \frac{\text{cumulative length of 'sound' core sections} \geq 100 \text{ mm long}}{\text{total drilled length of section being assessed}}$$

where 'sound' rock is assessed to be rock of low strength or stronger. The RQD applies only to natural fractures. If the core is broken by drilling or handling (i.e. drilling breaks) then the broken pieces are fitted back together and are not included in the calculation of RQD.

#### **Stratification Spacing**

For sedimentary rocks the following terms may be used to describe the spacing of bedding partings:

Term	Separation of Stratification Planes
Thinly laminated	< 6 mm
Laminated	6 mm to 20 mm
Very thinly bedded	20 mm to 60 mm
Thinly bedded	60 mm to 0.2 m
Medium bedded	0.2 m to 0.6 m
Thickly bedded	0.6 m to 2 m
Very thickly bedded	> 2 m

May 2019

## Attachment 1 - Douglas Partners Report

# Sampling Methods Douglas Partners



### Sampling

Sampling is carried out during drilling or test pitting to allow engineering examination (and laboratory testing where required) of the soil or rock.

Disturbed samples taken during drilling provide information on colour, type, inclusions and, depending upon the degree of disturbance, some information on strength and structure.

Undisturbed samples are taken by pushing a thin-walled sample tube into the soil and withdrawing it to obtain a sample of the soil in a relatively undisturbed state. Such samples yield information on structure and strength, and are necessary for laboratory determination of shear strength and compressibility. Undisturbed sampling is generally effective only in cohesive soils.

### Test Pits

Test pits are usually excavated with a backhoe or an excavator, allowing close examination of the in-situ soil if it is safe to enter into the pit. The depth of excavation is limited to about 3 m for a backhoe and up to 6 m for a large excavator. A potential disadvantage of this investigation method is the larger area of disturbance to the site.

### Large Diameter Augers

Boreholes can be drilled using a rotating plate or short spiral auger, generally 300 mm or larger in diameter commonly mounted on a standard piling rig. The cuttings are returned to the surface at intervals (generally not more than 0.5 m) and are disturbed but usually unchanged in moisture content. Identification of soil strata is generally much more reliable than with continuous spiral flight augers, and is usually supplemented by occasional undisturbed tube samples.

### Continuous Spiral Flight Augers

The borehole is advanced using 90-115 mm diameter continuous spiral flight augers which are withdrawn at intervals to allow sampling or in-situ testing. This is a relatively economical means of drilling in clays and sands above the water table. Samples are returned to the surface, or may be collected after withdrawal of the auger flights, but they are disturbed and may be mixed with soils from the sides of the hole. Information from the drilling (as distinct from specific sampling by SPTs or undisturbed samples) is of relatively low

reliability, due to the remoulding, possible mixing or softening of samples by groundwater.

### Non-core Rotary Drilling

The borehole is advanced using a rotary bit, with water or drilling mud being pumped down the drill rods and returned up the annulus, carrying the drill cuttings. Only major changes in stratification can be determined from the cuttings, together with some information from the rate of penetration. Where drilling mud is used this can mask the cuttings and reliable identification is only possible from separate sampling such as SPTs.

### Continuous Core Drilling

A continuous core sample can be obtained using a diamond tipped core barrel, usually with a 50 mm internal diameter. Provided full core recovery is achieved (which is not always possible in weak rocks and granular soils), this technique provides a very reliable method of investigation.

### Standard Penetration Tests

Standard penetration tests (SPT) are used as a means of estimating the density or strength of soils and also of obtaining a relatively undisturbed sample. The test procedure is described in Australian Standard 1289, Methods of Testing Soils for Engineering Purposes - Test 6.3.1.

The test is carried out in a borehole by driving a 50 mm diameter split sample tube under the impact of a 63 kg hammer with a free fall of 760 mm. It is normal for the tube to be driven in three successive 150 mm increments and the 'N' value is taken as the number of blows for the last 300 mm. In dense sands, very hard clays or weak rock, the full 450 mm penetration may not be practicable and the test is discontinued.

The test results are reported in the following form.

- In the case where full penetration is obtained with successive blow counts for each 150 mm of, say, 4, 6 and 7 as:  
4,6,7  
N=13
- In the case where the test is discontinued before the full penetration depth, say after 15 blows for the first 150 mm and 30 blows for the next 40 mm as:  
15, 30/40 mm

July 2010

## Attachment 1 - Douglas Partners Report

### *Sampling Methods*

The results of the SPT tests can be related empirically to the engineering properties of the soils.

#### **Dynamic Cone Penetrometer Tests / Perth Sand Penetrometer Tests**

Dynamic penetrometer tests (DCP or PSP) are carried out by driving a steel rod into the ground using a standard weight of hammer falling a specified distance. As the rod penetrates the soil the number of blows required to penetrate each successive 150 mm depth are recorded. Normally there is a depth limitation of 1.2 m, but this may be extended in certain conditions by the use of extension rods. Two types of penetrometer are commonly used.

- Perth sand penetrometer - a 16 mm diameter flat ended rod is driven using a 9 kg hammer dropping 600 mm (AS 1289, Test 6.3.3). This test was developed for testing the density of sands and is mainly used in granular soils and filling.
- Cone penetrometer - a 16 mm diameter rod with a 20 mm diameter cone end is driven using a 9 kg hammer dropping 510 mm (AS 1289, Test 6.3.2). This test was developed initially for pavement subgrade investigations, and correlations of the test results with California Bearing Ratio have been published by various road authorities.

July 2010

## Attachment 1 - Douglas Partners Report

# Soil Descriptions

## Douglas Partners



### Description and Classification Methods

The methods of description and classification of soils and rocks used in this report are generally based on Australian Standard AS1726:2017, Geotechnical Site Investigations. In general, the descriptions include strength or density, colour, structure, soil or rock type and inclusions.

### Soil Types

Soil types are described according to the predominant particle size, qualified by the grading of other particles present:

Type	Particle size (mm)
Boulder	>200
Cobble	63 - 200
Gravel	2.36 - 63
Sand	0.075 - 2.36
Silt	0.002 - 0.075
Clay	<0.002

The sand and gravel sizes can be further subdivided as follows:

Type	Particle size (mm)
Coarse gravel	19 - 63
Medium gravel	6.7 - 19
Fine gravel	2.36 - 6.7
Coarse sand	0.6 - 2.36
Medium sand	0.21 - 0.6
Fine sand	0.075 - 0.21

Definitions of grading terms used are:

- Well graded - a good representation of all particle sizes
- Poorly graded - an excess or deficiency of particular sizes within the specified range
- Uniformly graded - an excess of a particular particle size
- Gap graded - a deficiency of a particular particle size with the range

The proportions of secondary constituents of soils are described as follows:

In fine grained soils (>35% fines)

Term	Proportion of sand or gravel	Example
And	Specify	Clay (60%) and Sand (40%)
Adjective	>30%	Sandy Clay
With	15 - 30%	Clay with sand
Trace	0 - 15%	Clay with trace sand

In coarse grained soils (>65% coarse) - with clays or silts

Term	Proportion of fines	Example
And	Specify	Sand (70%) and Clay (30%)
Adjective	>12%	Clayey Sand
With	5 - 12%	Sand with clay
Trace	0 - 5%	Sand with trace clay

In coarse grained soils (>65% coarse) - with coarser fraction

Term	Proportion of coarser fraction	Example
And	Specify	Sand (60%) and Gravel (40%)
Adjective	>30%	Gravelly Sand
With	15 - 30%	Sand with gravel
Trace	0 - 15%	Sand with trace gravel

The presence of cobbles and boulders shall be specifically noted by beginning the description with 'Mix of Soil and Cobbles/Boulders' with the word order indicating the dominant first and the proportion of cobbles and boulders described together.

May 2019

## Attachment 1 - Douglas Partners Report

### Soil Descriptions

#### Cohesive Soils

Cohesive soils, such as clays, are classified on the basis of undrained shear strength. The strength may be measured by laboratory testing, or estimated by field tests or engineering examination. The strength terms are defined as follows:

Description	Abbreviation	Undrained shear strength (kPa)
Very soft	VS	<12
Soft	S	12 - 25
Firm	F	25 - 50
Stiff	St	50 - 100
Very stiff	VSt	100 - 200
Hard	H	>200
Friable	Fr	-

#### Cohesionless Soils

Cohesionless soils, such as clean sands, are classified on the basis of relative density, generally from the results of standard penetration tests (SPT), cone penetration tests (CPT) or dynamic penetrometers (PSP). The relative density terms are given below:

Relative Density	Abbreviation	Density Index (%)
Very loose	VL	<15
Loose	L	15-35
Medium dense	MD	35-65
Dense	D	65-85
Very dense	VD	>85

#### Soil Origin

It is often difficult to accurately determine the origin of a soil. Soils can generally be classified as:

- Residual soil - derived from in-situ weathering of the underlying rock;
- Extremely weathered material – formed from in-situ weathering of geological formations. Has soil strength but retains the structure or fabric of the parent rock;
- Alluvial soil – deposited by streams and rivers;

- Estuarine soil – deposited in coastal estuaries;
- Marine soil – deposited in a marine environment;
- Lacustrine soil – deposited in freshwater lakes;
- Aeolian soil – carried and deposited by wind;
- Colluvial soil – soil and rock debris transported down slopes by gravity;
- Topsoil – mantle of surface soil, often with high levels of organic material.
- Fill – any material which has been moved by man.

#### Moisture Condition – Coarse Grained Soils

For coarse grained soils the moisture condition should be described by appearance and feel using the following terms:

- Dry (D) Non-cohesive and free-running.
- Moist (M) Soil feels cool, darkened in colour.  
Soil tends to stick together.  
Sand forms weak ball but breaks easily.
- Wet (W) Soil feels cool, darkened in colour.  
Soil tends to stick together, free water forms when handling.

#### Moisture Condition – Fine Grained Soils

For fine grained soils the assessment of moisture content is relative to their plastic limit or liquid limit, as follows:

- 'Moist, dry of plastic limit' or 'w < PL' (i.e. hard and friable or powdery).
- 'Moist, near plastic limit' or 'w ≈ PL' (i.e. soil can be moulded at moisture content approximately equal to the plastic limit).
- 'Moist, wet of plastic limit' or 'w > PL' (i.e. soils usually weakened and free water forms on the hands when handling).
- 'Wet' or 'w ≈ LL' (i.e. near the liquid limit).
- 'Wet' or 'w > LL' (i.e. wet of the liquid limit).

May 2019

## Attachment 1 - Douglas Partners Report

# Symbols & Abbreviations

## Douglas Partners



### Introduction

These notes summarise abbreviations commonly used on borehole logs and test pit reports.

### Drilling or Excavation Methods

C	Core drilling
R	Rotary drilling
SFA	Spiral flight augers
NMLC	Diamond core - 52 mm dia
NQ	Diamond core - 47 mm dia
HQ	Diamond core - 63 mm dia
PQ	Diamond core - 81 mm dia

### Water

▷	Water seep
▽	Water level

### Sampling and Testing

A	Auger sample
B	Bulk sample
D	Disturbed sample
E	Environmental sample
U <sub>50</sub>	Undisturbed tube sample (50mm)
W	Water sample
pp	Pocket penetrometer (kPa)
PID	Photo ionisation detector
PL	Point load strength Is(50) MPa
S	Standard Penetration Test
V	Shear vane (kPa)

### Description of Defects in Rock

The abbreviated descriptions of the defects should be in the following order: Depth, Type, Orientation, Coating, Shape, Roughness and Other. Drilling and handling breaks are not usually included on the logs.

### Defect Type

B	Bedding plane
Cs	Clay seam
Cv	Cleavage
Cz	Crushed zone
Ds	Decomposed seam
F	Fault
J	Joint
Lam	Lamination
Pt	Parting
Sz	Sheared Zone
V	Vein

### Orientation

The inclination of defects is always measured from the perpendicular to the core axis.

h	horizontal
v	vertical
sh	sub-horizontal
sv	sub-vertical

### Coating or Infilling Term

cln	clean
co	coating
he	healed
inf	infilled
stn	stained
ti	tight
vn	veneer

### Coating Descriptor

ca	calcite
cbs	carbonaceous
cly	clay
fe	iron oxide
mn	manganese
slt	silty

### Shape

cu	curved
ir	irregular
pl	planar
st	stepped
un	undulating

### Roughness

po	polished
ro	rough
sl	slickensided
sm	smooth
vr	very rough

### Other

fg	fragmented
bnd	band
qtz	quartz

May 2017


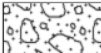
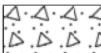



## Attachment 1 - Douglas Partners Report


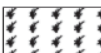



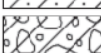



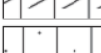

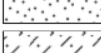
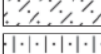

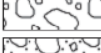
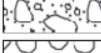

### *Symbols & Abbreviations*

#### Graphic Symbols for Soil and Rock






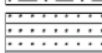



##### General

	Asphalt
	Road base
	Concrete
	Filling

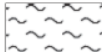


##### Soils

	Topsoil
	Peat
	Clay
	Silty clay
	Sandy clay
	Gravelly clay
	Shaly clay
	Silt
	Clayey silt
	Sandy silt
	Sand
	Clayey sand
	Silty sand
	Gravel
	Sandy gravel
	Cobbles, boulders
	Talus

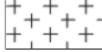


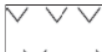

##### Sedimentary Rocks

	Boulder conglomerate
	Conglomerate
	Conglomeratic sandstone
	Sandstone
	Siltstone
	Laminite
	Mudstone, claystone, shale
	Coal
	Limestone

##### Metamorphic Rocks

	Slate, phyllite, schist
	Gneiss
	Quartzite

##### Igneous Rocks

	Granite
	Dolerite, basalt, andesite
	Dacite, epidote
	Tuff, breccia
	Porphyry

May 2017

**Attachment 1 - Douglas Partners Report**

---

**Appendix B**

---

Drawing 1A Yarrabend: Groundwater / Geotechnical Borehole /  
Test Pit Plan (2020 Nearmap Image Overlay)

Drawing 1B Yarrabend: Groundwater / Geotechnical Borehole /  
Test Pit Plan  
(Pre-demolition Survey Overlay)

Drawing 1C Yarrabend: Groundwater / Geotechnical Borehole /  
Test Pit Plan – Groundwater Level Data.  
(2020 Nearmap Image Overlay)

Drawing 2A Yarrabend: Northern River Bank Area: Groundwater /  
Geotechnical Borehole / Test Pit Plan  
(Nearmap and Contour 2020 Survey Overlay)

Drawing 2B Yarrabend: Northern River Bank Area  
Groundwater / Geotechnical Borehole / Test Pit Plan  
(Pre-Demolition Survey Overlay)

Cross Sections A1-A1 / A2-A2 / B-B / C1-C1 / C2-C2 / D1-D1 / D2-D2  
(8 sheets)

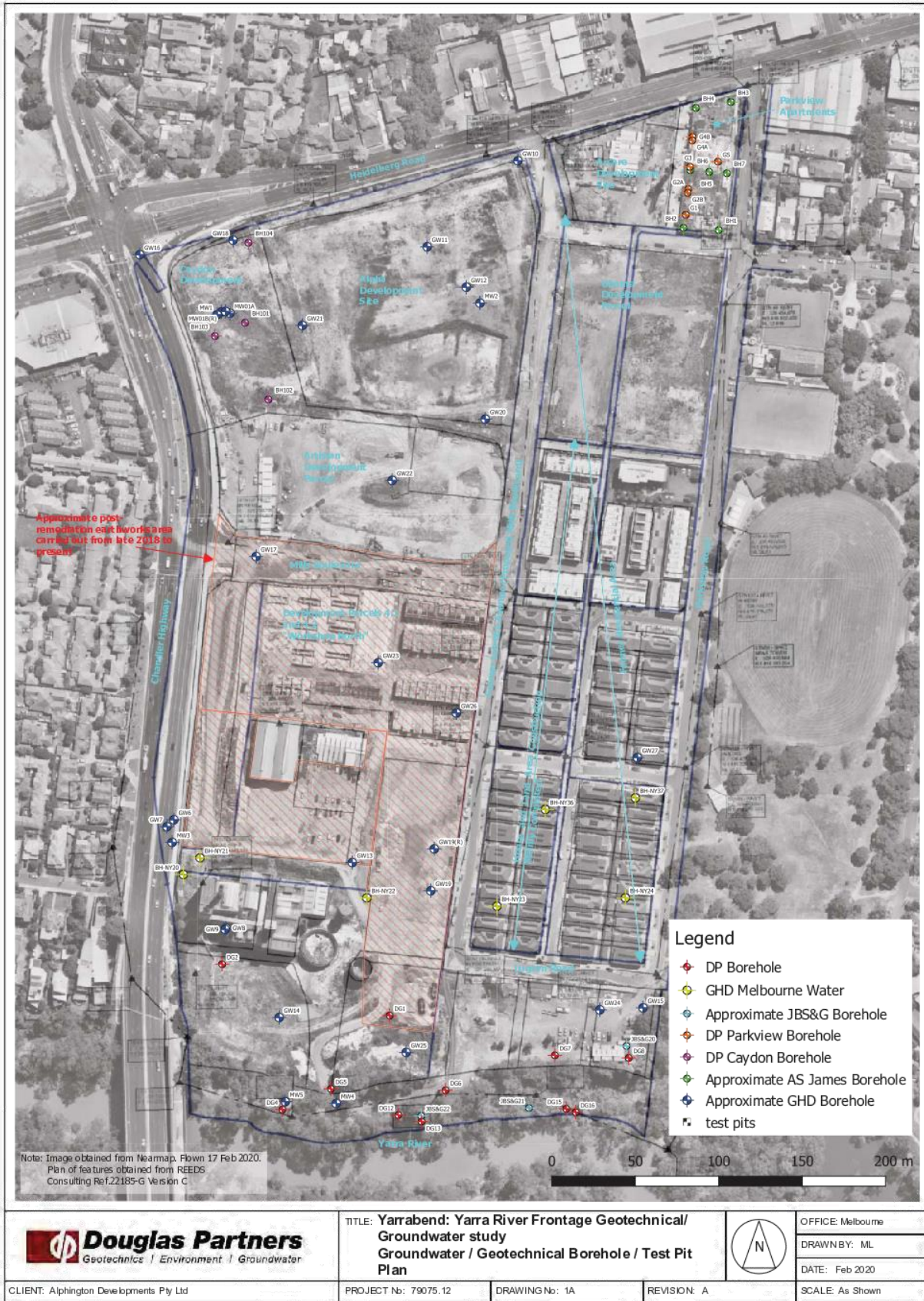
Reeds Main Drain Plan and Longitudinal Cross Section

GHD North Yarra Sewer Main Plan

Plate 1 and Plate 11 (extracts of DP July 2019 Report)

CSC Environmental Management Plan (EMP)

# Attachment 1 - Douglas Partners Report

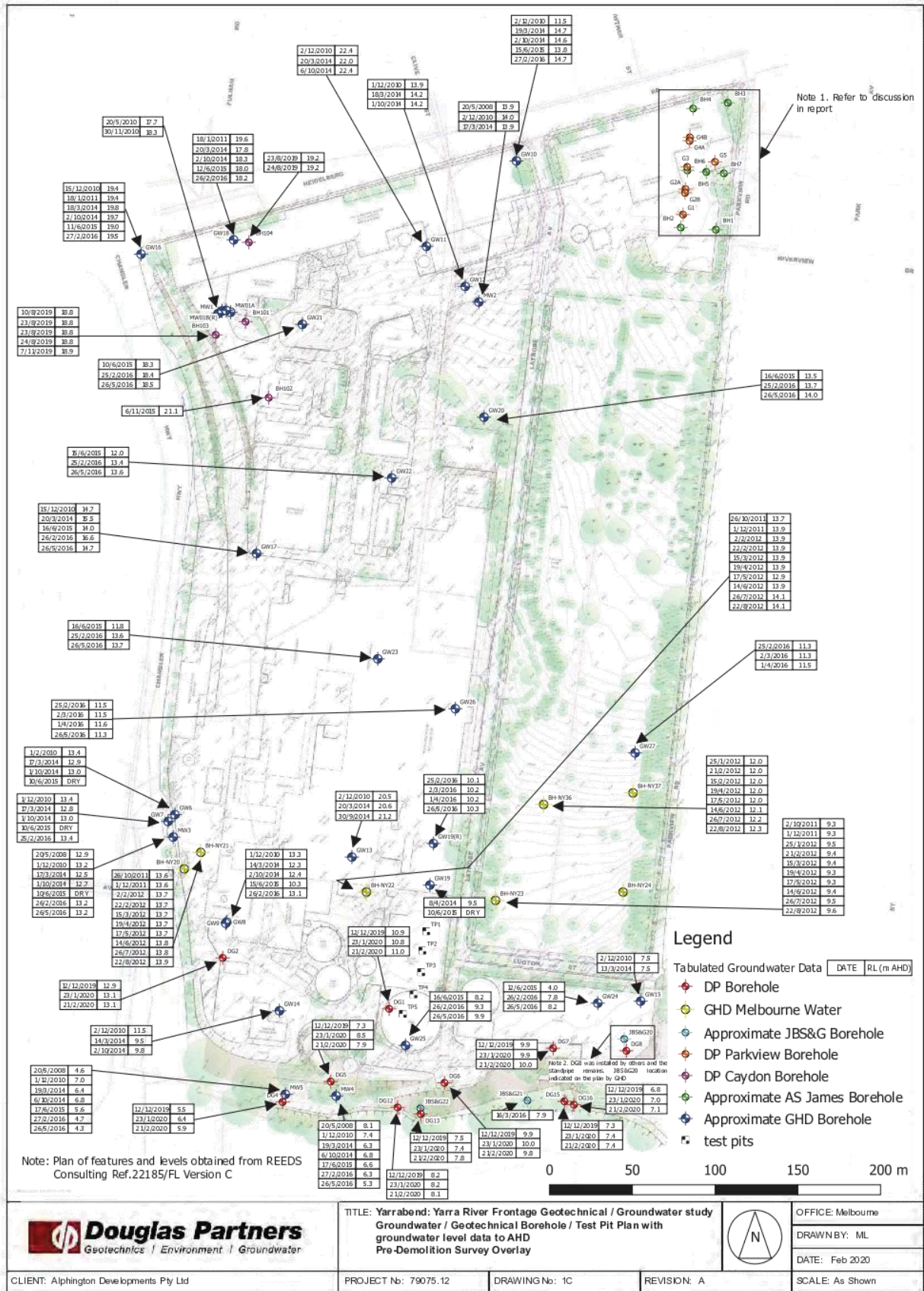




# Attachment 1 - Douglas Partners Report

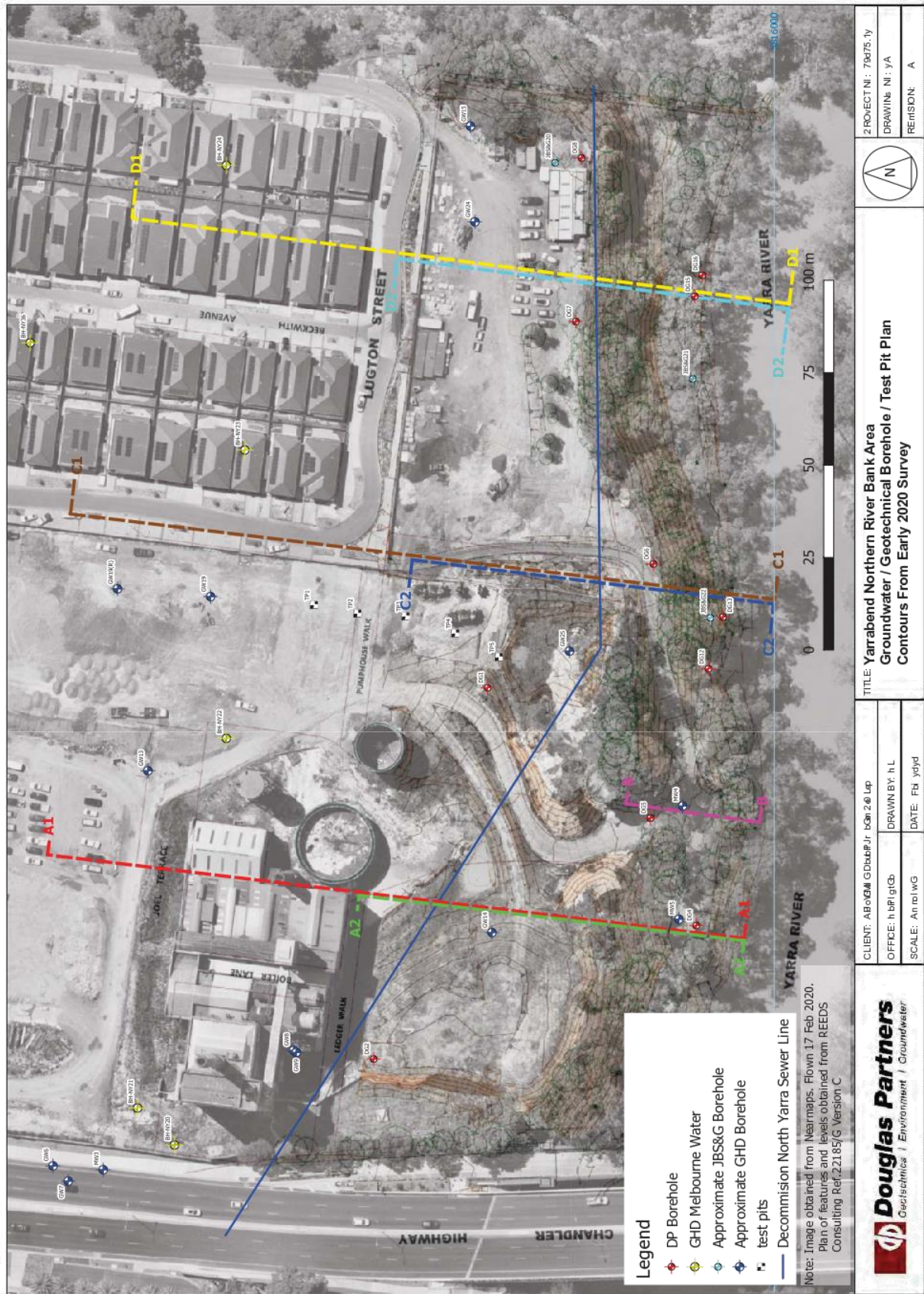


# Attachment 1 - Douglas Partners Report



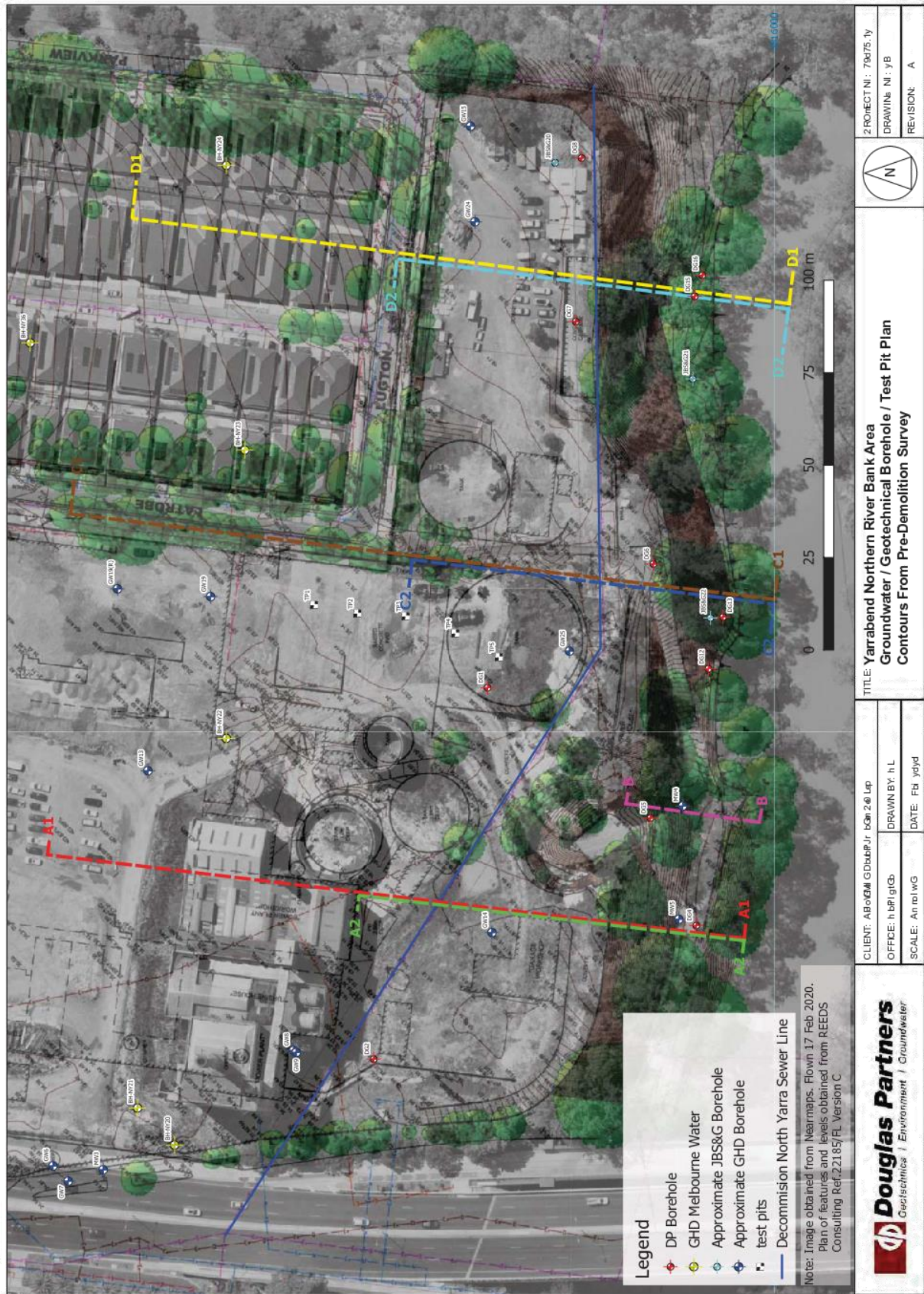


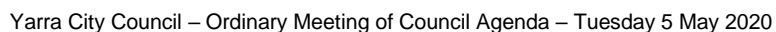
Attachment 1 - Douglas Partners Report



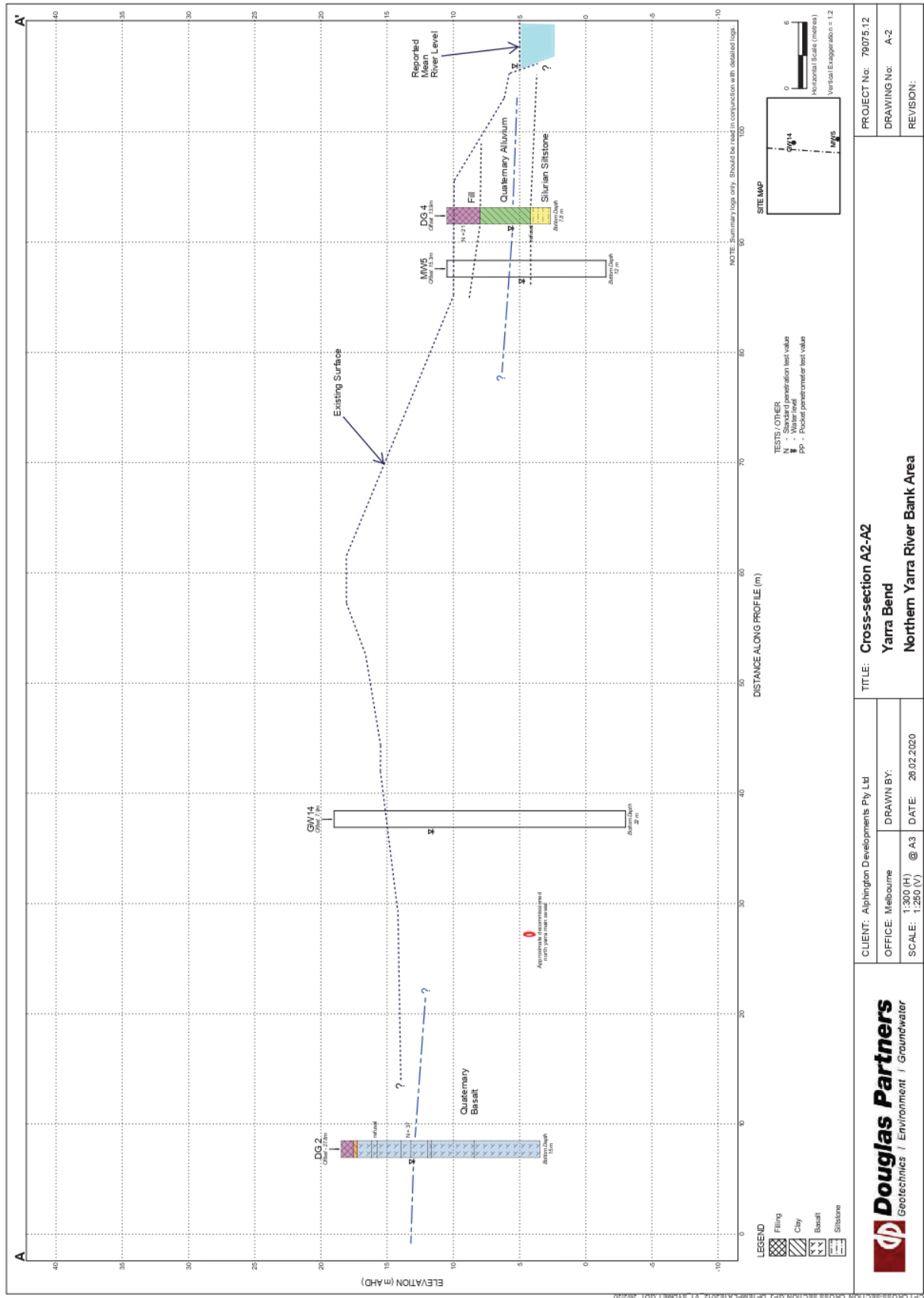


Attachment 1 - Douglas Partners Report





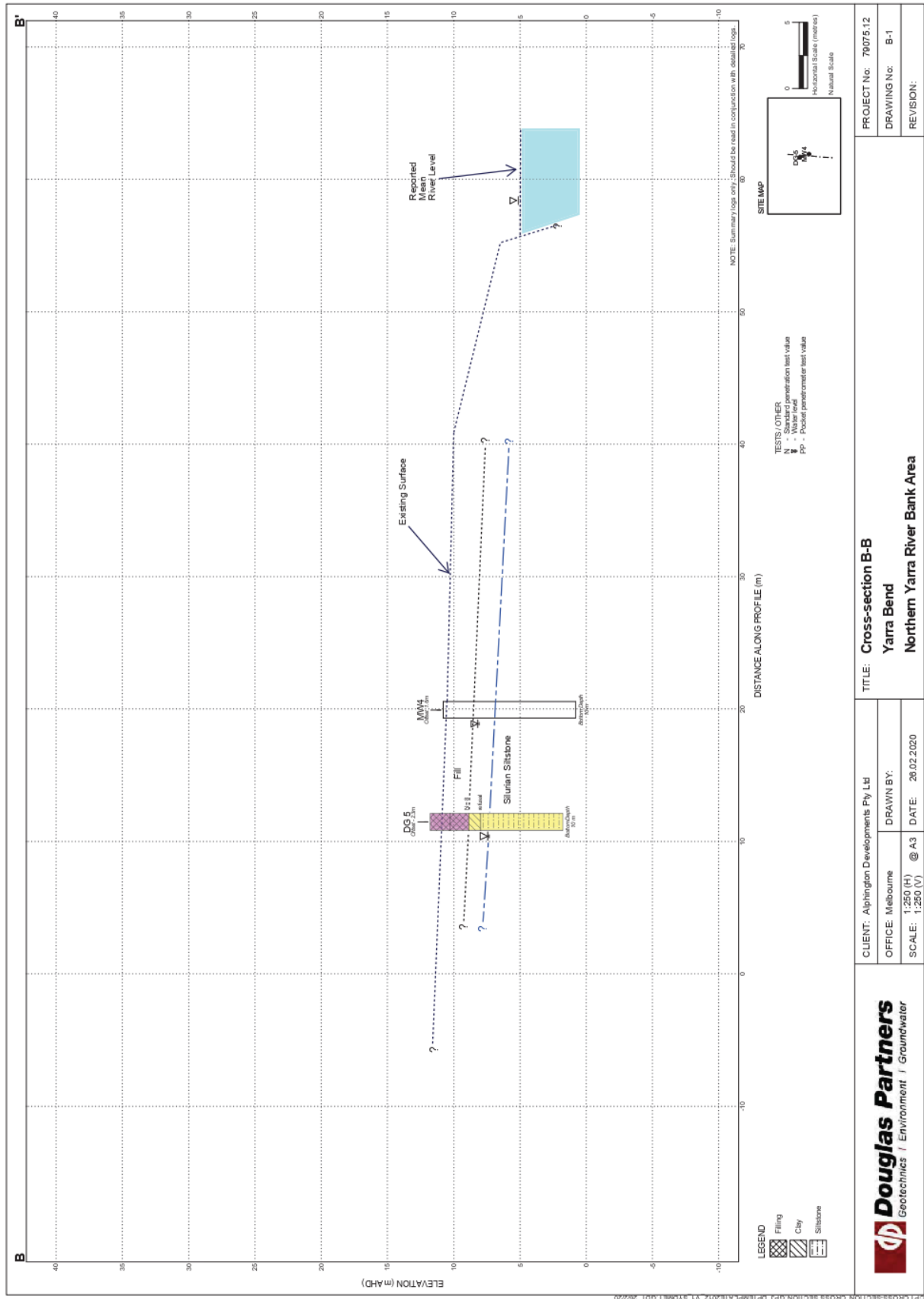
# Attachment 1 - Douglas Partners Report



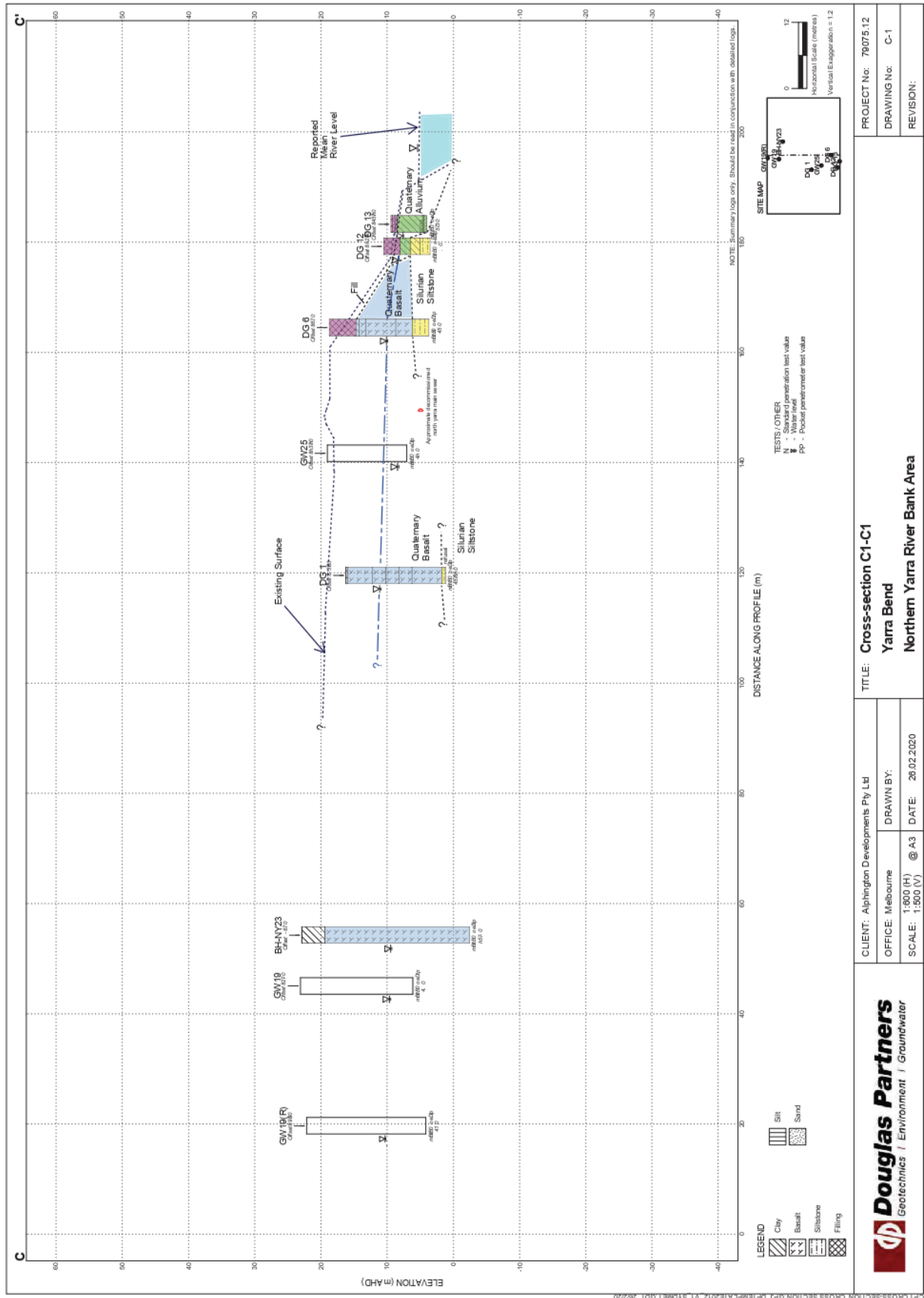
<b>Douglas Partners</b> <i>Geotechnics / Environment / Groundwater</i>	CLIENT: Alplington Developments Pty Ltd	TITLE: Cross-section A2-A2	PROJECT No: 79075.12
	OFFICE Melbourne	Yarra Bend	DRAWING No: A-2
	SCALE: 1:300 (H) @ A3 1:250 (V)	Northern Yarra River Bank Area	REVISION:
DRAWN BY: DATE: 26.02.2020			

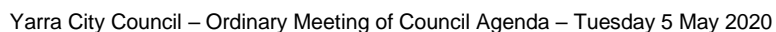


## Attachment 1 - Douglas Partners Report



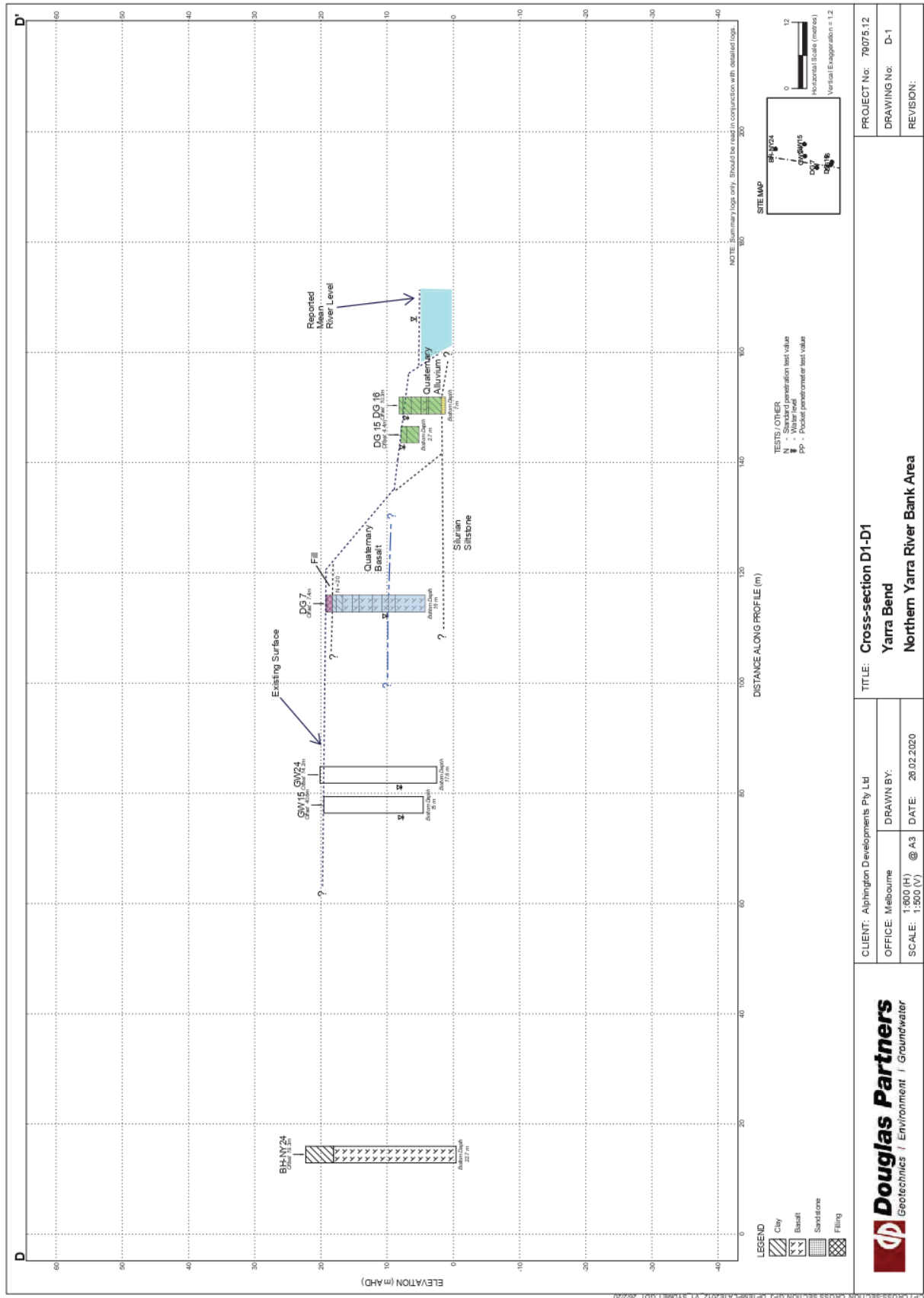
# Attachment 1 - Douglas Partners Report



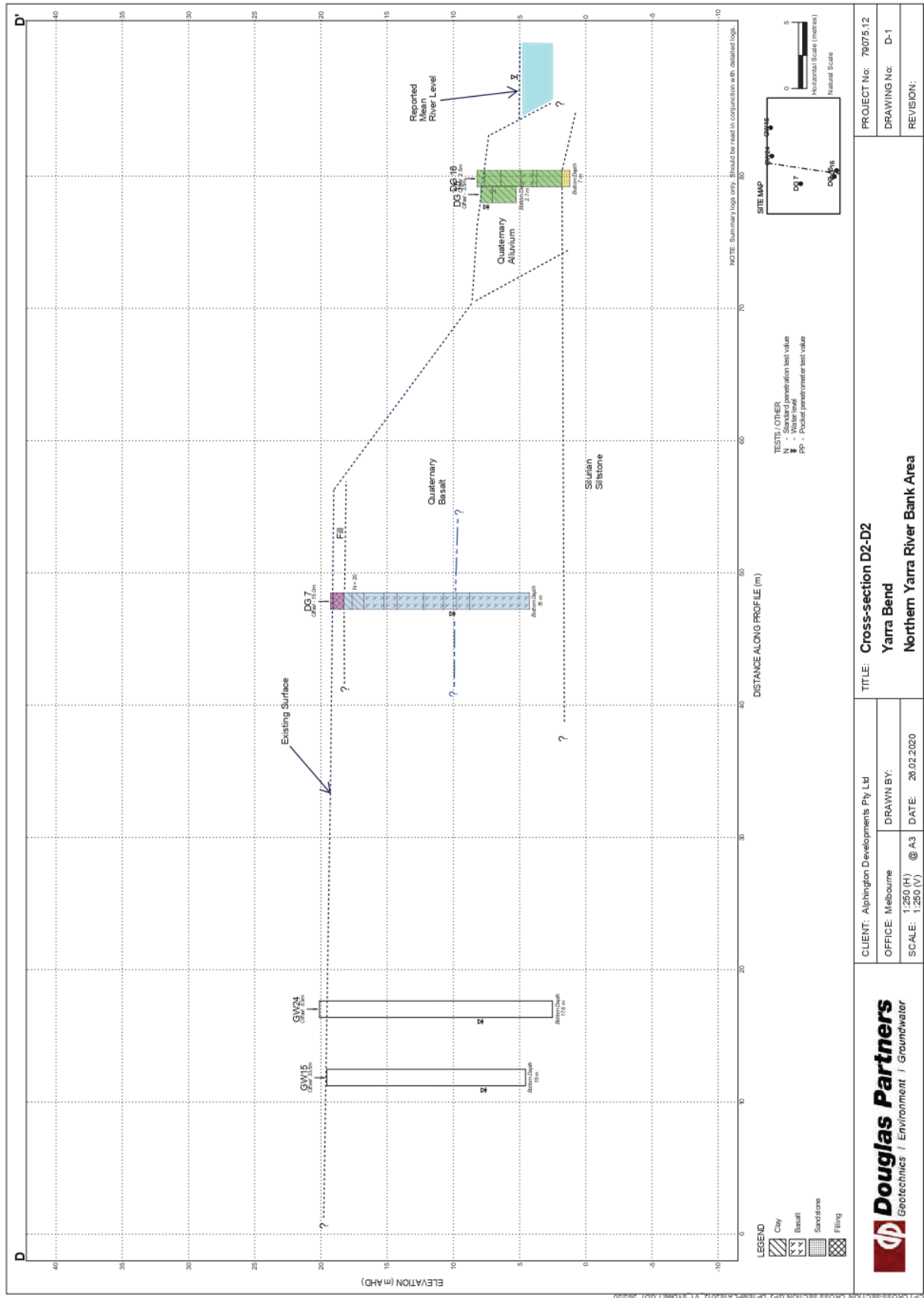




# Attachment 1 - Douglas Partners Report

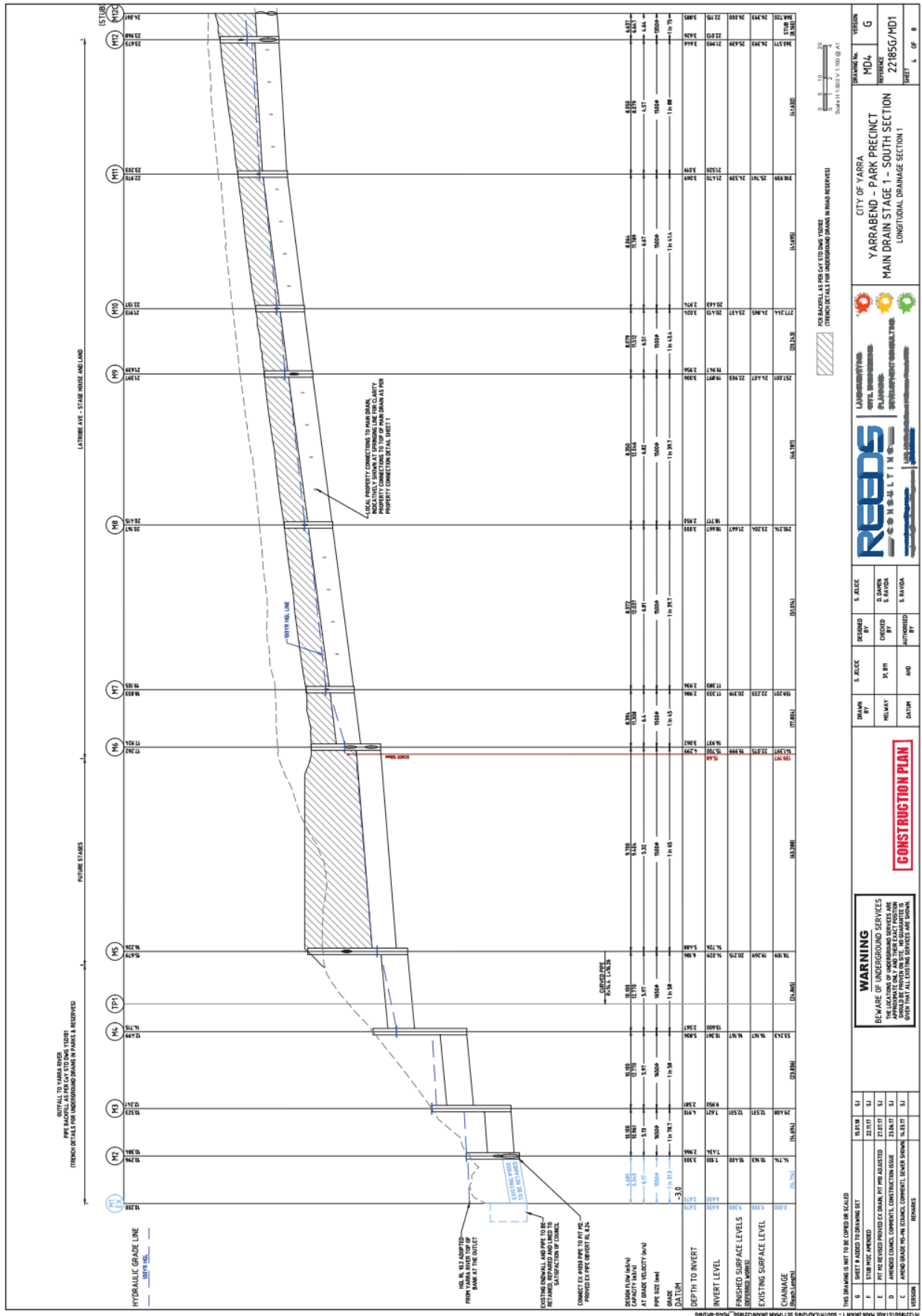


# Attachment 1 - Douglas Partners Report

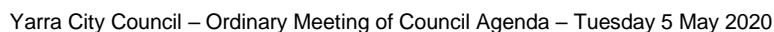




# Attachment 1 - Douglas Partners Report










# Attachment 1 - Douglas Partners Report



1 Old slump area, west of recent slump.



This map incorporates data which is © State of Victoria. The State of Victoria does not warrant the accuracy or completeness of information in this publication and any person using or relying upon such information does so on the basis that the State of Victoria shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information. Aerial image used under licence from Nearmap.

 <b>Douglas Partners</b> <i>Geotechnics   Environment   Groundwater</i>	<b>Site Photographs</b> <b>River Bank Erosion Assessment</b> <b>Yarrabend Development,</b> <b>Alphington</b>	PROJECT: 79075.12
		DWG No: Plate 1
		REV: 0
		DATE: June 2019
CLIENT: Alphington Developments Pty Ltd		




# Attachment 1 - Douglas Partners Report



11 Terrace area.



This map incorporates data which is © State of Victoria. The State of Victoria does not warrant the accuracy or completeness of information in this publication and any person using or relying upon such information does so on the basis that the State of Victoria shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information. Aerial image used under licence from Nearmap.

 <b>Douglas Partners</b> <i>Geotechnics   Environment   Groundwater</i>	<b>Site Photographs</b> <b>River Bank Erosion Assessment</b> <b>Yarrabend Development,</b> <b>Alphington</b>	PROJECT: 79075.12
		DWG No: Plate 11
		REV: 0
		DATE: June 2019
	CLIENT: Alphington Developments Pty Ltd	



# Attachment 1 - Douglas Partners Report

**THE FOLLOWING HAS BEEN IDENTIFIED AS SIGNIFICANT ENVIRONMENTAL ASPECTS FOR THE SITE**

The following table will be completed with the Environmental Management Plan (EMP) for the duration of the works.

**1. SIGNIFICANT ENVIRONMENTAL ASPECTS**

CONTRACTOR: CSC CIVIL CONSTRUCTIONS (AUST) PTY LTD  
 PROJECT: LATROBE AVE & PARKVIEW RD, ALPHINGTON  
 SITE SUPERVISOR: JOHN COLEMAN  
 DATE: 04/05/2017

**2. COMMUNICATION OF EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**3. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**4. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**5. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**6. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**7. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**8. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**9. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**10. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**11. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**12. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**13. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**14. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**15. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**16. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**17. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**18. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**19. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**20. EMP REQUIREMENTS**

The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required. The EMP will be made available to all relevant parties and will be updated as required.

**LEGEND**

STAGE BOUNDARY  
 TREE PROTECTION FENCING  
 SITE COMPOUND  
 SPILL KIT  
 REFUELLING AREA

**ENVIRONMENTAL MANAGEMENT PLAN**

CONTRACTOR: CSC CIVIL CONSTRUCTIONS (AUST) PTY LTD  
 PROJECT: LATROBE AVE & PARKVIEW RD, ALPHINGTON  
 DATE: 04/05/2017  
 SITE SUPERVISOR: JOHN COLEMAN

**FOR COUNCIL APPROVAL**

REVISION: 1 of 2  
 APPROVED: [Signature]  
 DATE: 04/05/2017

Yarra City Council – Ordinary Meeting of Council Agenda – Tuesday 5 May 2020

## Attachment 1 - Douglas Partners Report

---

### Appendix C

---

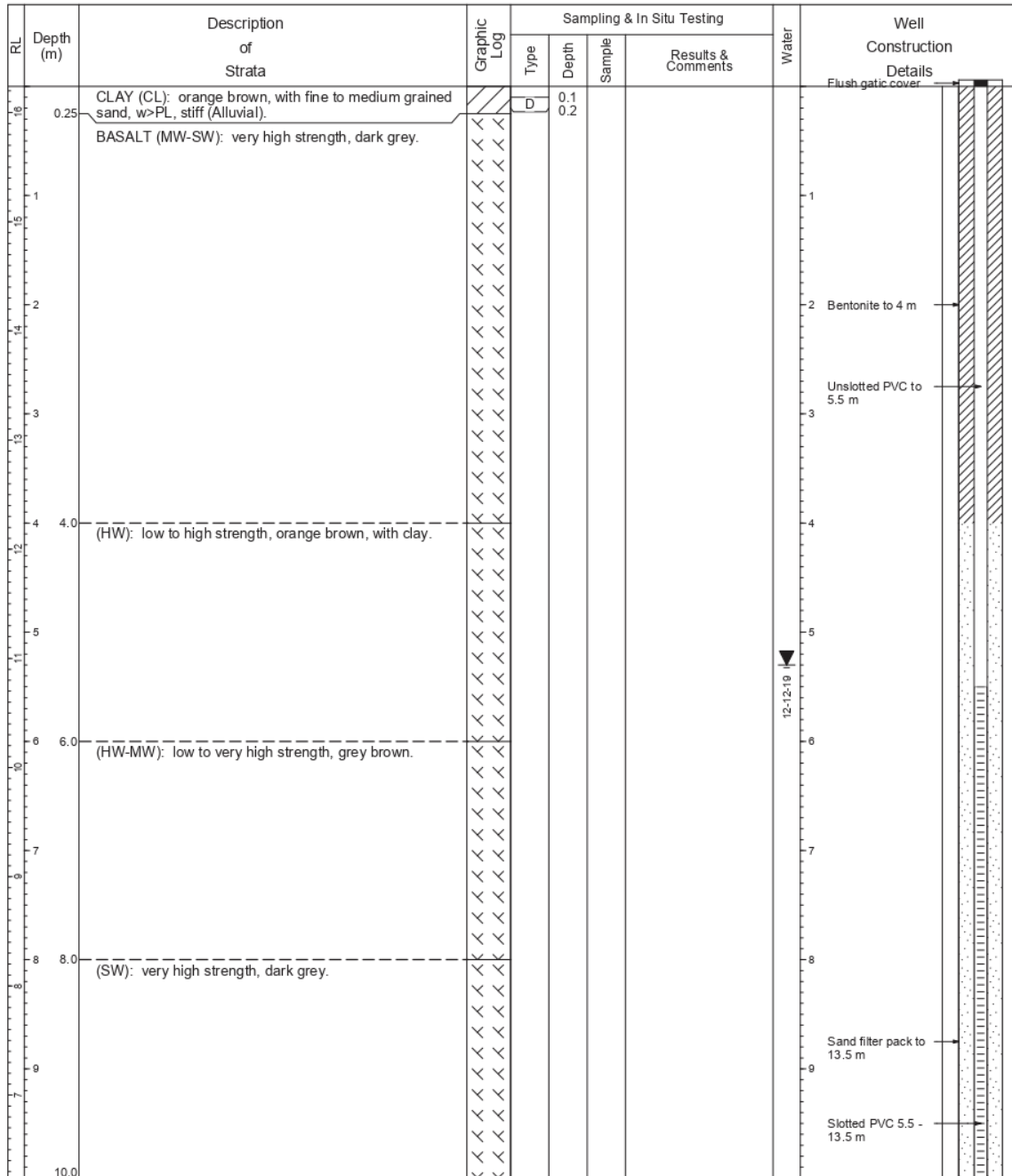
DP Borehole Logs Novemer – December (2019)  
SPT Sample Photoraphs  
DP Test Pit Logs (December 2019)  
Test Pit Photographs

Attachment 1 - Douglas Partners Report

# BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 16.24 m AHD  
**EASTING:** 326254.71  
**NORTHING:** 5816077.4  
**DIP/AZIMUTH:** 90°/-  
**BORE No:** DG 1  
**PROJECT No:** 79075.18  
**DATE:** 26/11/2019  
**SHEET 1 OF 2**



**RIG:** Fraste Multi-drill ML

**DRILLER:** Apex Drilling

**LOGGED:** APM

**CASING:** NA

**TYPE OF BORING:** Solid flight auger to 0.25 m; hammer drill to 15 m.

**WATER OBSERVATIONS:** Groundwater measured at 5.3 m

**REMARKS:** Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	G	Gas sample
B	Bulk sample	P	Piston sample
BLK	Block sample	U	Tube sample (x mm dia.)
C	Core drilling	W	Water sample
D	Disturbed sample	W	Water seep
E	Environmental sample	W	Water level
		PID	Photo ionisation detector (ppm)
		PL(A)	Point load axial test 1s(50) (MPa)
		PL(D)	Point load diametral test 1s(50) (MPa)
		pp	Pocket penetrometer (kPa)
		S	Standard penetration test
		V	Shear vane (kPa)





Attachment 1 - Douglas Partners Report

# BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 16.24 m AHD  
**EASTING:** 326254.71  
**NORTHING:** 5816077.4  
**DIP/AZIMUTH:** 90°/-

**BORE No:** DG 1  
**PROJECT No:** 79075.18  
**DATE:** 26/11/2019  
**SHEET 2 OF 2**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing				Water	Well Construction Details
				Type	Depth	Sample	Results & Comments		
10		BASALT (SW): very high strength, dark grey.	X						
11			X						
12			X						
13			X						
14			X						
14.5		SILTSTONE (MW): low strength, grey brown.	X						
15	15.02	Bore discontinued at 15.02m	X	S	15.02		3/20 mm double bouncing		
16									
17									
18									
19									

**RIG:** Fraste Multi-drill ML

**DRILLER:** Apex Drilling

**LOGGED:** APM

**CASING:** NA

**TYPE OF BORING:** Solid flight auger to 0.25 m; hammer drill to 15 m.

**WATER OBSERVATIONS:** Groundwater measured at 5.3 m

**REMARKS:** Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

SAMPLING & IN SITU TESTING LEGEND			
A Auger sample	G Gas sample	PID Photo ionisation detector (ppm)	
B Bulk sample	P Piston sample	PL(A) Point load axial test Is(50) (MPa)	
BLK Block sample	U <sub>1</sub> Tube sample (x mm dia.)	PL(D) Point load diametral test Is(50) (MPa)	
C Core drilling	W Water sample	pp Pocket penetrometer (kPa)	
D Disturbed sample	W <sub>1</sub> Water seep	S Standard penetration test	
E Environmental sample	W <sub>2</sub> Water level	V Shear vane (kPa)	





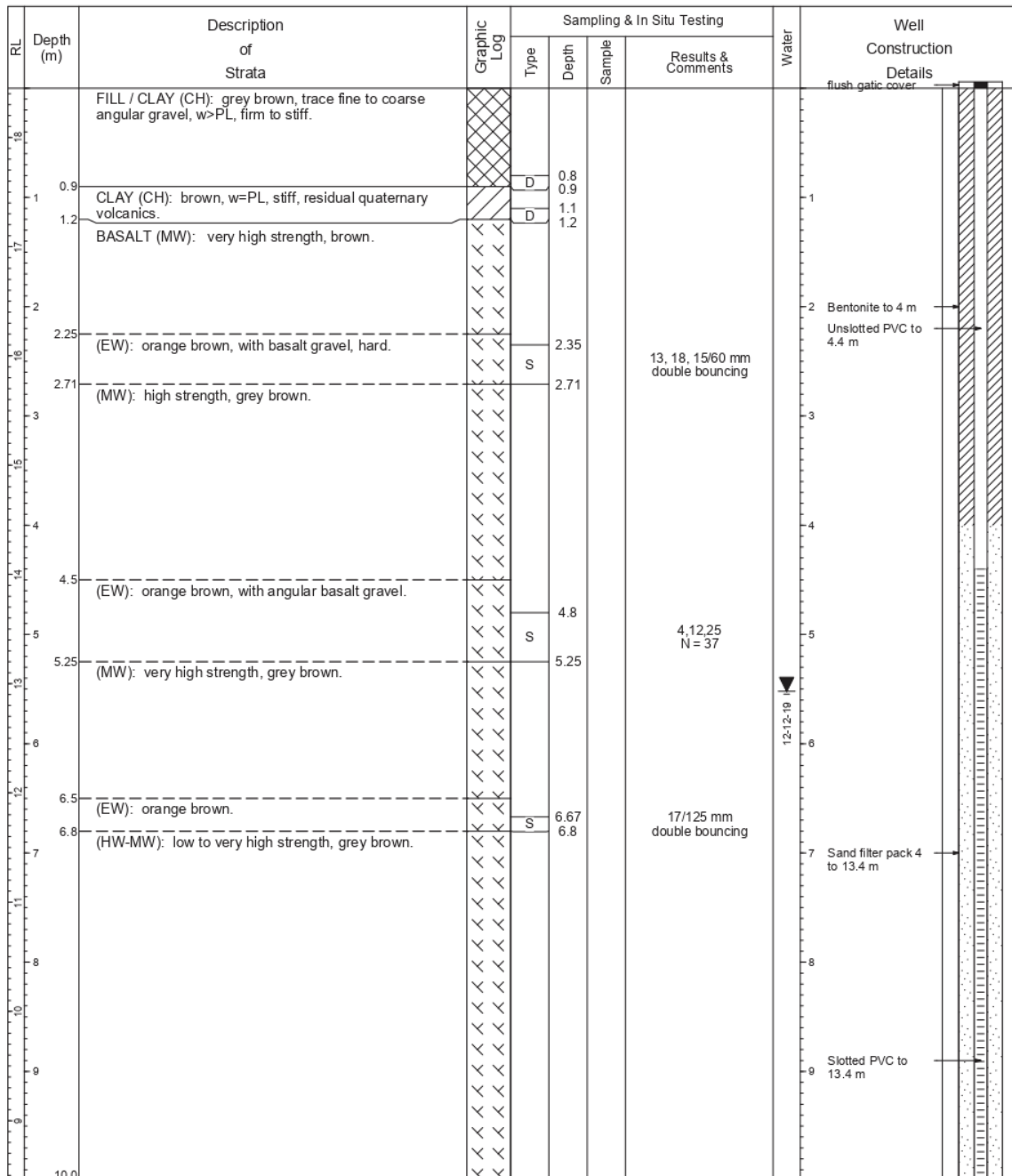
Attachment 1 - Douglas Partners Report

# BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 18.45 m AHD  
**EASTING:** 326154.27  
**NORTHING:** 5816108.19  
**DIP/AZIMUTH:** 90°/-

**BORE No:** DG 2  
**PROJECT No:** 79075.18  
**DATE:** 27/11/2019  
**SHEET 1 OF 2**



**RIG:** Fraste Multi-drill ML

**DRILLER:** Apex Drilling

**LOGGED:** APM

**CASING:** NA

**TYPE OF BORING:** Solid flight auger to 1.2 m; hammer drilling to 15 m.

**WATER OBSERVATIONS:** Groundwater measured at 5.52 m

**REMARKS:** Location coordinates are in WGS 84 Zone 55 H. Strong hydrocarbon odour on top of water table; standpipe installed on completion.

SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	G	Gas sample
B	Bulk sample	P	Piston sample
BLK	Block sample	U	Tube sample (x mm dia.)
C	Core drilling	W	Water sample
D	Disturbed sample	W	Water seep
E	Environmental sample	W	Water level
		PID	Photo ionisation detector (ppm)
		PL(A)	Point load axial test 1s(50) (MPa)
		PL(D)	Point load diametral test 1s(50) (MPa)
		pp	Pocket penetrometer (kPa)
		S	Standard penetration test
		V	Shear vane (kPa)



**SURFACE LEVEL:** 18.45 m AHD    **BORE No:** DG 2  
**EASTING:** 326154.27    **PROJECT No:** 79075.18  
**NORTHING:** 5816108.19    **DATE:** 27/11/2019  
**DIP/AZIMUTH:** 90°/-    **SHEET 2 OF 2**

**RIG:** Fraste Multi-drill ML      **DRILLER:** Apex Drilling      **LOGGED:** APM      **CASING:** NA  
**TYPE OF BORING:** Solid flight auger to 1.2 m; hammer drilling to 15 m.  
**WATER OBSERVATIONS:** Groundwater measured at 5.52 m  
**REMARKS:** Location coordinates are in WGS 84 Zone 55 H. Strong hydrocarbon odour on top of water table; standpipe installed on completion.

SAMPLING & IN SITU TESTING LEGEND					
A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test (s(50) (MPa)
BLK	Block sample	U	Tube sample (x mm dia.)	PL(D)	Point load diametral test (s(50) (MPa)
C	Core drilling	W	Water sample	pp	poop penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	⚡	Water level	V	Shear vane (kPa)



## Attachment 1 - Douglas Partners Report

## BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 10.47 m AHD  
**EASTING:** 326190.38  
**NORTHING:** 5816021.01  
**DIP/AZIMUTH:** 90°/-

**BORE No:** DG 4  
**PROJECT No:** 79075.18  
**DATE:** 4/12/2019  
**SHEET 1 OF 1**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing			Water	Well Construction Details
				Type	Depth	Sample	Results & Comments	
		FILL / GRAVELLY CLAY (CL): brown, with mottled orange, fine to coarse subangular gravel, w<PL, very stiff.		U <sub>63</sub>	0.5 0.6		PP NA due to gravel at base of tube	Flush gatic cover
	1			S	1.0		10, 12, 9 N = 21	Bentonite to 2.5 m
					1.45			Unslotted PVC to 3 m
	2			U <sub>63</sub>	2.0		PP NA due to gravel at base of tube	
					2.26			
	2.5	SILTY CLAY (CL): brown, w<PL, very stiff, alluvial.		U <sub>63</sub>	2.5			
					2.95			
	3							
		3.5 m: w=PL.						Sand filter pack 2.5 to 5 m
	4	4 m: w>PL, stiff.		U <sub>63</sub>	4.4 4.55		pp = 110-120	Slotted PVC 3 to 5 m
	5							
	6							
	6.3	SILTSTONE (HW): very low strength, pale brown, Fe stained.		S	6.3 6.34		30/40 mm double bouncing	Backfill 5 to 7.8 m
	7							
	7.8	Bore discontinued at 7.8m						
	8							
	9							

RIG: Fraste Multi-drill ML

DRILLER: Apex Drilling

LOGGED: APM

CASING: NA

TYPE OF BORING: Solid flight auger to end.

WATER OBSERVATIONS: Groundwater measured at 5.00 m

REMARKS: Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

## SAMPLING &amp; IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	W	Water seep	S	Standard penetration test
E	Environmental sample	W	Water level	V	Shear vane (kPa)

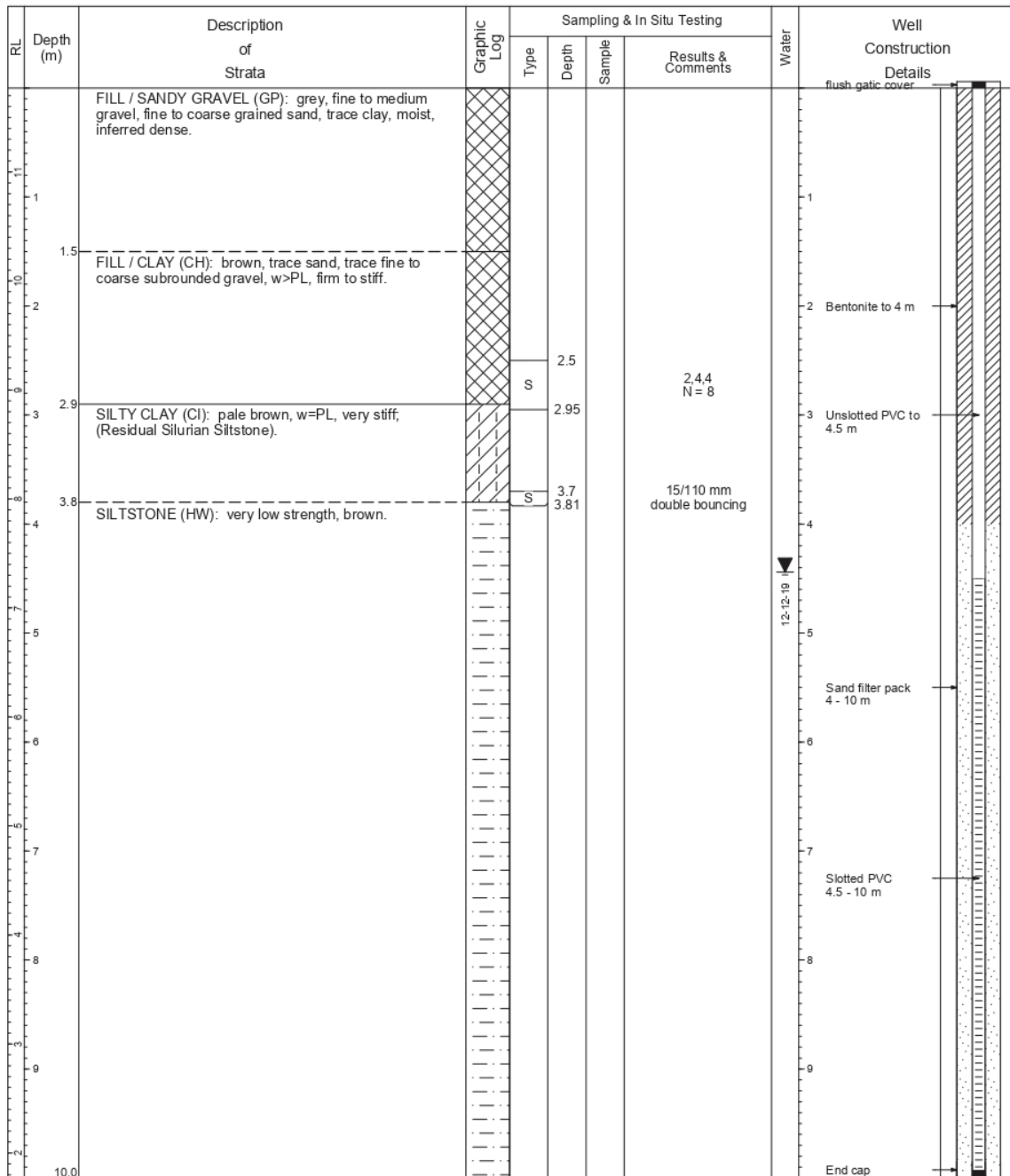


Attachment 1 - Douglas Partners Report

# BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 11.77 m AHD  
**EASTING:** 326219.45  
**NORTHING:** 5816033.41  
**DIP/AZIMUTH:** 90°/-  
**BORE No:** DG 5  
**PROJECT No:** 79075.18  
**DATE:** 27/11/2019  
**SHEET 1 OF 1**



**RIG:** Fraste Multi-drill ML  
**DRILLER:** Apex Drilling  
**LOGGED:** APM  
**CASING:** NA  
**TYPE OF BORING:** Solid flight auger to 3.7 m; PCD blade bit to 10 m.  
**WATER OBSERVATIONS:** Groundwater measured at 4.44 m  
**REMARKS:** Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

SAMPLING & IN SITU TESTING LEGEND			
A Auger sample	G Gas sample	PID Photo ionisation detector (ppm)	
B Bulk sample	P Piston sample	PL(A) Point load axial test 1s(50) (MPa)	
BLK Block sample	U Tube sample (x mm dia.)	PL(D) Point load diametral test 1s(50) (MPa)	
C Core drilling	W Water sample	pp Pocket penetrometer (kPa)	
D Disturbed sample	W Water seep	S Standard penetration test	
E Environmental sample	W Water level	V Shear vane (kPa)	



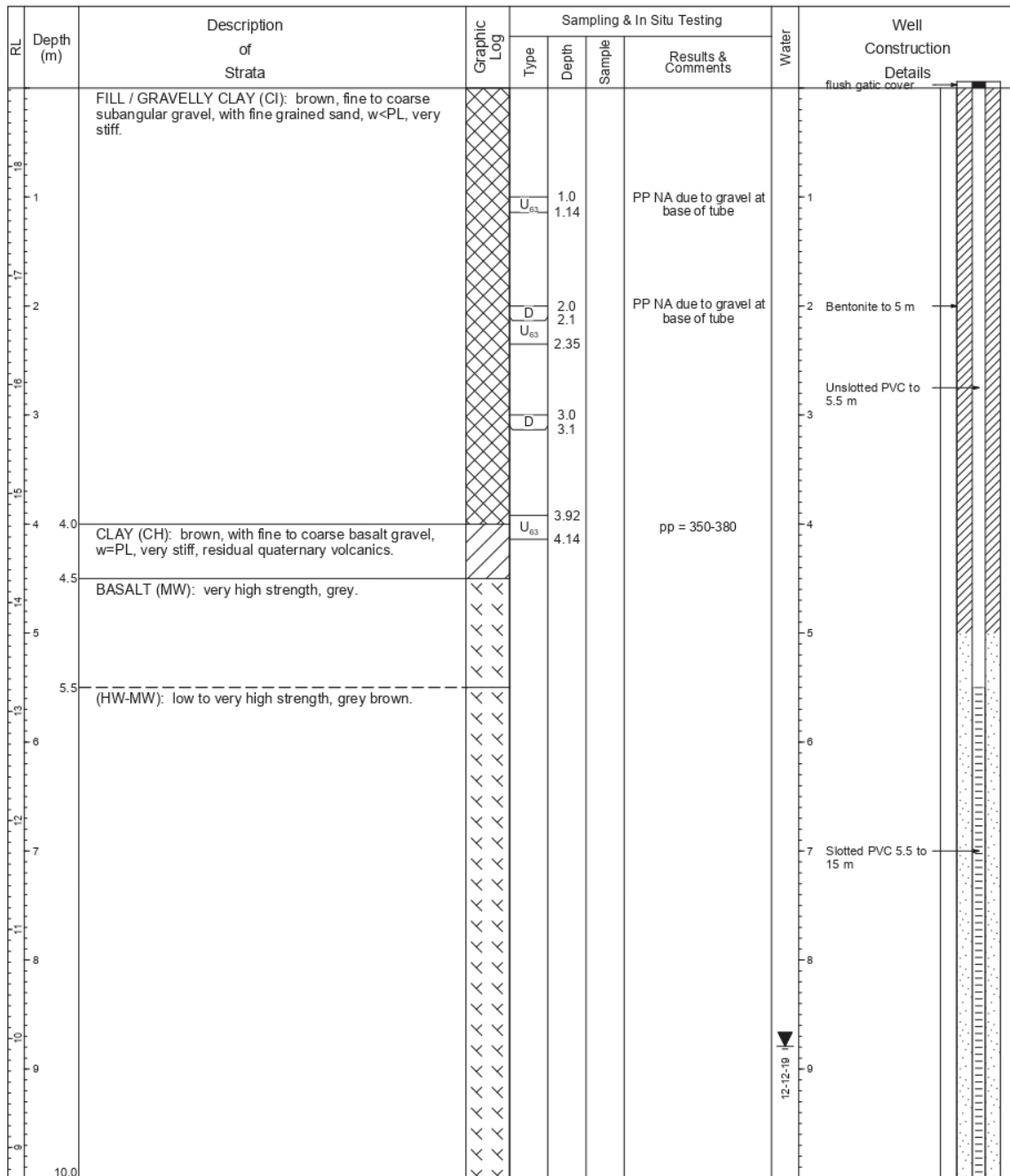
## Attachment 1 - Douglas Partners Report

## BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 18.72 m AHD  
**EASTING:** 326288.17  
**NORTHING:** 5816032.61  
**DIP/AZIMUTH:** 90°/-

**BORE No:** DG 6  
**PROJECT No:** 79075.18  
**DATE:** 28/11/2019  
**SHEET 1 OF 2**



RIG: Fraste Multi-drill ML

DRILLER: Apex Drilling

LOGGED: APM

CASING: NA

TYPE OF BORING: Solid flight auger to 4.5 m; hammer drilling to 15 m.

WATER OBSERVATIONS: Groundwater measured at 8.79 m

REMARKS: Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

## SAMPLING &amp; IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test 1s(50) (MPa)
BLK	Block sample	U	Tube sample (x mm dia.)	PL(D)	Point load diametral test 1s(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	W	Water seep	S	Standard penetration test
E	Environmental sample	W	Water level	V	Shear vane (kPa)



**Douglas Partners**  
 Geotechnics | Environment | Groundwater



**SURFACE LEVEL:** 18.72 m AHD    **BORE No:** DG 6  
**EASTING:** 326288.17    **PROJECT No:** 79075.18  
**NORTHING:** 5816032.61    **DATE:** 28/11/2019  
**DIP/AZIMUTH:** 90°/-    **SHEET 2 OF 2**

**RIG:** Fraste Multi-drill ML      **DRILLER:** Apex Drilling      **LOGGED:** APM      **CASING:** NA  
**TYPE OF BORING:** Solid flight auger to 4.5 m; hammer drilling to 15 m.  
**WATER OBSERVATIONS:** Groundwater measured at 8.79 m  
**REMARKS:** Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

SAMPLING & IN SITU TESTING LEGEND					
A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test (s(50) (MPa)
BLK	Block sample	U	Tube sample (x mm dia.)	PL(D)	Point load diametral test (s(50) (MPa)
C	Core drilling	W	Water sample	pp	poop penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	⚡	Water level	V	Shear vane (kPa)



## Attachment 1 - Douglas Partners Report

## BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 19.26 m AHD  
**EASTING:** 326353.77  
**NORTHING:** 5816053.55  
**DIP/AZIMUTH:** 90°/-

**BORE No:** DG 7  
**PROJECT No:** 79075.18  
**DATE:** 28/11/2019  
**SHEET 1 OF 2**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing			Water	Well Construction Details
				Type	Depth	Sample	Results & Comments	
19.26	0.2	FILL/ SANDY GRAVEL (SP): fine to medium gravel, fine to coarse grained sand, dry, inferred medium dense. / FILL / CLAY (CI): brown and dark grey, trace gravel, w=PL, stiff to very stiff.						flush gatic cover
18.26	1.0	CLAY (CH): brown, trace rounded quartz gravel, w<PL, hard, alluvial.		U <sub>63</sub>	1.0		pp >600	
17.26	1.6	CLAY (CH): brown, w=PL, very stiff, residual quaternary volcanics.		S	1.3		4,6,14 N = 20	
16.26	2.5	BASALT (MW): very high strength, grey brown.			1.6			Bentonite to 5 m
15.26	4.0	(SW): very high strength, grey.			2.05			Unslotted PVC to 5.5 m
14.26	5.0	(MW): very high strength, grey brown.						
13.26	7.0	(HW): low to high strength, brown.						Slotted PVC 5.5 to 13.5 m
12.26	8.5	(MW): very high strength, grey brown.						
11.26	9.5	(SW): very high strength, grey brown.						
10.26								
9.26								
8.26								
7.26								
6.26								
5.26								
4.26								
3.26								
2.26								
1.26								
0.26								

RIG: Fraste Multi-drill ML

DRILLER: Apex Drilling

LOGGED: APM

CASING: NA

TYPE OF BORING: Solid flight auger to 2.5 m; hammer drilling to 15 m.

WATER OBSERVATIONS: Groundwater measured at 9.38 m

REMARKS: Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

## SAMPLING &amp; IN SITU TESTING LEGEND

A Auger sample	G Gas sample	PID Photo ionisation detector (ppm)
B Bulk sample	P Piston sample	PL(A) Point load axial test 1s(50) (MPa)
BLK Block sample	U Tube sample (x mm dia.)	PL(D) Point load diametral test 1s(50) (MPa)
C Core drilling	W Water sample	pp Pocket penetrometer (kPa)
D Disturbed sample	W Water seep	S Standard penetration test
E Environmental sample	W Water level	V Shear vane (kPa)



**Douglas Partners**  
 Geotechnics | Environment | Groundwater

Attachment 1 - Douglas Partners Report

# BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 19.26 m AHD **BORE No:** DG 7  
**EASTING:** 326353.77 **PROJECT No:** 79075.18  
**NORTHING:** 5816053.55 **DATE:** 28/11/2019  
**DIP/AZIMUTH:** 90°/- **SHEET 2 OF 2**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing				Water	Well Construction Details
				Type	Depth	Sample	Results & Comments		
		(SW): very high strength, grey brown. <i>(continued)</i>	✓						
	10.5	BASALT (MW-HW): low to very high strength, grey brown.	✓						
	11		✓						
	12		✓						
	13		✓						
	14		✓						
	15		✓						
	15.0	Bore discontinued at 15.0m	✓						
	16								
	17								
	18								
	19								

**RIG:** Fraste Multi-drill ML

**DRILLER:** Apex Drilling

**LOGGED:** APM

**CASING:** NA

**TYPE OF BORING:** Solid flight auger to 2.5 m; hammer drilling to 15 m.

**WATER OBSERVATIONS:** Groundwater measured at 9.38 m

**REMARKS:** Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

SAMPLING & IN SITU TESTING LEGEND			
A Auger sample	G Gas sample	PID Photo ionisation detector (ppm)	
B Bulk sample	P Piston sample	PL(A) Point load axial test Is(50) (MPa)	
BLK Block sample	U <sub>t</sub> Tube sample (x mm dia.)	PL(D) Point load diametral test Is(50) (MPa)	
C Core drilling	W Water sample	pp Pocket penetrometer (kPa)	
D Disturbed sample	W <sub>s</sub> Water seep	S Standard penetration test	
E Environmental sample	W <sub>l</sub> Water level	V Shear vane (kPa)	



## Attachment 1 - Douglas Partners Report

## BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 10.52 m AHD  
**EASTING:** 326259.85  
**NORTHING:** 5816017.74  
**DIP/AZIMUTH:** 90°/-

**BORE No:** DG 12  
**PROJECT No:** 79075.18  
**DATE:** 3/12/2019  
**SHEET 1 OF 1**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing			Water	Well Construction Details
				Type	Depth	Sample	Results & Comments	
		FILL / CLAY (CI): brown and grey, trace subangular gravel, w>PL, very stiff to hard.						Flush gatic cover
	0.75			U <sub>63</sub>	0.95		pp >600	
	1.5	1.5 m: w>PL, firm.						1 Bentonite to 2 m
	2.0	2 m: becoming yellow brown.		U <sub>63</sub>	2.1		pp = 80-100	Unslotted PVC to 2.5 m
	2.5	CLAY (CL): brown, grey, with fine grained sand, trace rootlets, w>PL, firm (Alluvial).		U <sub>63</sub>	2.5		pp = 70	
	2.95							Sand filter pack 2 to 4.5 m
	4.0	CLAY (CI): pale brown, orange, fissured, w=PL, very stiff, (Residual).		U <sub>63</sub>	4.0		pp = 260-290	Slotted PVC 2.5 to 4.5 m
	4.37							
	5.5	SILTSTONE (HW): very low strength, brown.		S	5.5		20/30 mm double bouncing	Backfill 4.5 to 7 m
	5.53							
	7.0	Bore discontinued at 7.0m						

RIG: Fraste Multi-drill ML

DRILLER: Apex Drilling

LOGGED: APM

CASING: NA

TYPE OF BORING: Solid flight auger to end.

WATER OBSERVATIONS: Groundwater measured at 2.35 m

REMARKS: Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

## SAMPLING &amp; IN SITU TESTING LEGEND

A Auger sample	G Gas sample	PID Photo ionisation detector (ppm)
B Bulk sample	P Piston sample	PL(A) Point load axial test Is(50) (MPa)
BLK Block sample	U Tube sample (x mm dia.)	PL(D) Point load diametral test Is(50) (MPa)
C Core drilling	W Water sample	pp Pocket penetrometer (kPa)
D Disturbed sample	W Water seep	S Standard penetration test
E Environmental sample	W Water level	V Shear vane (kPa)



Attachment 1 - Douglas Partners Report

# BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 9.43 m AHD  
**EASTING:** 326273.84  
**NORTHING:** 5816013.78  
**DIP/AZIMUTH:** 90°/-

**BORE No:** DG 13  
**PROJECT No:** 79075.18  
**DATE:** 3/12/2019  
**SHEET 1 OF 1**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing				Water	Well Construction	
				Type	Depth	Sample	Results & Comments		Details	
	0.2	SILTY SAND (SP): fine grained, brown, moist.							Flush gatic cover	
	0.6	FILL / CLAY (CL): brown, trace subangular gravel, w<PL, very stiff.								
	1.0	CLAY (CI): pale grey brown, w=PL, very stiff, (Residual basalt).								
	1.0	SILTY CLAY (CI): brown, w=PL, very stiff (Alluvial).							1 Unslotted PVC to 2 m	
	2.1	2.1 m: trace fine to coarse basalt gravel.							2 Slotted PVC to 5.4 m	
	2.2	2.2 m: becoming w>PL, firm.								
	2.5	2.5 m: fissured, mottled orange grey brown.							3 Slotted PVC 2 to 4 m	
	3.5	3.5 m: becoming very stiff.								
	4.8	SILT (ML): pale grey, w>PL, very stiff.								
	5.0	SAND (SP): pale grey, firm to medium grained, very dense.							Backfill 4 to 5.4 m	
	5.4	Bore discontinued at 5.4m								
	6									
	7									
	8									
	9									

**RIG:** Hand Auger

**DRILLER:** DP

**LOGGED:** APM

**CASING:** NA

**TYPE OF BORING:** Hand Auger

**WATER OBSERVATIONS:** Groundwater measured at 1.95 m

**REMARKS:** Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

SAMPLING & IN SITU TESTING LEGEND			
A Auger sample	G Gas sample	PID Photo ionisation detector (ppm)	
B Bulk sample	P Piston sample	PL(A) Point load axial test Is(50) (MPa)	
BLK Block sample	U Tube sample (x mm dia.)	PL(D) Point load diametral test Is(50) (MPa)	
C Core drilling	W Water sample	pp Pocket penetrometer (kPa)	
D Disturbed sample	W Water seep	S Standard penetration test	
E Environmental sample	W Water level	V Shear vane (kPa)	





**BORE No:** DG 15  
**PROJECT No:** 79075.18  
**DATE:** 2/12/2019  
**SHEET 1 OF 1**

 **Douglas Partners**  
Geotechnics | Environment | Groundwater

Attachment 1 - Douglas Partners Report

# BOREHOLE LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:** 8.21 m AHD  
**EASTING:** 326366.28  
**NORTHING:** 5816019.38  
**DIP/AZIMUTH:** 90°/-

**BORE No:** DG 16  
**PROJECT No:** 79075.18  
**DATE:** 2/12/2019  
**SHEET 1 OF 1**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing			Water	Well Construction Details
				Type	Depth	Results & Comments		
8.21	0.0	CLAY (CL): brown, w<PL, stiff, (Alluvial).						Flush gatic cover
	0.6	0.5 m: becoming w=PL		U <sub>63</sub>	0.5			
	0.68	CLAY (CH): dark grey, trace subangular basalt gravel, w>PL, stiff; (Residual Quaternary Volcanics).			0.68			
	1.3				1.3			
	1.8			U <sub>63</sub>	1.8	pp = 100-150		
	1.95	CLAY (CI): yellow brown, with fine sand, w>>PL, stiff, (Alluvial).			1.95			
	2.5			U <sub>63</sub>	2.5	pp = 110-130		
	2.95				2.95			
	3.3	BASALT (HW): low to high strength, dark grey and orange brown.						
	4.2							
	4.5	CLAY (CH): grey, w>PL, stiff, possibly residual quaternary volcanics.			4.5			
	4.95	CLAY (CI): grey, trace carbonaceous fragments, w=PL, very stiff (possibly alluvial).		U <sub>63</sub>	4.95	pp = 320-350		
	6.4							
	6.4	SANDSTONE (HW): very low strength, fine grained, grey.						
	7.0	Bore discontinued at 7.0m						

**RIG:** Fraste Multi-drill ML

**DRILLER:** Apex Drilling

**LOGGED:** APM

**CASING:** NA

**TYPE OF BORING:** Solid flight auger to 7 m.

**WATER OBSERVATIONS:** Groundwater measured at 1.42 m

**REMARKS:** Location coordinates are in WGS 84 Zone 55 H. Standpipe installed on completion.

SAMPLING & IN SITU TESTING LEGEND			
A Auger sample	G Gas sample	PID Photo ionisation detector (ppm)	
B Bulk sample	P Piston sample	PL(A) Point load axial test Is(50) (MPa)	
BLK Block sample	U Tube sample (x mm dia.)	PL(D) Point load diametral test Is(50) (MPa)	
C Core drilling	W Water sample	pp Pocket penetrometer (kPa)	
D Disturbed sample	W Water seep	S Standard penetration test	
E Environmental sample	W Water level	V Shear vane (kPa)	




# Attachment 1 - Douglas Partners Report



Photo 1 : DG-7


1.6 – 2.05 m

	SPT PHOTOGRAPHS		Project No. : 79075.18
	Yarrabend Riverfront Area		Plate No: 5
	Client: Alphington Developments Pty Ltd		Date: 2019

## Attachment 1 - Douglas Partners Report



Photo 2 : DG-16 6.95 m

	SAMPLE PHOTOGRAPHS		Project No. : 79075.18
	Yarrabend Riverfront Area		Plate No: 6
	Client: Alphington Developments Pty Ltd		Date: 20209

## Attachment 1 - Douglas Partners Report

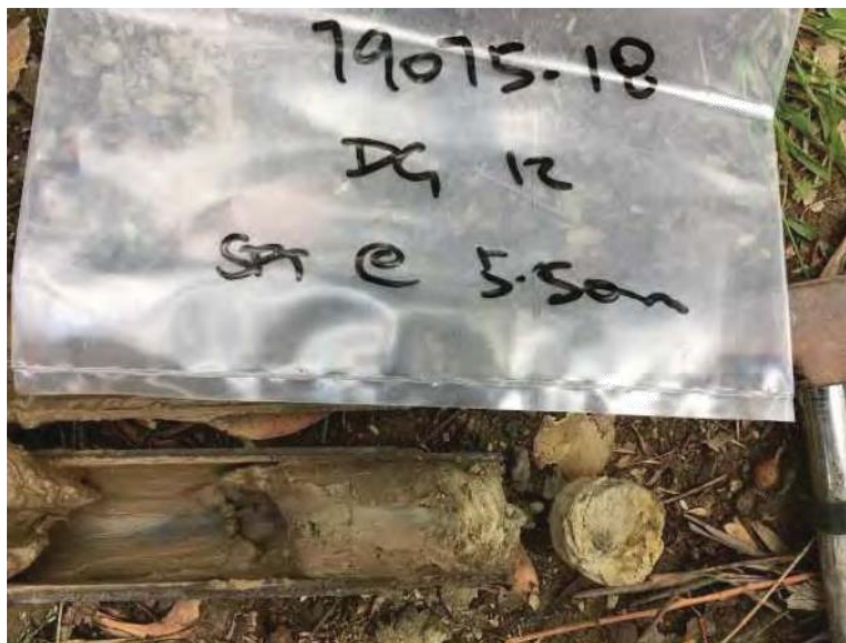


Photo 2 : DG-12      5.5 m

	<b>SPT PHOTOGRAPHS</b>	Project No. : 79075.18
	Yarrabend Riverfront Area	Plate No: 7
	Client: Alphington Developments Pty Ltd	Date: 2020



## Attachment 1 - Douglas Partners Report



Photo 3 : DG-4 1.0 m - 1.45 m



Photo 4 : DG 4 6.3 - 6.34 m

	<b>SPT PHOTOGRAPHS</b>	Project No. : 79075.18
	Yarrabend Riverfront Area	Plate No: 8
	Client: Alphington Developments Pty Ltd	Date: 2020

# Attachment 1 - Douglas Partners Report

## TEST PIT LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:--**  
**EASTING:**  
**NORTHING:**

**PIT No:** TP 1  
**PROJECT No:** 79075.18  
**DATE:** 9/12/2019  
**SHEET 1 OF 1**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing				Water	Dynamic Penetrometer Test (blows per mm)			
				Type	Depth	Sample	Results & Comments		5	10	15	20
	0.05	CLAYEY SILT (ML): grey, w<<PL, stiff.										
		SANDY CLAY (ci): brown, w<PL, fine to coarse subrounded sand, very stiff.										
	0.4	0.4 m: becoming w=PL.					pp >600					
	0.7	SAND (Sm): brown, fine to medium, subrounded, moist, inferred medium dense, with iron cemented nodules throughout, with clay.		U <sub>63</sub>								
					0.9							
					1.0							
				B	1.2							
	1.7	BASALT (HW-MW): very high strength, grey.										
	1.75	Pit discontinued at 1.75m										
	2											

**RIG:** 5T Backhoe

**LOGGED:** APM

**SURVEY DATUM:** WGS 84 Zone 55 H

**WATER OBSERVATIONS:** No free groundwater observed

**REMARKS:**

- ☐ Sand Penetrometer AS1289.6.3.3  
☐ Cone Penetrometer AS1289.6.3.2

SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	G	Gas sample
B	Bulk sample	P	Piston sample
BLK	Block sample	U <sub>i</sub>	Tube sample (x mm dia.)
C	Core drilling	W	Water sample
D	Disturbed sample	W <sub>s</sub>	Water seep
E	Environmental sample	W <sub>l</sub>	Water level
		PID	Photo ionisation detector (ppm)
		PL(A)	Point load axial test 1s(50) (MPa)
		PL(D)	Point load diametral test 1s(50) (MPa)
		pp	Pocket penetrometer (kPa)
		S	Standard penetration test
		V	Shear vane (kPa)



**PIT No:** TP 2  
**PROJECT No:** 79075.18  
**DATE:** 9/12/2019  
**SHEET 1 OF 1**


**Douglas Partners**  
 Geotechnics | Environment | Groundwater

# Attachment 1 - Douglas Partners Report

## TEST PIT LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:--**  
**EASTING:**  
**NORTHING:**

**PIT No:** TP 3  
**PROJECT No:** 79075.18  
**DATE:** 9/12/2019  
**SHEET 1 OF 1**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing				Water	Dynamic Penetrometer Test (blows per mm)			
				Type	Depth	Sample	Results & Comments		5	10	15	20
		SAND (SM): fine to medium grained, brown, with clay, dry, inferred dense.										
	0.5	SANDY CLAY (CI): brown, moist, w=PL, very stiff to dense, fine to coarse sand (irregular mixture of sand and clay, with iron cemented lenses throughout.										
					0.7							
				B								
					0.9							
	1											
	1.5	BASALT (HW-MW): very high strength, grey.										
	1.6	Pit discontinued at 1.6m										
	2											

**RIG:** 5T Backhoe

**LOGGED:** APM

**SURVEY DATUM:** WGS 84 Zone 55 H

**WATER OBSERVATIONS:** No free groundwater observed

**REMARKS:**

- ☐ Sand Penetrometer AS1289.6.3.3  
☐ Cone Penetrometer AS1289.6.3.2

SAMPLING & IN SITU TESTING LEGEND			
A Auger sample	G Gas sample	PID Photo ionisation detector (ppm)	
B Bulk sample	P Piston sample	PL(A) Point load axial test Is(50) (MPa)	
BLK Block sample	U Tube sample (x mm dia.)	PL(D) Point load diametral test Is(50) (MPa)	
C Core drilling	W Water sample	pp Pocket penetrometer (kPa)	
D Disturbed sample	W Water seep	S Standard penetration test	
E Environmental sample	W Water level	V Shear vane (kPa)	



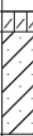
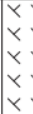
## Attachment 1 - Douglas Partners Report

## TEST PIT LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:--**  
**EASTING:**  
**NORTHING:**

**PIT No:** TP 4  
**PROJECT No:** 79075.18  
**DATE:** 9/12/2019  
**SHEET 1 OF 1**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing				Water	Dynamic Penetrometer Test (blows per mm)			
				Type	Depth	Sample	Results & Comments		5	10	15	20
	0.05	CLAYEY SILT (ML): grey, w<<PL, stiff.			0.05							
		SANDY CLAY (CI): fine to coarse, subrounded sand, brown, iron stained.			0.1							
				U <sub>63</sub>								
	0.3	BASALT (HW-MW): very high strength, grey.			0.25							
		0.3 m - 0.6 m: undulating basalt.			0.3							
	0.6	Pit discontinued at 0.6m Addl pit approx 10 to SE; basalt encountered approx 0.2 m.										
	1											
	2											

RIG: 5T Backhoe

LOGGED: APM

SURVEY DATUM: WGS 84 Zone 55 H

WATER OBSERVATIONS: No free groundwater observed

REMARKS:

- ☐ Sand Penetrometer AS1289.6.3.3  
☐ Cone Penetrometer AS1289.6.3.2

SAMPLING & IN SITU TESTING LEGEND			
A Auger sample	G Gas sample	PID Photo ionisation detector (ppm)	
B Bulk sample	P Piston sample	PL(A) Point load axial test Is(50) (MPa)	
BLK Block sample	U <sub>63</sub> Tube sample (x mm dia.)	PL(D) Point load diametral test Is(50) (MPa)	
C Core drilling	W Water sample	pp Pocket penetrometer (kPa)	
D Disturbed sample	W Water seep	S Standard penetration test	
E Environmental sample	W Water level	V Shear vane (kPa)	

 **Douglas Partners**  
 Geotechnics | Environment | Groundwater







## Attachment 1 - Douglas Partners Report

## TEST PIT LOG

**CLIENT:** Alphington Developments Pty Ltd  
**PROJECT:** Groundwater Monitoring  
**LOCATION:** Heidelberg Road, Alphington

**SURFACE LEVEL:--**  
**EASTING:**  
**NORTHING:**

**PIT No:** TP 5  
**PROJECT No:** 79075.18  
**DATE:** 9/12/2019  
**SHEET 1 OF 1**

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing				Water	Dynamic Penetrometer Test (blows per mm)			
				Type	Depth	Sample	Results & Comments		5	10	15	20
		FILL / CLAY (CI): brown, trace fine to medium sand, trace gravel, w<PL, hard.			0.2		pp = 320-510					
		0.3 m: becoming w=PL, very stiff to stiff.			0.3		pp = 210-220					
		0.7 m: w>PL, firm.		U		63						
					0.8		pp = 50-60					
					0.95							
1	1.1	FILL / GRAVELLY CLAY (CI): dark brown, fine to coarse subangular gravel, w>>PL, soft to firm.										
	1.9											
2	2.6	CLAY (CI): brown, with orange, iron stained, with fine grained sand, w>>PL, soft to firm.										
	2.7											
	2.6	BASALT (HW-MW): very high strength, grey.										
	2.7	Pit discontinued at 2.7m										

RIG: 5T Backhoe

LOGGED: APM

SURVEY DATUM: WGS 84 Zone 55 H

WATER OBSERVATIONS: No free groundwater observed

REMARKS:

- ☐ Sand Penetrometer AS1289.6.3.3  
☐ Cone Penetrometer AS1289.6.3.2


SAMPLING & IN SITU TESTING LEGEND			
A Auger sample	G Gas sample	PID Photo ionisation detector (ppm)	
B Bulk sample	P Piston sample	PL(A) Point load axial test 1s(50) (MPa)	
BLK Block sample	U <sub>1</sub> Tube sample (x mm dia.)	PL(D) Point load diametral test 1s(50) (MPa)	
C Core drilling	W Water sample	pp Pocket penetrometer (kPa)	
D Disturbed sample	W <sub>seep</sub> Water seep	S Standard penetration test	
E Environmental sample	W <sub>level</sub> Water level	V Shear vane (kPa)	

 **Douglas Partners**  
 Geotechnics | Environment | Groundwater

# Attachment 1 - Douglas Partners Report




Test Pit - TP 1

	<b>TEST PIT PHOTOGRAPHS</b>	Project No. : 79075.18
	Yarrabend Riverfront Area	Plate No: 1
	Client: Alphington Developments Pty Ltd	Date: 2019

# Attachment 1 - Douglas Partners Report



Photo 2 : Test Pit TP2

	<b>SAMPLE PHOTOGRAPHS</b>	Project No. : 79075.18
	Yarrabend Riverfront Area	Plate No: 2
	Client: Alphington Developments Pty Ltd	Date: 20209




## Attachment 1 - Douglas Partners Report



Photo 3 : Test Pit TP3




Photo 4 - Test Pit TP4

	<b>TEST PIT PHOTOGRAPHS</b>	Project No. : 79075.18
	Yarrabend Riverfront Area	Plate No: 3
	Client: Alphington Developments Pty Ltd	Date: 2020

# Attachment 1 - Douglas Partners Report



Photo 5 : Test Pit TP5

	TEST PIT PHOTOGRAPHS		Project No. : 79075.18
	Yarrabend Riverfront Area		Plate No: 4
	Client: Alphington Developments Pty Ltd	Date: February 2020	



## Attachment 1 - Douglas Partners Report

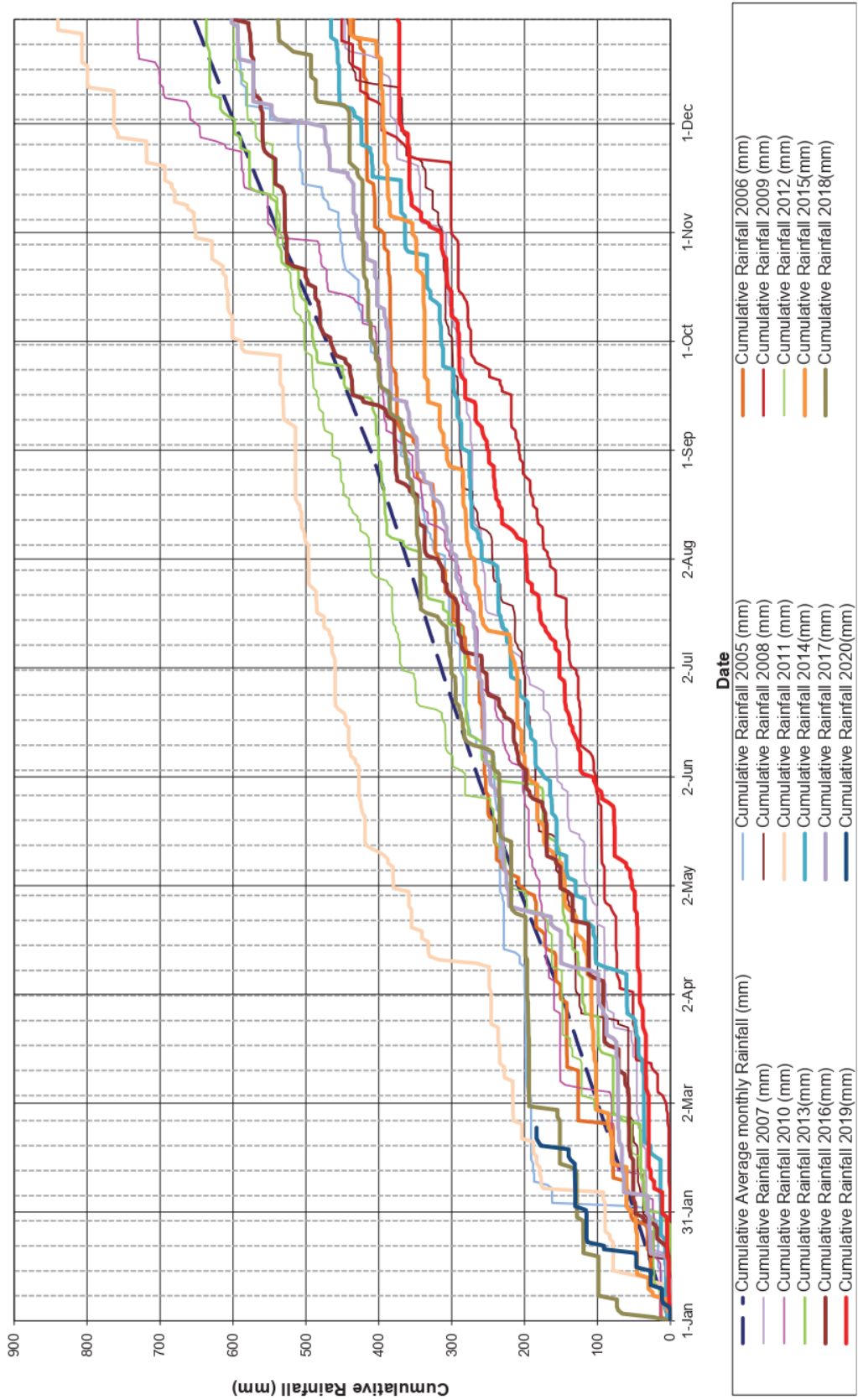
---

### Appendix D

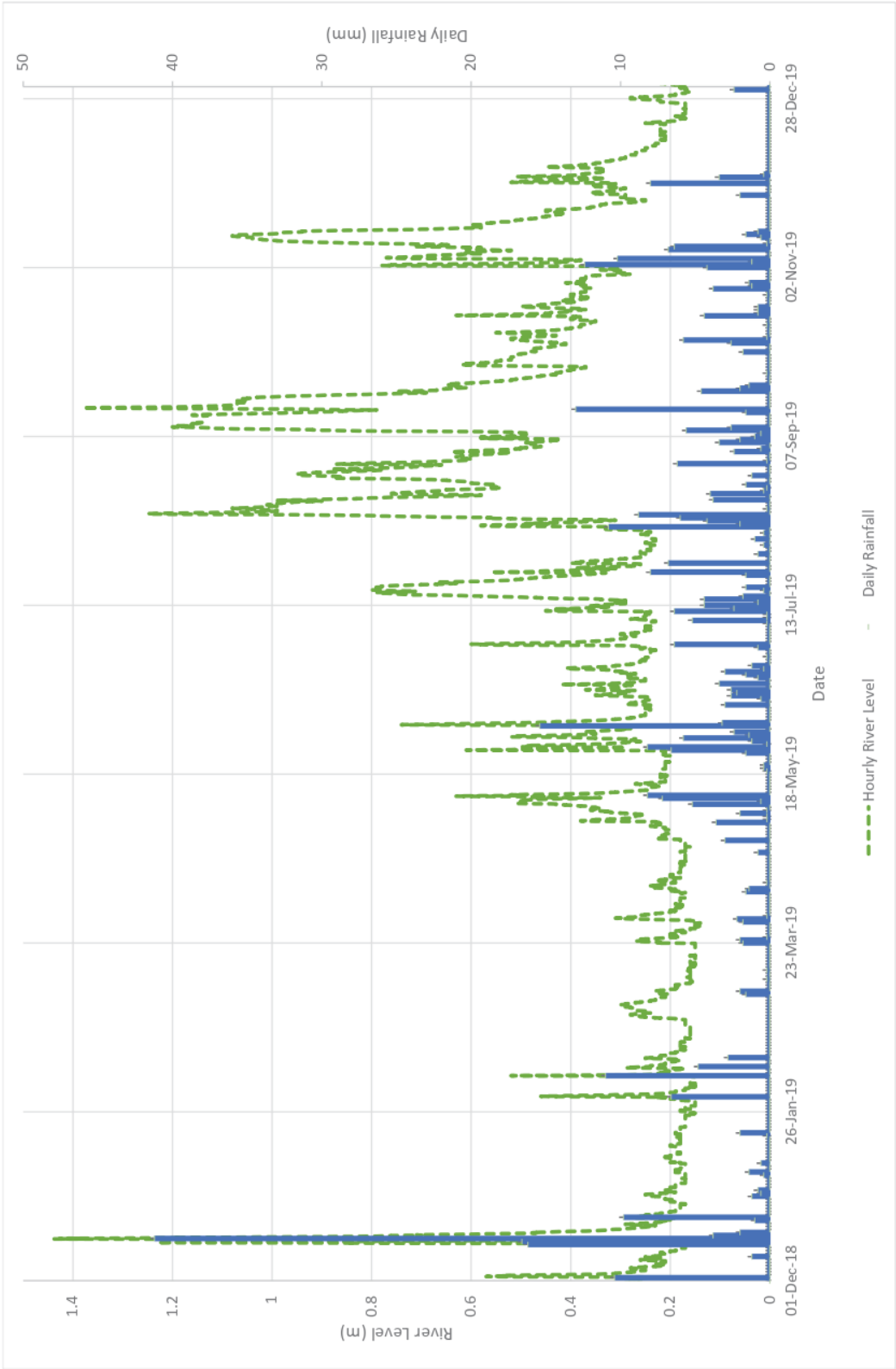
---

Rainfall, River Level and Wind Data

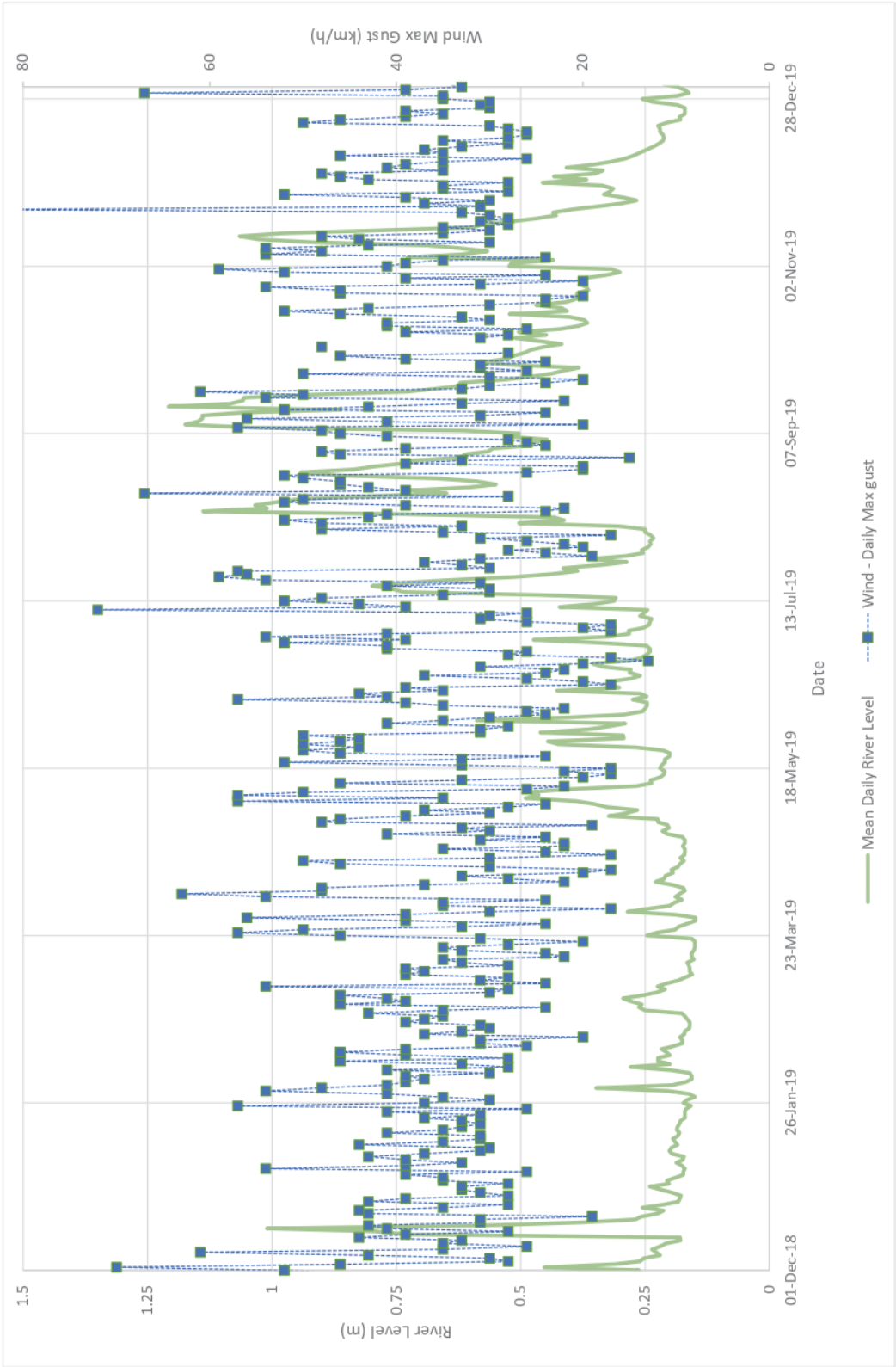
Attachment 1 - Douglas Partners Report



Attachment 1 - Douglas Partners Report

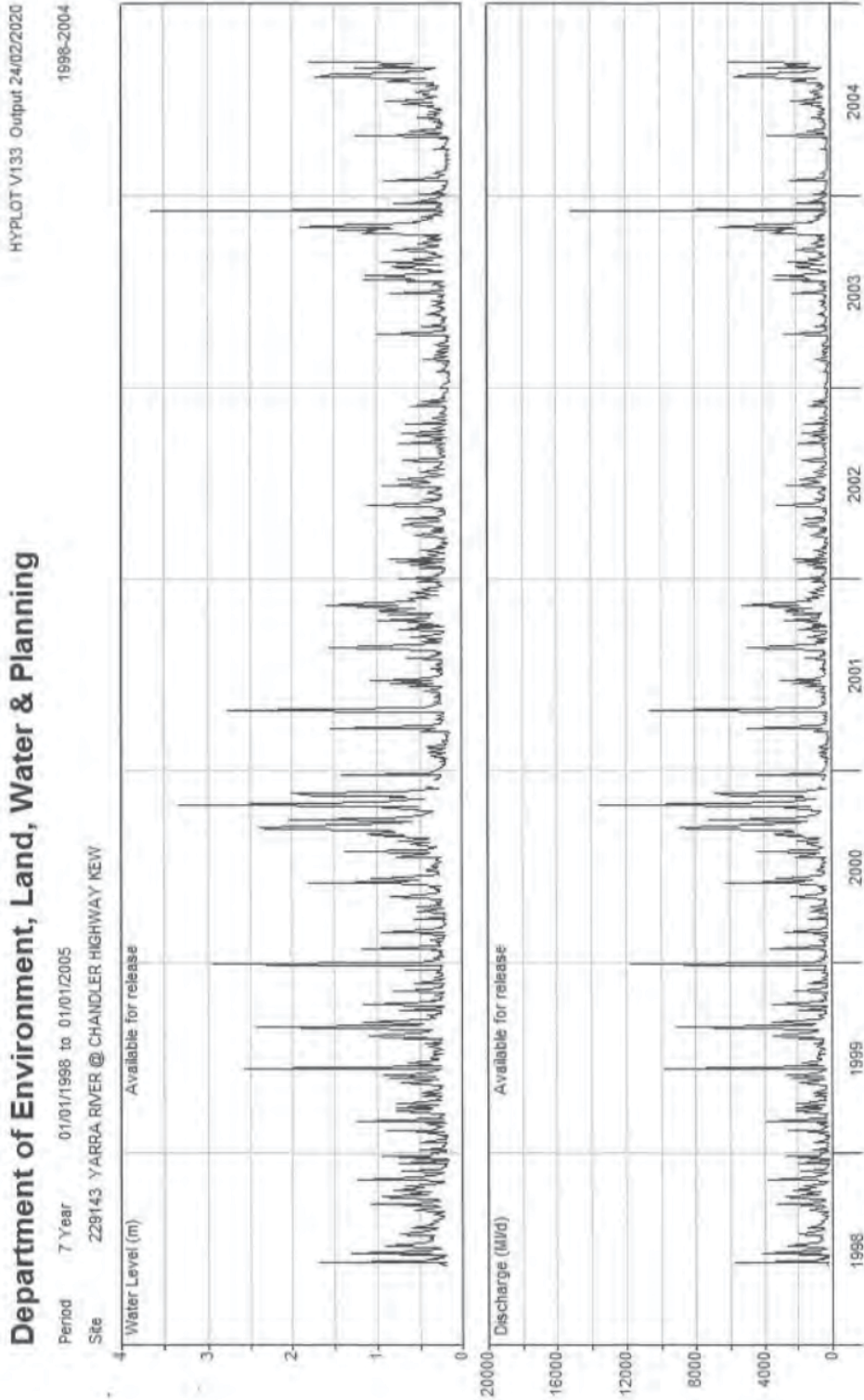


Attachment 1 - Douglas Partners Report



Attachment 1 - Douglas Partners Report

2/26/2020





## Attachment 2 - Alluvium Peer review

### Memo

<b>Subject</b>	Douglas Partners Groundwater report
<b>Date</b>	26 March 2020
<b>Client</b>	City of Yarra
<b>Project</b>	Yarra River Tree Collapse Project – Yarrabend project

## 1 Introduction

The City of Yarra has engaged the Alluvium Group (Alluvium) to investigate recent tree collapse and bank slumping events on the Yarra River adjacent to the former Amcor paper mill site in Fairfield. The subject site adjoins the right bank of the Yarra River and is the subject of an urban renewal / development project by Glenvill.

Alluvium convened an expert panel to review the issues associated with the bank slump and tree collapse. Alluvium submitted interim investigation reports arising from our review of the issues.

City of Yarra has subsequently engaged Alluvium to provide ongoing technical assistance and review of investigations recommended in the interim report.

The purpose of this memo is to provide comments on a geotechnical investigation and groundwater study for the subject site, undertaken by Douglas Partners Report (Project 79075.12 R.012. Rev 0 12 March 2020), commissioned by Alphington Developments Pty Ltd at the request of the City of Yarra.

The memo has been based on a review of the geotechnical investigation and groundwater study by Ross Hardie from Alluvium and Dr Jon Fawcett from CDM Smith. The findings of Dr Fawcett have been incorporated into this summary memo and are provided in full as an attachment to this memo.

## 2 Background

The Yarrabend development site adjoins the Yarra River at Alphington. The Yarra River adjacent to the development has been subject to recent river-bank slumping and tree collapse.

Alluvium (2029) previously reported that the recent bank collapse at the site is out of character with the site and most likely a result of water logging of the lower terrace adjacent to the Yarra River. Alluvium were of the opinion that such water logging was most likely associated with changes to surface water management at the Yarrabend site. Alluvium were of the opinion the development activities had resulted in an increase in the surface water infiltration and that it was this infiltration that has led to an increase in groundwater levels.

At the time of preparing that report there were also suggestions by others that the rise in groundwaters at the site may be the result of the decommissioning of an old sewer main at the site. The decommissioning of the sewer main is understood to have occurred in two stages with the most relevant stage occurring in 2015 (circa). The decommissioning comprised the grouting of the old sewer main. It was hypothesised that prior to such grouting, the sewer main was 'leaky' and rather than allowing sewerage to leak out of the pipe, allowed groundwater to leak into the pipe. Such 'leakage' of groundwater into the pipe had the potential to lower adjoining groundwater. It was hypothesised that the grouting of the sewer main prevented such groundwater from being drained and has resulted in a raising of groundwater levels. It is understood that Melbourne Water, responsible for the subject sewer main has dismissed this hypothesis.

P0519043.20\_Yarra\_River\_Tree\_Collapse\_Review\_Comments\_SEMP

## Attachment 2 - Alluvium Peer review

### 3 Understanding of report approach and findings

The investigations by Douglas Partners reported in the documentation provided to Alluvium has comprised an analysis of groundwater data. The data have comprised groundwater levels from historic, existing and recently installed groundwater monitoring bores.

#### 3.1 Factual (data based) findings

The report has provided factual information on the soil conditions at the site and reported on the results of recent groundwater monitoring data.

#### 3.2 Qualitative interpretations and findings

This soils, geology and groundwater data and other site information has been used by Douglas Partners to provide qualitative statements on the possible causes of the recent bank slumps and tree collapse at the site.

Douglas Partners have identified three potential factors that have contributed to the bank collapse

1. The steep 2 to 3metre high river banks
2. Variations in river water level, and
3. Increases in upgradient groundwater conditions.

Douglas Partners report that;

- The escarpment between the lower terrace and the upper terrace is stable
- There has been no significant change to groundwater conditions on the lower terrace west of Latrobe Ave and that the river banks in this section are at low risk of collapse
- Groundwater levels in the lower terrace, east of Latrobe Ave are a probable contributing factor to slump activity

Douglas Partners report that the data does not provide conclusive evidence on the cause of any elevated groundwater levels

However, Douglas Partners suggest that

- slumping in this reach of river is not unusual, and
- waterlogging of the lower terrace is consistent with the soils encountered at the site

Douglas partners propose ongoing monitoring of the site including groundwater levels and geotechnical investigations of river bank stability.

### 4 Alluvium commentary

#### 4.1 Alluvium interpretation of data

Alluvium is association with CDM Smith have reviewed the report and the data provided. From our review of the data we are of the opinion that

- The decommissioned sewer main does not appear to have completely drained the groundwater (refer Figure 4 from CDM Smith attached). While the sewer main may have had some influence on groundwater levels, it does not appear to have been a dominant factor in groundwater levels

## Attachment 2 - Alluvium Peer review

- There was a substantial increase in GW on the upper terrace from around 2015/ 16. This is likely to have had an influence of groundwater levels in the lower terrace
- The increase in ground water levels from around 2015/ 16, beneath the upper terrace coincides with both the decommissioning of the sewer main and the commencement of changes to the surface drainage at the site. However, the increase in groundwater levels occurred in areas which were unlikely to be affected by the decommissioning of the sewer main. This suggests that factors other than the decommissioning of the sewer main have contributed to the increase in groundwater levels
- The increase in ground water levels is consistent with increased local infiltration. However, there is insufficient data to identify infiltration as the dominant cause

### 4.2 Alluvium commentary on report contents

We concur with Douglas Partners that the steep river bank and the rise and fall river water level may be contributing factors to the bank slumps. However, these factors have been present for many hundred years and do not explain the recent increase in occurrence and rate of slumps and tree collapse. We consider these as factors that contribute to a predisposition to slumps and tree loss.

The comments by Douglas Partners that the water logging on the lower terrace and bank slumps are consistent with this reach of river are not supported by community observations and that of the Alluvium team.

We remain of the opinion that the recent bank slumping and tree collapse have been triggered by water logging of the lower terrace adjacent to the Yarra River. Further we remain of the opinion that the water logging of the lower terrace is most likely as a result of changes in groundwater levels within the Yarrabend site. The most likely cause of this change is a change to the site infiltration. However, the decommissioning of the sewer main cannot be completely dismissed.

We agree with Douglas Partners recommendations for further action (Section 8.4). However, we are also of the opinion that these recommendations alone will not be sufficient to identify the cause of the issues and therefore provide direction on the most appropriate remedial action.

## 5 Next steps

The analysis and reporting by Douglas Partners is qualitative and not conclusive. The monitoring and investigations proposed by Douglas Partners are unlikely to significantly advance the understanding of the cause of the elevated groundwater at the site within an acceptable timeframe.

A set of investigations are set out below that should be undertaken in addition to that proposed by Douglas Partners. These investigations will provide multiple lines of evidence that will assist to identify the cause of elevated groundwater. The investigations can be undertaken without significant delay and contribute to the development of the most appropriate remediation measures for the site.

1. Additional bore to replace GW 15 and GW 24. We propose that an additional up gradient groundwater monitoring bore be installed. This bore would be used to identify whether there is any mounding of groundwater associated with site based infiltration.
1. Groundwater modelling and analysis: We propose that the groundwater processes at the site be assessed via modelling. The purpose of the modelling would be to
  - Estimate groundwater flux (flow rate) to the riverbank slumps in order to assess how long groundwater discharge may persist
  - Undertake groundwater recharge and mounding calculation to determine the relative influence of the decommissioned sewer and site sourced recharge to the development of the elevated groundwater levels.

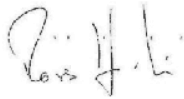
C:\Users\fakhourf\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\OFN7RSS5\Alluvium peer review report 27 March 2020.docx

## Attachment 2 - Alluvium Peer review

- Identify how effective draining of the subsurface will be in reducing soil moisture and drawing down the groundwater mound.
- 2. Data collection: We propose data collection to inform and calibrate the groundwater modelling. This data collection should include:
  - Monitoring data from existing bores and the replacement monitoring bore for GW15 / GW24
  - Slug test on bores
  - Flow rate monitoring from the temporary agricultural (ag) drain
- 3. GW chemistry: We propose relatively simple groundwater chemistry analysis to identify the age and origin of the elevated groundwater at the site. The analysis would assist to identify whether the elevated groundwater at the site is consistent with the composition of regional groundwater or more recent rainfall (and local infiltration). If the elevated groundwater has a similar composition to the regional groundwater it would be less likely to have originated from local rainfall and infiltration.

I trust that the response is in accordance with your expectations and will await any further instructions.

Sincerely



Ross Hardie | Alluvium Consulting Australia  
M 0420 360 845  
E [ross.hardie@alluvium.com.au](mailto:ross.hardie@alluvium.com.au)

## **Attachment 3 - Yarra Bend Ground Water Management Plan**

Former AMCOR Papermill Site

### ***Groundwater Management Plan – Amcor Site Yarra Riverfront***

---

*Prepared by Alphington Developments Pty Ltd (Glenvill)*

*DRAFT dated 14 April 2020*



## Attachment 3 - Yarra Bend Ground Water Management Plan

### Contents

Executive Summary.....	3
Management Plan.....	4
Section 1: Purpose .....	5
Section 2: Background .....	6
Section 3: Development Plan Outcome.....	7
Section 4: Current Observations & Impacts.....	10
Section 5: Stormwater Management – Construction Phase.....	10
Section 6: Monitoring Program.....	11
APPENDIX.....	13

## **Attachment 3 - Yarra Bend Ground Water Management Plan**

### [Executive Summary](#)

This Groundwater Management Plan (Plan) is provided in response to recent tree collapse and bank slumping events on the edge of the AMCOR site in Alphington.

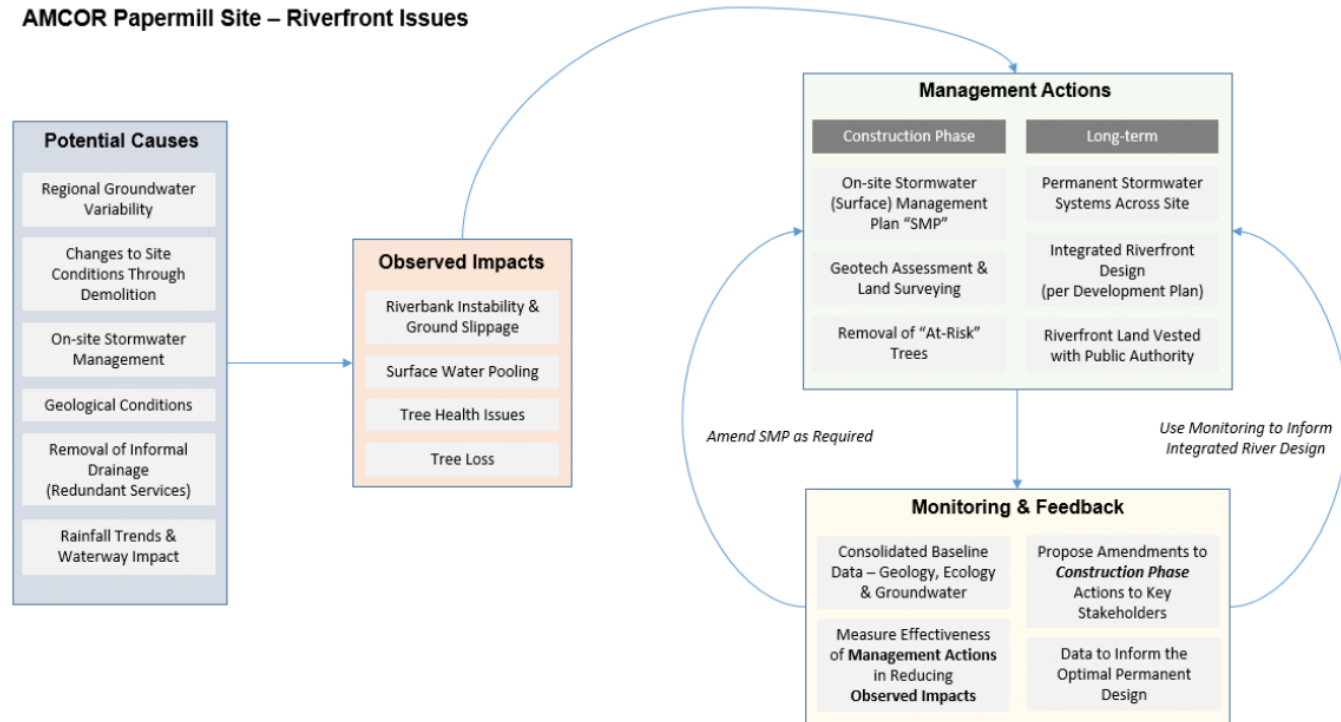
The Plan provides a background and overview of the key issues and provides a focus on the baseline data and an ongoing monitoring regime to be implemented.

The focus on the Plan is a multi-discipline response by Glenvill to report on the issues to the various government and community stakeholders.

## Attachment 3 - Yarra Bend Ground Water Management Plan

### Management Plan Overview – Framework

#### AMCOR Papermill Site – Riverfront Issues



## Attachment 3 - Yarra Bend Ground Water Management Plan

### Section 1: Purpose

This Groundwater Management Plan ("Plan") has been prepared in response to tree loss, bank slumping and groundwater seepage issues along the Yarra River frontage of the Former AMCOR Papermill ("AMCOR") site.

The purpose of this Plan is to set out a considered approach to the management of the AMCOR river edge that covers the following:

1. Assessment of the existing stability of the riverbank and factors contributing to observed deterioration;
2. A series of "Management Actions" comprising practical, temporary steps to mitigate further deterioration of river bank before a permanent public reserve is designed, approved and vested with a public authority; and
3. A plan to monitor the riverbank and broader AMCOR site to measure the effectiveness of Management Actions throughout construction and identify if additional measures are required to reduce further short-term deterioration.

This Plan is supported by various documents included within the Appendix.

## Attachment 3 - Yarra Bend Ground Water Management Plan

### Section 2: Background

#### Previous Uses

The AMCOR site was first established as a paper making facility in 1918 and was progressively developed & operated until the facility's closure in 2012. Prior to the paper making facility the site existed as a homestead & farm property commonly known as "Woodlands Estate".

According to heritage consultant Lovell Chen "the riverside landscape is an area where significant change has occurred through the entire period of mill occupation. This is evidenced through historic aerial photographs indicating major landscaping works to the embankment." (Former Amcor Mill, Conservation Management Plan, Aug 2015)

Various Geotechnical investigations on the AMCOR site identify significant uncontrolled fill across the site in connection with past industrial activities. The depth of uncontrolled fill is relatively shallow at the north towards Heidelberg Road (approximately <1m deep) and is deepest towards the south at the river/crest line interface where depths range between 4-6m. More recent remediation and development activity has altered the status of the uncontrolled fill at the site and large areas are now occupied by new development or are under construction.

The use of the site as a papermill had a close connection with the Yarra River and the production processes utilised river water for a series of cooling processes. As part of the site operations an expansive network of private services existed below the site surface. These services have been removed from the site in the process of developing the land into a residential community.

#### Development Activities Since Acquisition

Following acquisition by Glenvill in 2013, the following is a brief chronology of key demolition and development activities completed to date:

- *Staged Demolition & Remediation 2013 – 2017*
- *Decommission of existing services and upgrade of main trunk infrastructure 2015-2017*
- *Civil Infrastructure 2015-ongoing*
- *House & Land precinct – completed*
- *Stages under construction – various stages & ongoing*
- *decommissioning of redundant Melbourne Water sewer (by others)*

#### Observed Events

The following are notable observed events on the riverfront area within the site over recent period:

- *tree loss events at two separate locations*
- *slumping observed on the east section associated lower terrace saturation/groundwater seepage*



## Attachment 3 - Yarra Bend Ground Water Management Plan

### Section 3: Development Plan Outcome

#### Development Plan Requirements

The Alphington Paper Mill Development Plan ("Development Plan") was approved by the City of Yarra ("Council") in May 2016 and sets out guidelines for the development of the AMCOR site. The Development Plan is in accordance with the requirements of the Development Plan Overlay (DPO 11) within the City of Yarra Planning Scheme.

Section 4 of the Development Plan sets out the vision and concept for the future "River Park" outcome to be delivered as part of the vision for the Masterplan. The River Park concept is outlined as follows:

*"The 30 metre wide corridor along the Yarra River will become public open space and be known as "River Park". The landscape is intended to both reinforce biodiversity whilst providing a softening of any visual impact of the proposed buildings, which will be set back 10m from the 30m P.O.S. zone. The intent is a riparian interface between the Yarra River and the proposed residential precinct. River Park, as public open space will be a refuge from the built environment with indigenous vegetation to support wildlife. It will reflect on layers of history; adapting existing industrial infrastructure for water access and former terracing for access paths."*

The design will include:

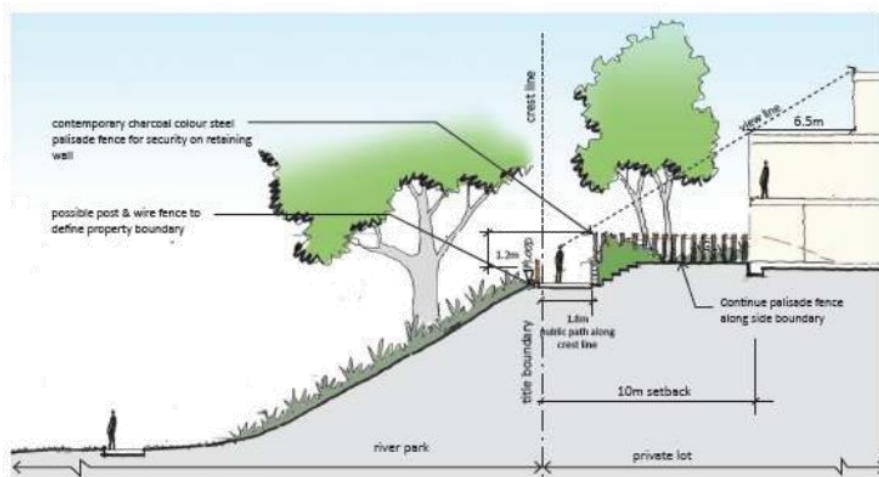
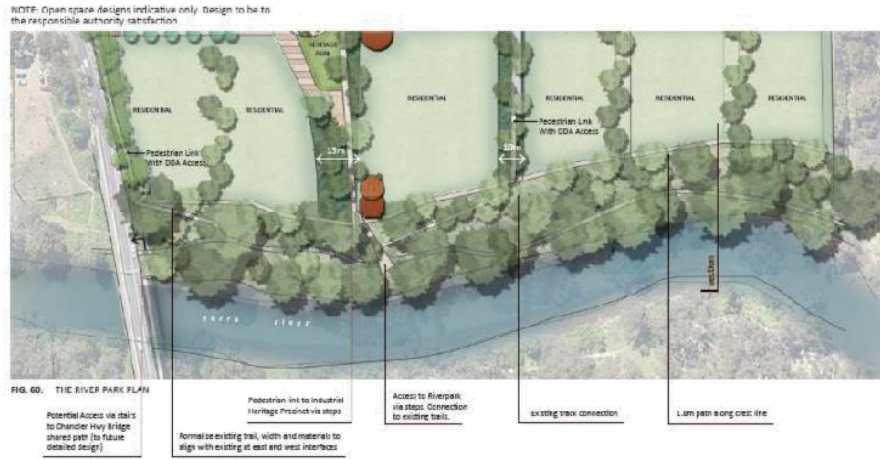
- Public access for pedestrians and cyclists to the river, as well as constructing, trails along the river-frontage consistent in materials and width as those existing, which currently connects to pedestrian and cycle networks along the river to the surrounding neighbourhood.
- Access from the top of the bank to the river's edge via modest stairs and ramped paths at grades suitable for the disabled.
- Appropriate vegetated buffer at residential interface to minimise the visual impact of the proposed built form.
- Species for biodiversity would be selected from the D.S.E EVC No56 "Floodplain Riparian Woodland"
- Retention of all healthy Eucalypt as well as significant pre settlement vegetation including remnant indigenous River Red Gums.
- Rehabilitation of the riverbank vegetation including removal of weeds and nominated trees, erosion control, planting of native species and ongoing vegetation management and maintenance.

Other possible features include:

- Cultural Heritage references of the former residential homestead to form part of the river park interpretation.

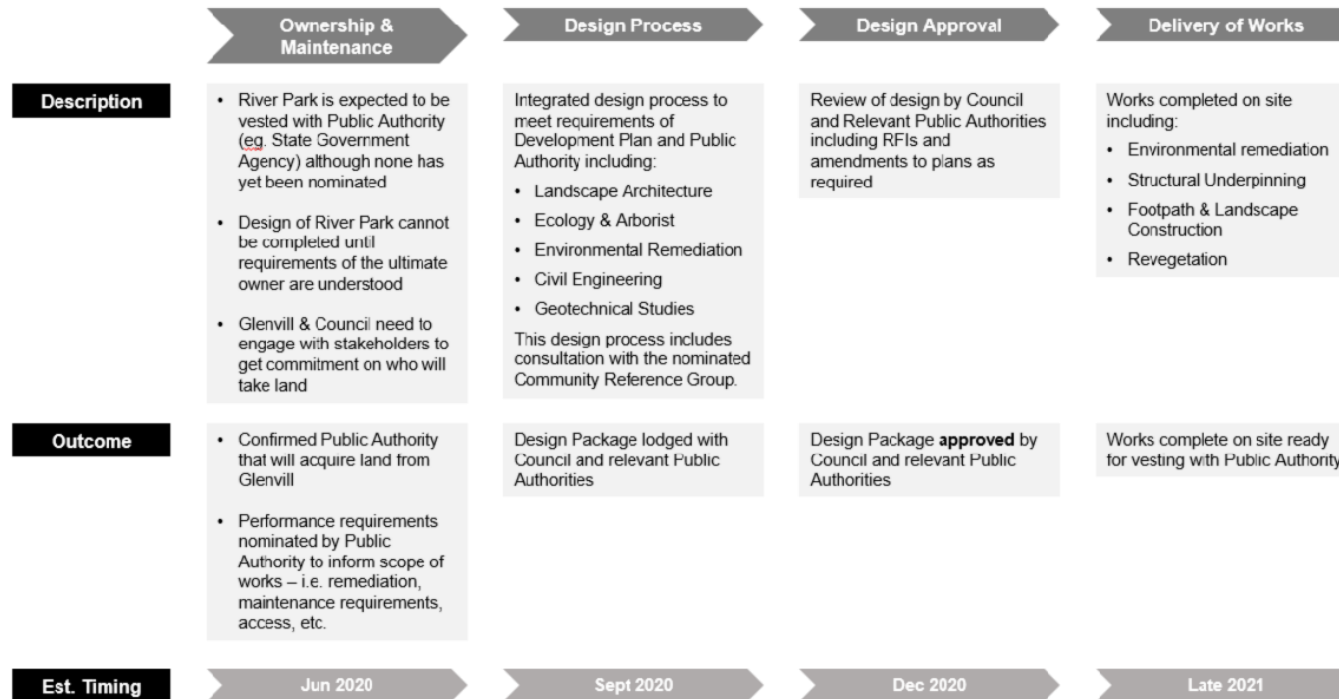
# Attachment 3 - Yarra Bend Ground Water Management Plan

The following Figures 60 & 61 are extracted from the approved Development Plan:



## Attachment 3 - Yarra Bend Ground Water Management Plan

### Timeline & Process for “River Park” Delivery



\* Note dates are subject to stakeholder approvals however some steps may overlap - i.e. remediation works may commence ahead of final design approval.

## Attachment 3 - Yarra Bend Ground Water Management Plan

### Section 4: Current Observations & Baseline Data

#### Consultants Observations

In response to City of Yarra's independent consultants (Alluvium) recommendation for a monitoring regime (**Appendix A**), Glenvill has engaged consultants to undertake a scope of works for a baseline data recording to inform an ongoing monitoring regime (See Section 6):

#### Baseline Survey & Data

1. **Groundwater** – Douglas Partners report on Geotechnical Investigations and Groundwater Study Yarra Bend: Riverfront Area Heidelberg Road, Alphington, 12 March 2020 (Appendix B)
2. **Land Survey** – Levels and Features Survey Plan by Reeds Consulting, 26 Feb 2020. (Appendix C)
3. **Vegetation** – Glenvill have engaged a Tree Survey report by Tree Logic on 12 March 2020 with field activities commencing on 3<sup>rd</sup> April 2020 and a final report anticipated by 17 April 2020. We note that the vegetation survey whilst desirable is not critical for commencing the ongoing monitoring regime prescribed.

The above documents are to be used as the framework for assessment of the ongoing monitoring regime in Section 6.

### Section 5: Stormwater Management – Construction Phase

Glenvill has developed a site wide SEMP (Appendix D) for the construction phase of the project. In response to site wide stormwater management, a range of strategies were implemented onsite, including;

- Infilling of redundant sedimentation ponds
- Infilling of bunded area adjacent the Chandler Highway works
- Installation of swale/agi drain at the top of bank adjacent the House and Land precinct
- Holistic approach to assessment of the EPA stormwater compliance within each stage of construction by the respective building contractors
- Agreement for lining of a new sedimentation pond in the south west corner with design agreed as "Juttematte" (install scheduled for 6<sup>th</sup> April 2020)
- Installation of lower terrace ago drains in the saturated areas on the east side of the riverfront, noting that minimal works are necessary to ensure no further ground disturbance than necessary

The SEMP has been submitted and is to be approved by City of Yarra.

## Attachment 3 - Yarra Bend Ground Water Management Plan

### Section 6: Monitoring Program

Following the results of the baseline data in Section 4, Glenwill have engaged Douglas Partners and Reeds Consulting to undertake an ongoing monitoring regime in accordance with Alluvium's recommendations. The below is a summary of the key monitoring deliverable for each consultant's scope of works and the timeframes for each event;

#### Visual Monitoring Scope – Douglas Partners

Visual inspection Monitoring event to include:

- Inspection and photographs from the river (using a vessel) for the 3 identified slumps and other selected locations
- Measurements and sketches of the slumps will be taken per monitoring event
- Recording of data for each of the locations, west central and east, including;
  - Existing slump conditions, shape, (tape measurement checks, heights, levels) surface drainage / wet ground, any water emanating from the bank;
  - General evidence of bank slumping or instability, tension cracks, ground movement, extent and width.
  - Surface soil moisture and or free water observations, record of extent where observed;
  - Signs of seepage from the ground, in particular, the toe zone of the slope to the north. This would include seepage from the bank viewed from the river;
  - Significant changes in vegetation;
  - Any ground modification i.e. minor track maintenance or similar.

#### Groundwater Monitoring scope – Douglas Partners

Groundwater water levels in the (ten) recently installed wells will be downloaded from the auto dataloggers (installed week ending 20.3.2020) and a round of manual readings taken in the bores that don't have loggers. Samples will be taken for basic water chemistry and preparation of Piper Plots from each well for an early monitoring event.

The groundwater data will be correlated with river levels and rainfall readings.

**Frequency of Douglas Partners monitoring events: Douglas Partners will undertake fortnightly inspections for 8 weeks followed by monthly inspections for 3 months. The first monitoring report by Douglas Partners is expected to be completed by 13<sup>th</sup> April 2020.**

#### Survey Monitoring Scope – Reeds Consulting

Reeds consulting have installed a monitoring network (12 locations) around the key slump zones (installed on or around 4<sup>th</sup> March 2020) . Survey Prisms are installed on permanent star pickets in and around the slump zone that are to be monitored for 3 consecutive weeks to provide the baseline data. Following the baseline data, we expect the frequency of monitoring to align the Douglas Partners ongoing visual reports outlined above.

**Frequency of Reeds monitoring events: 3 consecutive weeks to provide the baseline data. Following the baseline data, we expect the frequency of monitoring to align the Douglas Partners ongoing visual reports outlined above.**



## Attachment 3 - Yarra Bend Ground Water Management Plan

NB: The available Reeds Consulting monitoring is attached at Appendix E. We note that it is not unexpected to see movement within the slump zone and the results of the movement will be discussed in the Douglas Partners monitoring events.

### Vegetation

Following the Tree report yet to be finalised, the scope of Reeds monitoring regime will be expanded to include the reporting of the tree slope angle changes over time as requested by Alluvium. Groundwater monitoring will be undertaken by Douglas Partners and reported fortnightly inspections for 8 weeks followed by monthly inspections for 3 months.

### Process for unexpected findings or urgent matters

Whilst we expect the rate of change to be slow and there are no further immediate risks to be managed, in the event the monitoring and regular inspection regime indicates a more dramatic rate of change is occurring, Glenwill will follow a process to manage the risk in an orderly manner in terms of priority of risk to life, imminent danger and protection of environment, protection of flora and fauna. If the need for this response arises, all relevant stakeholders will be engaged in the decision-making process.

## **Attachment 3 - Yarra Bend Ground Water Management Plan**

### APPENDIX

- A. Alluvium recommendation on Monitoring Regime, 18 Feb 2020
- B. Douglas Partners report on Geotechnical Investigations and Groundwater Study Yarra Bend:  
Riverfront Area Heidelberg Road, Alphington, 12 March 2020
- C. Reeds Levels and Features Plan, 26 Feb 2020
- D. Stormwater Construction Management Plan, CEMP
- E. Reeds Survey Monitoring Report 1 April 2020
- F. Alluvium Scorecard update by Glenvill as at 2<sup>nd</sup> April 2020

## 11.2 Fitzroy Cricket Ground Grandstand

Reference: D20/69736

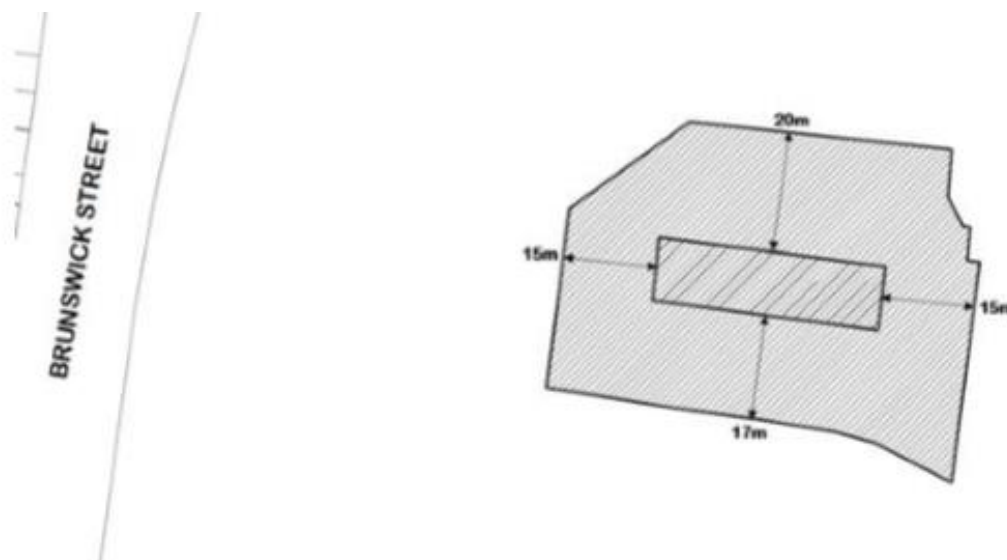
Authoriser: Group Manager Chief Executive's Office

### Purpose

1. To update Council about the opportunity for making a submission to Heritage Council of Victoria in relation to the proposed amendment to the registration of the Fitzroy Cricket Ground Grandstand (VHR H0751) and seek their authorisation to not making a formal submission but to write a letter of support to the Heritage Council of Victoria.

### Background

2. Council refers to the grandstand adjacent to the WT Peterson Oval in Edinburgh Gardens as the Fitzroy Football Club Grandstand. This same structure is known to Heritage Victoria as the Fitzroy Cricket Ground Grandstand, and this latter name will be used in this report.
3. In June 1990, Fitzroy Cricket Ground Grandstand was included in the Victorian Heritage Register of Historic Buildings (VHR H0751) due to its State-level historical and architectural cultural heritage significance.
4. The Executive Director Heritage Victoria (ED Heritage Victoria) is systematically reviewing early registrations and amending as required to ensure that they are consistent with current practices under the Heritage Act 2017.
5. This also includes converting the existing statement of significance to the current format.
6. The current registration includes Fitzroy Cricket Ground Grandstand, to the extent of the Grandstand building which is located on land permanently reserved as a site for a public park and garden.
7. There are no permit exemptions, currently.
8. On 11 March 2020, the ED Heritage Victoria made and accepted an application to amend the registration of the Fitzroy Cricket Ground Grandstand (VHR H0751) by including additional land and permit exemptions.
9. The revised extent of the Registration includes all of the place shown hatched on the diagram below encompassing part of Allotment 6 Section 34 at North Fitzroy, Parish of Jika.



10. The revised extent of registration of the Fitzroy Cricket Ground Grandstand in the Victorian Heritage Register will affect the whole place shown on the diagram including the land, buildings (including the exteriors and interiors), building features and fixtures, grassed areas, trees, paved areas, landscape elements and other features.
11. ED Heritage Victoria recommends that the Heritage Council of Victoria amend this registration in accordance with section 62 of the Heritage Act 2017 because under section 32 (1) of the Act as he considers that:
  - (a) the State-level cultural heritage significance of the place would be substantially less if the land or any part of the proposed land for inclusion in the Register was developed; and
  - (b) the proposed land for inclusion in the Register is important to the protection or conservation of the place or contributes to the understanding of the place.
12. If this amendment to the registration is approved it would mean that if a person wishes to undertake works or activities in relation to a registered place or registered object, they must apply to the Executive Director, Heritage Victoria for a permit.
13. The purpose of a permit is to enable appropriate change to a place and to effectively manage adverse impacts on the cultural heritage significance of a place as a consequence of change.
14. If an owner is uncertain whether a heritage permit is required, it is recommended that Heritage Victoria be contacted.
15. ED Heritage Victoria recommendations also include a number of permit exemptions.
16. Permit exemptions usually cover routine maintenance and upkeep issues faced by owners as well as minor works or works to the elements of the place or object that are not significant.
17. For details of the proposed permit exemptions refer Attachment 1 (pages 6-9).

### **External Consultation**

18. In March 2020, Heritage Victoria had notified Yarra City Council on the recommendation of ED Heritage Victoria proposing amendment to its current registration (heritage listing).
19. Notice of the recommendation was published online and in The Age of 20 March 2020, and on the Heritage Council of Victoria's website.
20. This is a part of the State's statutory process related to heritage registrations or amendments.
21. Council has been advised that a written submission regarding ED Heritage Victoria's recommendation can be made to the Heritage Council of Victoria, within 60 days of the recommendation notice being published.
22. The submission period closes on 5pm, 18 May 2020.
23. Since this process of the amendment in the registration of the Victorian Heritage Register is being managed by Heritage Victoria and Heritage Council of Victoria, Yarra City Council does not have a direct consultation responsibility.
24. Council officers have provided this information to the relevant local sporting clubs due to their interest and to the local MP's office.

### **Financial Implications**

25. There are no immediate financial implications to the Council related to the amendment of the registration.

### **Economic Implications**

26. There are no significant adverse economic impacts to the Council.

### **Sustainability Implications**

27. There are no adverse sustainability impacts.

### **Climate Emergency Implications**

28. There are no known climate emergency impacts to the Council.

### **Social Implications**

29. There are no adverse social impacts to the Council.  
30. Sporting clubs have been informed about the proposal.

### **Human Rights Implications**

31. There are no adverse human rights implications to the Council.

### **Communications with CALD Communities Implications**

32. This is part of an external agencies' work Council does not have any direct responsibilities.

### **Council Plan, Strategy and Policy Implications**

33. Not Applicable.

### **Legal Implications**

34. Sections 42 and 43 of the Victorian Heritage Act 2017 ensure that places and objects that are subject of an ED Heritage Victoria's recommendation maintain their cultural heritage values until Heritage Council of Victoria decides whether to include them in the Victorian Heritage Register.
35. These sections of the Act also require that owners must notify the Executive Director of Victoria of current and proposed works, any permit applications, and/or intentions to sell the place or object (refer Attachment 2).
36. The revised registration (once approved) would mean that under the Victorian Heritage Act 2017, if a person wishes to undertake works or activities in relation to a registered place or a registered object, they must apply to the Executive Director, Heritage Victoria for a permit.
37. Under section 152 of the Act, the owner of a registered place or registered object must not allow that place or object to fall into disrepair.
38. Under section 153 of the Act, the owner of a registered place or registered object must not fail to maintain that place or object to the extent that its conservation is threatened.
39. If works are proposed which have the potential to disturb or have an impact on Aboriginal cultural heritage it is necessary to contact Aboriginal Victoria to ascertain any requirements under the Aboriginal Heritage Act 2006.
40. If any Aboriginal cultural heritage is discovered or exposed at any time it is necessary to immediately contact Aboriginal Victoria to ascertain requirements under the Aboriginal Heritage Act 2006.
41. Yarra City Council would need to comply with the above provisions of the Victoria Heritage Act.

### **Other Issues**

42. Council is currently working on a project for the redevelopment of the sporting facilities in Brunswick Street Oval Precinct, which will include proposed works to the Fitzroy Cricket Ground Grandstand.
43. Council engaged Lovell Chen to prepare a concept plan for the Brunswick Street Oval Precinct redevelopment, which following a period of community consultation was endorsed by Council on 17 December 2019.
44. Council have also separately engaged Lovell Chen to prepare a conservation management plan (CMP) for Edinburgh Gardens (currently in draft), which includes the site.



45. Council officers working on the redevelopment of the Fitzroy Cricket Ground Grandstand have advised that Lovell Chen have been engaging with Heritage Victoria on the extent of land being included on the Victorian Heritage Register, Council's proposal for redevelopment and permit exemptions that are a part of the revised registration; and as such Heritage Victoria is aware of Council's intention to redevelop the area around the Grandstand.
46. The revised spatial extent of the heritage listing for the Grandstand will affect those elements of the redevelopment that fall within the extent of the heritage listing and would be subject to a Heritage Victoria permit.
47. Lovell Chen's view is that given that the redevelopment project is still at an early stage, the change to registration extent at this juncture will not have an adverse impact on the redevelopment project, and that heritage aspects must be appropriately managed as part of permit applications for the project under either the current or the proposed revised extent.
48. The anticipated timeframe for the lodgement of the planning permit applications to Heritage Victoria and Yarra City Council, is July-August 2020.
49. Sports clubs have not indicated their interest to City of Yarra, so far, about making a submission to Heritage Council Victoria relating the proposed amendment by ED Heritage Victoria to the registration of Fitzroy Cricket Ground Grandstand.

### **Options**

50. Considering that the amendment to the VHR registration for the Grandstand is a procedural response to correcting the anomaly and Lovell Chen's advice is that impacts to redevelopment can be managed as a part of the heritage and planning permits process, Council does not have a compelling argument against the proposed amendment.
51. Accordingly, Council can consider following options for providing a response to the Heritage Council of Victoria:
  1. Council writes a letter of support as a part of the submissions process.
  2. Council writes a letter of support outside the submission process.
  3. Council does not make any formal submission.

### **Conclusion**

52. As there is no significant impact to Council, all of the above options 1, 2, and 3 are suitable. Option 2 would be preferable as it would carry equal weight in terms of Council's support and would not interfere with the decision making process as well as not have immediate time constraints.

### **RECOMMENDATION**

1. That:
  - (a) Council note that there is no significant impact to Council due to the recommendations of ED Heritage Victoria to revise the extent of registration to Fitzroy Cricket Ground Grandstand; and
  - (b) Council authorises council officers to send a letter to support to Heritage Council of Victoria, after the submission period is over.

**CONTACT OFFICER:** Richa Swarup  
**TITLE:** Senior Advisor City Heritage  
**TEL:** 9205 5149

**Attachments**

- 1 [!\[\]\(31b03e46ee8a80a1f1467b8c03bd76e8\_img.jpg\)](#) ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-  
GROUND GRANDSTAND
- 2 [!\[\]\(7d9665ff04f9d2270c38081c6215a724\_img.jpg\)](#) OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC  
RECOMMENDATIONS

# Attachment 1 - ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-GROUND GRANDSTAND

Page | 1

## Recommendation of the Executive Director and assessment of cultural heritage significance under Part 3 of the *Heritage Act 2017*



<b>Current Name</b>	Fitzroy Cricket Ground Grandstand
<b>Location</b>	Brunswick Street, Fitzroy North, Yarra City Council
<b>Date Registered</b>	27 June 1990
<b>VHR Number</b>	VHR H0751
<b>VHR Category</b>	Registered Place
<b>Hermes Number</b>	447



Fitzroy Cricket Ground Grandstand (February 2020)

### EXECUTIVE DIRECTOR RECOMMENDATION TO THE HERITAGE COUNCIL:

That the Heritage Council amends the existing registration of VHR H0751 in accordance with s.62 of the *Heritage Act 2017* by:

1. Including additional land under s.49(1)(d)(i) and (ii).
2. Determining categories of works or activities which may be carried out in relation to the Fitzroy Cricket Ground Grandstand for which a permit is not required (permit exemptions), under s.49(3).

**STEVEN AVERY**

**Executive Director**

**Recommendation Date:** Monday 16 March 2020

**Advertising Period:** Friday 20 March – Monday 18 May 2020

This recommendation report has been issued by the Executive Director, Heritage Victoria under s.37 of the *Heritage Act 2017*.

1

Current Name: Fitzroy Cricket Ground Grandstand  
VHR number: VHR H0751  
Hermes number: 447

## Attachment 1 - ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-GROUND GRANDSTAND

Page | 2

### REASONS FOR REGISTRATION IN JUNE 1990

The State-level historical and architectural cultural heritage significance of the Fitzroy Cricket Ground Grandstand was recognised in June 1990 by its inclusion in the Register of Historic Buildings (VHR H0751). The registration recognised the place's historical significance as an early surviving grandstand with associations with the development of cricket and Australian Rules football in metropolitan Melbourne. It also recognised its architectural significance as a fine example of a nineteenth-century timber grandstand.

### AMENDMENT APPLICATION MADE ON 11 MARCH 2020

On 11 March 2020 the Executive Director made and accepted an application to amend the registration of the Fitzroy Cricket Ground Grandstand (VHR H0751) by including additional land and permit exemptions. The Executive Director is systematically reviewing early registrations and amending as required to ensure that they are consistent with current practices under the *Heritage Act 2017*. The Executive Director is also proposing to convert the existing statement of significance to the current format.

### AMENDMENT RECOMMENDATION REASONS

The Executive Director recommends that the Heritage Council amend this registration in accordance with s.62 of the *Heritage Act 2017* because under s.32(1) of the Act he considers that—

- a) the State-level cultural heritage significance of the place would be substantially less if the land or any part of the proposed land for inclusion in the Register was developed;
- b) the proposed land for inclusion in the Register is important to the protection or conservation of the place or contributes to the understanding of the place.

### WHO ARE THE TRADITIONAL OWNERS/REGISTERED ABORIGINAL PARTY FOR THIS PLACE?

The Registered Aboriginal Party under the *Aboriginal Heritage Act 2006* for the land on which the Fitzroy Cricket Ground Grandstand is located is the Wurundjeri Woi Wurrung Cultural Heritage Aboriginal Corporation.

2

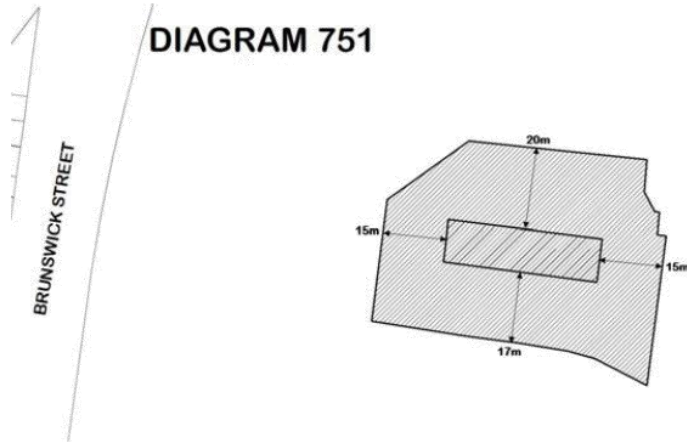
Current Name: Fitzroy Cricket Ground Grandstand  
VHR number: VHR H0751  
Hermes number: 447

# Attachment 1 - ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-GROUND GRANDSTAND

Page | 3

## RECOMMENDED EXTENT OF REGISTRATION

All of the place shown hatched on Diagram 751 encompassing part of Allotment 6 Section 34 at North Fitzroy, Parish of Jika Jika.



The extent of registration of the Fitzroy Cricket Ground Grandstand in the Victorian Heritage Register affects the whole place shown on Diagram 751 including the land, buildings (including the exteriors and interiors), building features and fixtures, grassed areas, trees, paved areas, landscape elements and other features.

## AERIAL PHOTO SHOWING RECOMMENDED EXTENT



Current Name: Fitzroy Cricket Ground Grandstand  
VHR number: VHR H0751  
Hermes number: 447

3



## Attachment 1 - ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-GROUND GRANDSTAND

Page | 4

### RATIONALE FOR EXTENT

The recommended extent of registration comprises the significant grandstand building, the 1980s community room to the east of the grandstand and land occupied by these buildings. It also includes land to provide a setting.

### CHANGE OF HERITAGE CATEGORY

No change of category.

### CHANGE OF NAME

No change of name.

### BACKGROUND

#### WHAT IS AT THE PLACE?

The Fitzroy Cricket Ground Grandstand (1888) is located on the north side of the WT Peterson Oval (commonly known as the Brunswick Street Oval) within the Edinburgh Gardens precinct. It comprises timber framed seating area atop a brick storey containing change rooms and other facilities. The southern elevation, facing the oval, features a central divided entry stair, additional stairs to each end of the building, cast iron balustrading to the seating area and small central gable with louvered vent. The western elevation has an attached verandah. A single-storey community meeting room (1980s) is located to the east of the grandstand. The north elevation is of painted brick and weatherboard and includes windows to both the upper and lower levels. The area surrounding the buildings consists of asphalted paths and roadways, areas of lawn and trees.

#### WHAT IS THE HISTORY OF THE PLACE?

The site for the Edinburgh Gardens was reserved in 1862. In the same year, cricket teams were given permission to occupy part of the reserve and began to introduce improvements to support the use of the place for sports. The Fitzroy Football Club was formed in 1883 and began playing at the ground. Cricket and Australian Rules football continued to grow in popularity in the late nineteenth century, and in 1888 the cricket club had the resources to commission the construction of the Fitzroy Cricket Ground Grandstand. The grandstand was designed by Nathaniel Billing, then working as N. Billing and Son. In 1905 an additional grandstand, similar in design, was constructed to the west of the 1888 grandstand. In 1966, the Fitzroy Football Club vacated the ground. In the 1970s, the 1905 grandstand was destroyed by fire. After a period of neglect, the surviving 1888 grandstand was refurbished, and additional community facilities added. Further works were undertaken in the early 1990s and 2000s. In 2020 the grandstand was home to sports teams including the Edinburgh Cricket Club and Fitzroy Football Club.

4

Current Name: Fitzroy Cricket Ground Grandstand  
VHR number: VHR H0751  
Hermes number: 447

## Attachment 1 - ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-GROUND GRANDSTAND

Page | 5

### STATEMENT OF SIGNIFICANCE

#### WHAT IS SIGNIFICANT?

The Fitzroy Cricket Ground Grandstand building including its fixtures and fittings. The 1980s Community Room to the east of the grandstand is not significant.

#### HOW IS IT SIGNIFICANT?

The Fitzroy Cricket Ground Grandstand is of architectural and historical significance to the State of Victoria.

The place satisfies the following criteria for inclusion in the Victorian Heritage Register:

- Criterion A: Importance to the course, or pattern, of Victoria's cultural history
- Criterion D: Importance in demonstrating the principal characteristics of a class of cultural places/objects.

#### WHY IS IT SIGNIFICANT?

The Fitzroy Cricket Ground Grandstand is historically significant as one of the earliest surviving nineteenth-century grandstands in the metropolitan area. Constructed in 1888, the Fitzroy Cricket Ground Grandstand has an enduring association with the development of Australian rules football and cricket and their growth as popular recreational pastimes from the late nineteenth century onwards. The ground was the home of the Fitzroy Football Club from 1884 until 1966 and the Grandstand remains as an important reminder of the contribution made by Fitzroy to the history of Australian rules football in Victoria (Criterion A).

The Fitzroy Cricket Ground Grandstand is architecturally significant as a fine and intact example of a nineteenth-century timber grandstand. It was designed by noted architect Nathaniel Billing and exhibits high quality design characteristics in its symmetrical composition and restrained decorative details. Many grandstands constructed in this era have been demolished or substantially altered and it remains a comparatively intact surviving example (Criterion D).

5

Current Name: Fitzroy Cricket Ground Grandstand  
VHR number: VHR H0751  
Hermes number: 447

## Attachment 1 - ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-GROUND GRANDSTAND

Page | 6

### INTRODUCTION TO PERMIT EXEMPTIONS

#### Preamble

The purpose of this information is to assist owners and other interested parties when considering or making decisions regarding works to a registered place. It is recommended that any proposed works be discussed with an officer of Heritage Victoria prior to making a permit application. Discussing proposed works will assist in answering questions the owner may have and aid any decisions regarding works to the place.

**The extent of registration of the Fitzroy Cricket Ground Grandstand in the Victorian Heritage Register affects the whole place shown on Diagram 751 including the land, buildings (exteriors and interiors), roads, trees, landscape elements and other features.** Under the *Heritage Act 2017* a person must not remove or demolish, damage or despoil, develop or alter or excavate, relocate or disturb the position of any part of a registered place or object without approval. It is acknowledged, however, that alterations and other works may be required to keep places and objects in good repair and adapt them for use into the future.

If a person wishes to undertake works or activities in relation to a registered place or registered object, they must apply to the Executive Director, Heritage Victoria for a permit. The purpose of a permit is to enable appropriate change to a place and to effectively manage adverse impacts on the cultural heritage significance of a place as a consequence of change. If an owner is uncertain whether a heritage permit is required, it is recommended that Heritage Victoria be contacted.

Permits are required for anything which alters the place or object, unless a **permit exemption** is granted. Permit exemptions usually cover routine maintenance and upkeep issues faced by owners as well as minor works or works to the elements of the place or object that are not significant. They may include appropriate works that are specified in a conservation management plan. Permit exemptions can be granted at the time of registration (under s.38 of the *Heritage Act*) or after registration (under s.92 of the *Heritage Act*). It should be noted that the addition of new buildings to the registered place, as well as alterations to the interior and exterior of existing buildings requires a permit, unless a specific permit exemption is granted.

#### Disrepair of registered place or registered object

Under s.152 of the Act, the owner of a registered place or registered object must not allow that place or object to fall into disrepair.

#### Failure to maintain registered place or registered object

Under s.153 of the Act, the owner of a registered place or registered object must not fail to maintain that place or object to the extent that its conservation is threatened.

#### Conservation management plans

It is recommended that a Conservation Management Plan is developed to manage the place in a manner which respects its cultural heritage significance.

#### Aboriginal cultural heritage

If works are proposed which have the potential to disturb or have an impact on Aboriginal cultural heritage it is necessary to contact Aboriginal Victoria to ascertain any requirements under the *Aboriginal Heritage Act 2006*. If any Aboriginal cultural heritage is discovered or exposed at any time it is necessary to immediately contact Aboriginal Victoria to ascertain requirements under the *Aboriginal Heritage Act 2006*.

6

Current Name: Fitzroy Cricket Ground Grandstand  
VHR number: VHR H0751  
Hermes number: 447

## Attachment 1 - ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-GROUND GRANDSTAND

Page | 7

### Other approvals

Please be aware that approval from other authorities (such as local government) may be required to undertake works.

### Archaeology

There is no identified archaeology of state level significance at the place.

### Cultural heritage significance

#### Overview of significance

The cultural heritage significance of the Fitzroy Cricket Ground Grandstand lies in the grandstand building, attached features and fixtures and its relationship to the oval and broader context. The 1980s community room to the east of the grandstand is not significant. Other recreational facilities introduced in the late-twentieth century such as the bocce court are not significant.

## CATEGORIES OF WORKS OR ACTIVITIES (PERMIT EXEMPTIONS) RECOMMENDED UNDER S.38

The following works do not require a permit provided that they are carried out in a manner which does not harm the cultural heritage significance of the Fitzroy Cricket Ground Grandstand.

### General Conditions

- All exempted alterations are to be planned and carried out in a manner which prevents damage to the significant fabric of the Fitzroy Cricket Ground Grandstand.
- Should it become apparent during further inspection or the carrying out of works that original or previously hidden or inaccessible details of the Fitzroy Cricket Ground Grandstand are revealed which relate to the significance of the place or object, then the exemption covering such works shall cease and Heritage Victoria shall be notified as soon as possible.
- All works should ideally be informed by a Conservation Management Plan prepared for the place. The Executive Director is not bound by any Conservation Management Plan, and permits still must be obtained for works suggested in any Conservation Management Plan.
- Nothing in this determination prevents the Heritage Council from amending or rescinding all or any of the permit exemptions.
- Nothing in this determination exempts owners or their agents from the responsibility to seek relevant planning or building permits from the relevant responsible authority, where applicable.

### Specific Permit Exemptions

#### Grandstand

##### Exterior

- Minor repairs and maintenance which replaces like with like. Repairs and maintenance must maximise protection and retention of significant fabric and include the conservation of existing details or elements. Any repairs and maintenance must not exacerbate the decay of fabric due to chemical incompatibility of new materials, obscure fabric or limit access to such fabric for future maintenance.
- Repair to or removal of items such as air conditioners, pipe work, ducting, wiring, antennae and aerials.
- Works or activities, including emergency stabilisation, necessary to secure safety in an emergency where a structure or part of a structure has been irreparably damaged or destabilised and poses a safety risk to its users or the public. Note: The Executive Director, Heritage Victoria, must be notified within seven days of the commencement of these works or activities.

7

Current Name: Fitzroy Cricket Ground Grandstand  
VHR number: VHR H0751  
Hermes number: 447

## Attachment 1 - ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-GROUND GRANDSTAND

Page | 8

- Painting of previously painted surfaces in the same colour, finish and product type provided that preparation or painting does not remove earlier paint finishes or schemes. Note: This exemption does not apply to decorative finishes or unpainted, oiled or varnished surfaces.
- Cleaning including the removal of surface deposits or graffiti by the use of low-pressure water (less than 300 psi at the surface being cleaned) and neutral detergents and mild brushing and scrubbing with plastic not wire brushes.
- Repair and maintenance to existing signage and replacement of signage where it is to the same scale and in the same location.
- Repair to and removal of existing exterior lighting and public address systems.

### *Interior*

- Painting of previously painted surfaces in the same colour, finish and product type provided that preparation or painting does not remove earlier paint finishes or schemes. Note: This exemption does not apply to decorative finishes or unpainted, oiled or varnished surfaces.
- Removal or replacement of devices for the hanging of wall mounted artworks, noticeboards and signage in existing locations.
- Installation, removal or replacement of carpets and/or flexible floor coverings and window furnishings such as curtains and blinds.
- Removal or replacement of smoke and fire detectors, alarms and the like, of the same size and in existing locations.
- Repair, removal or replacement of existing ducted, hydronic or concealed radiant type heating provided that the central plant is concealed, and that the work is done in a manner which does not alter building fabric.
- Installation of plant within the roof space, providing that it does not impact on the external appearance of the building or involve structural changes.

### **1980s Community Rooms**

*All the works and activities specified for the Grandstand, plus:*

- All works to the interior of the Community Room.

### **Events**

- The installation and/or erection of temporary elements associated with authorised short-term events provided they are not attached to the grandstand building and are in situ for a maximum period of 30 days after which time they must be removed. This includes:
  - Temporary structures such as marquees.
  - Temporary security fencing, scaffolding, hoardings or surveillance systems.
  - Temporary infrastructure, including lighting, portable toilets, public address systems and the like to support events and performances.
  - Temporary micro tenancies such as food trucks and the like, with ground protection.
  - Temporary operational equipment such as freestanding wayfinding/directional signage.

### **Landscape/ outdoor areas**

- The processes of gardening including mowing, pruning, mulching, bedding displays, removal of dead shrubs, planting and replanting of garden beds, disease and weed control and maintenance to care for existing plants.
- Management and maintenance of trees including formative and remedial pruning, removal of deadwood and pest and disease control.
- The removal or pruning of dead or dangerous trees to maintain safety.

8

Current Name: Fitzroy Cricket Ground Grandstand  
VHR number: VHR H0751  
Hermes number: 447



## **Attachment 1 - ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-GROUND GRANDSTAND**

Page | 9

- Establishment of new garden beds and low-level plantings except where this involves major excavation.
- Installation of new pathways where they do not involve major excavation or interface with the fabric of the grandstand.
- Subsurface works involving the installation, removal or replacement of existing watering and drainage systems or other services provided there are no visible above ground elements. Existing lawns, gardens and hard landscaping, including paving, footpaths and roadways are to be reinstated on the completion of works.
- Repair and maintenance of existing hard landscaping including paving, footpaths and roadways where fabric, design, scale, form and method of fixing is repaired or replaced like for like.
- Repair, maintenance or removal of bocce court.
- Removal or replacement of external directional or informational signage provided the size, location and material remains the same.
- Maintenance, repair and replacement of existing services such as plumbing, electrical cabling, surveillance systems, external lighting, pipes or fire services which does not involve changes in location or scale of above ground elements, or major excavation.
- Maintenance, repair and removal of the existing water tank, bins, bin cages, benches, bollards and fencing and replacement of these items provided they are of the same scale and in the same location.

9

Current Name: Fitzroy Cricket Ground Grandstand  
VHR number: VHR H0751  
Hermes number: 447

## Attachment 1 - ED HERITAGE VICTORIA-RECOMMENDATION TO AMEND FITZROY CRICKET-GROUND GRANDSTAND

Page | 10

### ATTACHMENT 1 EXISTING REGISTRATION DETAILS

#### EXISTING CATEGORY OF REGISTRATION

Registered Place.

#### EXISTING EXTENT OF REGISTRATION

AMENDMENT OF REGISTER OF HISTORIC BUILDINGS

Historic Building No. 751.

Fitzroy Cricket Ground Grandstand, Brunswick Street, Fitzroy.

To the extent of the Grandstand building which is located on land permanently reserved as a site for a public park and garden, more particularly described in an Act relating to certain lands at Fitzroy, No. 7627(1967), First Schedule.

[Victoria Government Gazette No. G25 27 June 1990 pp.1970-1971]

No extent diagram accompanies this registration.

#### EXISTING STATEMENT OF SIGNIFICANCE

What is significant?

The Fitzroy Cricket Ground Grandstand was constructed in 1888 to the design of the architects N Billing and Son. It is of typical nineteenth century form with central divided entry stair emphasised by a small pediment and restrained use of cast iron for balustrading. The ground, usually known as the 'Brunswick Street Oval', was the home of the Fitzroy Football Club until 1966.

How is it significant?

The Fitzroy Cricket Ground Grandstand is of architectural and historical significance to the State of Victoria.

Why is it Significant?

The Fitzroy Cricket Ground Grandstand is of architectural significance as a fine example of a 19th century timber grandstand at a major sports venue. It is of typical 19th century form with central divided entry stair emphasised by a small pediment and restrained use of cast iron for balustrading only. Grandstands were a spectacular feature of nineteenth century recreation but generally were demolished or severely altered. The Fitzroy Cricket Ground Grandstand therefore stands as one of the most important of a now small group of survivors.

The Fitzroy Cricket Ground Grandstand is of historical significance as possibly the oldest and most intact nineteenth century grandstand in the metropolitan area and for its enduring association over many years with inner metropolitan football and cricket, one of the few associated structures to have survived relatively intact. The Cricket Ground was the home of the now-defunct Fitzroy Football Club until 1966 and stands as an important reminder of the contribution made by Fitzroy to the history of Australian football in Victoria.

#### EXISTING PERMIT EXEMPTIONS

There are currently no permit exemptions.

10

Current Name: Fitzroy Cricket Ground Grandstand  
VHR number: VHR H0751  
Hermes number: 447

## Attachment 2 - OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC RECOMMENDATIONS

### Obligations of owners of places and objects subject to an Executive Director recommendation

Sections 42 and 43 of the *Heritage Act 2017* ensure that places and objects that are the subject of an Executive Director recommendation maintain their cultural heritage values until the Heritage Council of Victoria decides whether to them in the Victorian Heritage Register (VHR).

Owners must notify the Executive Director of current and proposed works, any permit applications, and/or intentions to sell the place or object.

#### Section 42 of the Heritage Act 2017

(1) The owner of a place or object to whom a statement of recommendation has been given must advise the Executive Director in writing of—

- (a) any works or activities that are being carried out in relation to the place or object at the time the statement is given; and
- (b) any application for a planning permit or a building permit, or for an amendment to that permit, that has been made in relation to the place but not determined at the time the statement is given; and
- (c) any works or activities that are proposed to be carried out in relation to the place or object at the time the statement is given.

(2) An advice under subsection (1) **must be given within 10 days** after the statement of recommendation is given under section 40.

(3) The owner of a place to whom a statement of recommendation has been given must advise the Executive Director in writing of an application, permit or amendment if, before a determination under section 49 or 52 in respect of a place—

- (a) an application for a planning permit or a building permit or for an amendment to that permit in relation to the place is made; or
- (b) a planning permit or building permit or an amendment to that permit in relation to the place is granted.



(4) An advice under subsection (3) must be given **within 10 days** after the making of the application or the grant of the permit or amendment.

(5) The owner of a place or object to whom a statement of recommendation has been given must advise the Executive Director in writing of the following activities or proposals if, before a determination is made under section 49 or 52 in respect of a place or object—

- (a) any activities are carried out in relation to the place or object that could harm the place or object;
- (b) any activities are proposed to be carried out in relation to the place or object that could harm the place or object.

(6) An advice under subsection (5) must be given within 10 days after the owner becomes aware of the activity or the proposal, as the case requires.

(7) If, before a determination is made under section 49 of a place or object, a proposal is made to dispose of the whole or any part of the place or object, the owner of the place or object must advise the Executive Director in writing of that proposal.

(8) An advice under subsection (7) must be given at least 10 days before entering into the contract for the disposal of the place or object.

## Attachment 2 - OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC RECOMMENDATIONS

### Obligations of owners of places and objects subject to an Executive Director recommendation

(9) The owner of a place or object who proposes to dispose of the whole or any part of the place or object before a determination is made under section 49 or 52 in respect of the place or object must, before entering into a contract for that disposal, give a copy of the statement of recommendation to the person who, under the proposed contract, is to acquire the place or object or part of the place or object.

#### Section 43 of the Heritage Act 2017

An owner of a place or object to whom section 42 applies must comply with that section.

**Penalty:** In the case of a natural person, 120 penalty units; In the case of a body corporate, 240 penalty units.

#### Recommendations not to include

Sections 42 and 43 of the Act applies regardless of whether the Executive Director has recommended to include the place or object in the VHR.

### Enquires about sections 42 and 43 of the *Heritage Act 2017*

Please direct enquiries about IPOs:

#### Heritage Victoria

Phone: (03) 9938 6891

Email: [heritage.registrations@delwp.vic.gov.au](mailto:heritage.registrations@delwp.vic.gov.au)

Visit: [heritage.vic.gov.au](http://heritage.vic.gov.au)

If you are an owner of a place or object subject to an Executive Director recommendation, please contact Heritage Victoria on (03) 9938 6891 if you are undertaking or contemplating works or sale.



© The State of Victoria Department of Environment, Land, Water and Planning 2018  
This work is licensed under a Creative Commons Attribution 4.0 International licence. You are free to re-use the work under that licence, on the condition that you credit the State of Victoria as author. The licence does not apply to any images, photographs or branding, including the Victorian Coat of Arms, the Victorian Government logo and the Department of Environment, Land, Water and Planning (DELWP) logo. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>

Printed by Heritage Victoria, East Melbourne

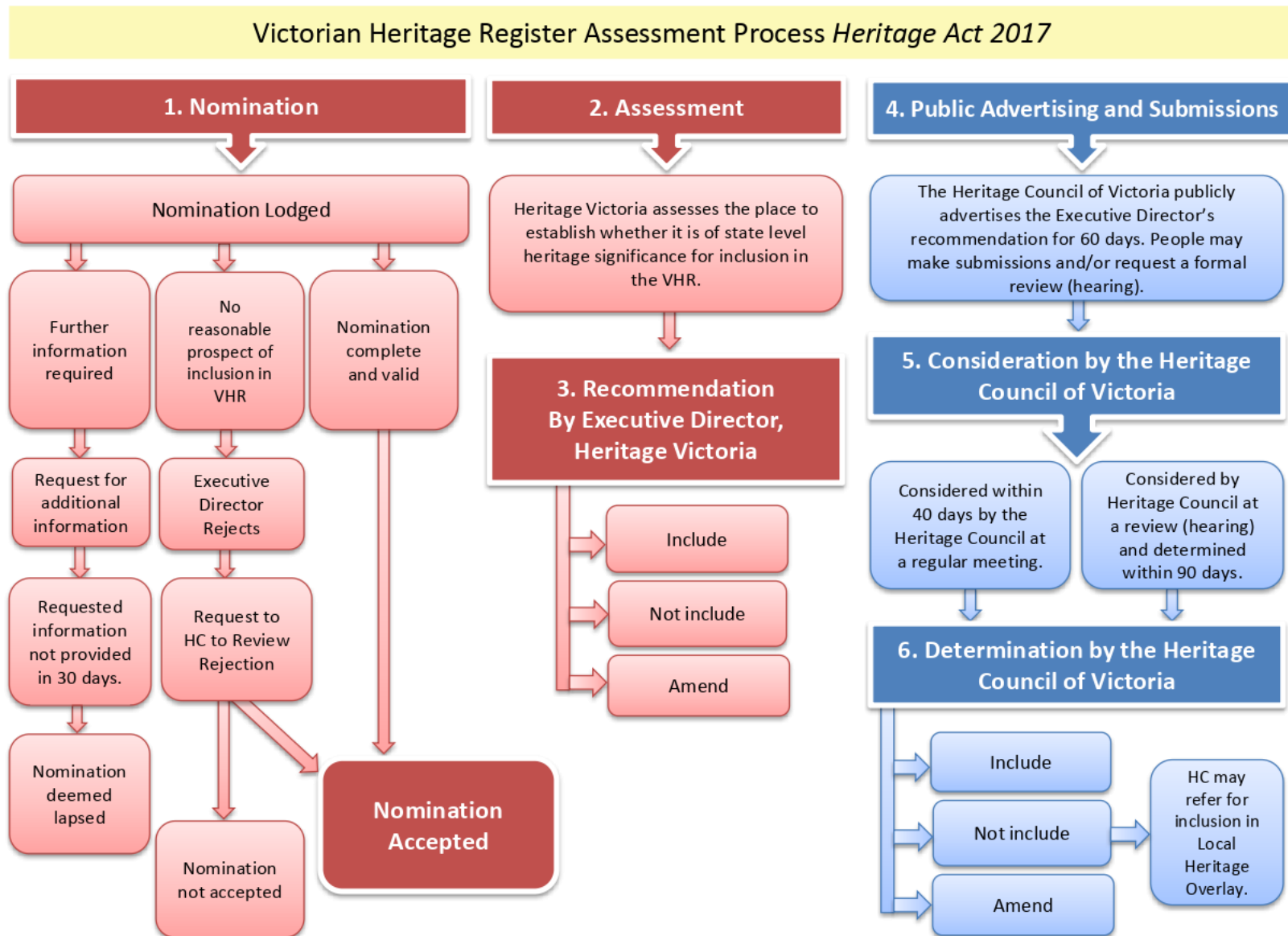
#### Disclaimer

This publication may be of assistance to you but the State of Victoria and its employees do not guarantee that the publication is without flaw of any kind or is wholly appropriate for your particular purposes and therefore disclaims all liability for any error, loss or other consequence which may arise from you relying on any information in this publication.

#### Accessibility

If you would like to receive this publication in an alternative format, please telephone the DELWP Customer Service Centre on 136186, email [heritage.victoria@delwp.vic.gov.au](mailto:heritage.victoria@delwp.vic.gov.au) or via the National Relay Service on 133 677 [www.relayservice.com.au](http://www.relayservice.com.au). This document is also available on the internet at [www.delwp.vic.gov.au](http://www.delwp.vic.gov.au).

## Attachment 2 - OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC RECOMMENDATIONS



Flowchart updated: 30 October 2017



## Attachment 2 - OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC RECOMMENDATIONS

### What does registration mean? Victorian Heritage Register (VHR)

The Victorian Heritage Register (VHR) is established under the *Heritage Act 2017*. It is a statutory list of places and objects which are considered to have State level cultural heritage significance.

#### The VHR

##### Places and objects in the VHR are:

- of State-level cultural heritage significance to Victoria.
- protected under the *Heritage Act 2017* ('the Act') for current and future generations to appreciate.
- eligible for financial assistance under heritage incentive schemes.

##### What kind of places and objects are included in the VHR?

There are around 2,400 places and objects in the VHR. They are listed on the publicly accessible online Victorian Heritage Database and include:

- any heritage place of state level significance including buildings, gardens, structures, trees, archaeological sites, historic landscapes.
- any heritage object of state level significance.

##### Who decides which places and objects are included in the VHR?

Registration is a process which includes the following steps:

1. The Executive Director, Heritage Victoria accepts a nomination and assesses the place or object to form a view whether it is of state level cultural significance.
2. The Executive Director makes a recommendation to the Heritage Council of Victoria to include or not include a place or object in the VHR.
3. The Heritage Council of Victoria calls for public submissions on the recommendation which is publicly advertised for 60 days.
4. The Heritage Council considers the recommendation and submissions, and makes a determination. It may do so at one of its two-monthly meetings or convene a public review.

##### Who nominates place and objects for the VHR?

Any person or organisation.

##### Can building works and alterations be undertaken at VHR places?

Yes. Registration by the Heritage Council does not stop places being altered or developed. Under the Act, however, all works are subject to a permits process and must be approved by Heritage Victoria. More than 95 per cent of permit applications are approved often after a process of negotiation and design refinement. Owners are encouraged to discuss proposed works with Heritage Victoria early in the planning process. Expert staff can offer building and conservation advice which balances the needs of owners with the preservation of cultural heritage values. Some minor works may be approved by means of a permit exemption (rather than a permit) because of their low impact on cultural heritage values at a place.

##### Registration in the VHR does not:

- prevent the sale of a place or object.
- prevent a place or object being used for a different purpose.
- guarantee that a place or object will never be altered or developed.

There are around 2,400 places and objects in the VHR. They are listed on the publicly accessible online Victorian Heritage Database at [vhd.heritagecouncil.vic.gov.au](http://vhd.heritagecouncil.vic.gov.au)

##### How does VHR registration differ from National Trust classification?

The VHR provides statutory (legal) protection for VHR places and objects under the *Heritage Act 2017*. There are penalties for damaging VHR places and objects. The National Trust's classification system identifies places of significance but offers no legal protection.



[delwp.vic.gov.au](http://delwp.vic.gov.au)



Environment,  
Land, Water  
and Planning

## Attachment 2 - OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC RECOMMENDATIONS



### Is there any financial help for owners of registered places?

All VHR places and objects are potentially eligible for modest and conditional financial assistance which may be offered from time to time by Heritage Victoria.

### Do owners of VHR places have to provide access to the public?

No. The Heritage Council recognises the privacy rights of private property owners. The public has no special right of access to VHR places.

### Does Heritage Council registration affect the property's ownership?

No. Although registration is noted on the property title, it does not mean the Heritage Council has any proprietary interest in the property.

### Can the Heritage Council force owners to restore their place or object?

Owners of registered places are not legally required to repair or restore the property to its original condition. It is, however, in an owner's interests to carry out normal ongoing maintenance and repair work to protect the value of their property and to avoid expensive remedial work. The Act requires that an owner not allow a registered place or object fall into disrepair or fail to maintain it to the extent that its conservation is threatened.

### Is technical assistance available for owners?

Yes. Conservators, architects, planners, historians, archaeologists and horticulturists working with Heritage Victoria provide a free service to owners, advising on technical or design problems or directing owners to an appropriate specialist. However, due to time constraints, this does not extend to preparing architectural drawings and documentation.

### Will the value of the property be affected?

Probably not. Some people fear that inclusion in the VHR will reduce a property's value. Recent research suggests this is dependent on the particular type of property, its location, planning considerations and its overall condition. Because of their special character and short supply, heritage properties will sometimes attract a premium price.

### Is it harder to get insurance for a registered property?

Heritage listing alone should have no effect on the capacity to obtain insurance or its cost. Insurance premiums are calculated on the risk of claims, so the age, construction and condition of the building or object will primarily determine the premium. As Heritage Victoria is unlikely to require an owner to rebuild or restore a place or object to its original condition if it is severely damaged, items can usually be insured at no greater risk for the insurance company than for any other building or object.

## Enquires about VHR nominations

Please direct enquiries about VHR nominations to:

### Heritage Victoria

Phone: (03) 9938 6891

Email: [heritage.registrations@delwp.vic.gov.au](mailto:heritage.registrations@delwp.vic.gov.au)

Visit: [www.heritage.vic.gov.au](http://www.heritage.vic.gov.au)

## Enquires about permits for VHR places and objects

Please direct enquiries about VHR nominations to:

### Heritage Victoria

Phone: (03) 9938 6891

Email: [heritage.permits@delwp.vic.gov.au](mailto:heritage.permits@delwp.vic.gov.au)

Visit: [www.heritage.vic.gov.au](http://www.heritage.vic.gov.au)

© The State of Victoria Department of Environment, Land, Water and Planning 2017

This work is licensed under a Creative Commons Attribution 4.0 International licence. You are free to re-use the work under that licence, on the condition that you credit the State of Victoria as author. The licence does not apply to any images, photographs or branding, including the Victorian Coat of Arms, the Victorian Government logo and the Department of Environment, Land, Water and Planning (DELWP) logo. To view a copy of this licence, visit



<http://creativecommons.org/licenses/by/4.0/>

Printed by Heritage Victoria, East Melbourne

### Disclaimer

This publication may be of assistance to you but the State of Victoria and its employees do not guarantee that the publication is without flaw of any kind or is wholly appropriate for your particular purposes and therefore disclaims all liability for any error, loss or other consequence which may arise from you relying on any information in this publication.

### Accessibility

If you would like to receive this publication in an alternative format, please telephone the DELWP Customer Service Centre on 136186, email [heritage.victoria@delwp.vic.gov.au](mailto:heritage.victoria@delwp.vic.gov.au) or via the National Relay Service on 133 677 [www.relayservice.com.au](http://www.relayservice.com.au). This document is also available on the internet at [www.delwp.vic.gov.au](http://www.delwp.vic.gov.au).

## Attachment 2 - OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC RECOMMENDATIONS



### **INSTRUCTIONS FOR COMPLETING AN APPLICATION FOR PERMIT TO CARRY OUT WORKS OR ACTIVITIES TO A HERITAGE PLACE OR OBJECT**

#### **Important Information for Applicants Prior to Lodging an Application**

This information sheet is provided to assist applicants apply for a Heritage Permit to undertake works to a Heritage Place or Object. Places and Objects included in the Victorian Heritage Register have been determined to be of State significance and have therefore been afforded the highest level of protection. It should never be assumed that works are 'minor' or that certain 'works' do not require a permit. **Where any doubt exists, confirmation from Heritage Victoria must be sought prior to undertaking works.**

Due to the importance placed on ensuring that the cultural heritage significance of each place on the Victorian Heritage Register is protected for future generations, Parliament has determined that it is a criminal offence to undertake works to a Heritage Place without first obtaining a permit. The only exceptions to this being where:

1. permit exemptions have been granted for works by the Heritage Council;
2. written confirmation that a permit is not required has been provided by the Executive Director - for example where the works have been determined to not harm the heritage place or object.

The penalty for undertaking works without a permit is up to \$380,568 and or five years imprisonment for a natural person. For a body corporate the penalty is up to \$761,136. Only works authorised by a permit are legal.

A new permit or amendment to a permit is required **wherever** it is proposed to alter permitted works or do additional works. If works other than those authorised by a permit are undertaken, those works will be illegal works. Applicants are considered to be responsible for the actions of any person they engage to do works to a Heritage Place and must ensure that adequate steps are taken to prevent works being undertaken other than in accordance with a permit.

**It is the responsibility of permit applicants to provide full details, current documentation and the appropriate fee in support of their Application. INCOMPLETE APPLICATIONS WILL BE RETURNED AND RESULT IN DELAY. Applicants are advised that, once submitted, a Permit Application is a public document.**

The information which follows provides explanatory details as to what information is required to complete each of the parts of the Application. An 'Application Checklist' is included in this leaflet and should be read carefully by applicants prior to lodging the Application.

If you require further information please contact Heritage Victoria on **(03) 9938 6891**.

## Attachment 2 - OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC RECOMMENDATIONS

### COMPLETING THE APPLICATION

#### THE HERITAGE PLACE OR OBJECT

Full address or location details are required. Each place on the Victorian Heritage Register is allocated its own unique number. If this number is not known, please contact Heritage Victoria. This information is important so that Heritage Victoria can determine if any permit exemptions may exist in relation to the Heritage Place or Object.

A current Certificate of Title for the Heritage Place **must** be provided. **TO BE CONSIDERED 'CURRENT' THE CERTIFICATE OF TITLE SUPPLIED MUST BE DATED WITHIN 30 DAYS OF THE DATE THAT THE APPLICATION IS LODGED.** Current Certificates of Titles can be obtained online from: [www.land.vic.gov.au](http://www.land.vic.gov.au) or from the Land Information Centre located on the 10<sup>th</sup> floor, 570 Bourke Street, Melbourne. Office hours are 8:30am to 4:00pm. Phone (03) 8636 2456.

The applicant **must** disclose whether a Cultural Heritage Management Plan (CHMP) under the *Aboriginal Heritage Act* 2006 is required. If a CHMP is required, Heritage Victoria must not grant a permit until a CHMP has been approved (see section 52(1) of the *Aboriginal Heritage Act*). Under section 52(4) of the *Aboriginal Heritage Act*, the time required for Heritage Victoria to make a permit decision is deemed **not** to have commenced until a copy of an approved CHMP is provided.

Applicants can use the online tool developed by the Office of Aboriginal Affairs Victoria to determine whether a CHMP is required: [www.aav.nrms.net.au/aavQuestion1.aspx](http://www.aav.nrms.net.au/aavQuestion1.aspx). For further information on Cultural Heritage Management Plans and the *Aboriginal Heritage Act* see the Office of Aboriginal Affairs Victoria website at: [www.aboriginalaffairs.vic.gov.au](http://www.aboriginalaffairs.vic.gov.au) and the [General Practice Note: 'The Aboriginal Heritage Act 2006 and the planning permit process'](#) (note: this document is aimed at local government planning processes but applies equally to Heritage Victoria permit considerations).

#### APPLICANT AND OWNER DETAILS

Anyone can apply for a permit but the owner's consent must be provided either by signing the application form or by providing separate written consent (see separate leaflet *Owner Consent Form*). Applications which do not provide the owner's consent will not be accepted. The Owner who signs the declaration should be that person shown on the current certificate of title. It is the applicant's responsibility to ensure that any third party, such as tradesmen employed to undertake works or a consultant engaged to oversee works, are aware of the heritage status of the place and to ensure that any works are undertaken strictly in accordance with a permit.

Where a company owns the Heritage Place, it is a legal requirement that a director of the company provides the owner consent. These details may be verified through the Australian Securities & Investments Commission (ASIC).

Where the Heritage Place is owned by the Government, only a person with a delegation to sign on behalf of the relevant Government department is legally able to provide the owner consent. Alternatively a Committee of Management may have been delegated responsibility for the management of the heritage place. In this case a member of the Committee of Management may provide the owner consent. These details may be verified via the request for a copy of the relevant delegation.

## Attachment 2 - OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC RECOMMENDATIONS

Where the applicant is a company or a government department or a committee of management, full details are to be supplied together with the name of the person who will oversee the works on behalf of the company or government department.

### CONTACT PERSON DETAILS

This section should be completed in instances where the permit applicant has engaged a third party agent to either:

1. compile the supporting information for the Application; or
2. ensure that works allowed by any permit will be completed in accordance with the permit.

Typically these may include heritage consultants, heritage architects or an appropriately qualified builder. Any person nominated at Part C will, in most instances, be the person Heritage Victoria will consider as the primary contact for all future queries related to the permit application or the future works. **Any person or company nominated in this section will also be considered to be the agent of the applicant.**

Any works undertaken or overseen by them will be viewed as works undertaken by the applicant. It is the applicant's responsibility to ensure that all works are undertaken with a permit. **Any** person who does works not in accordance with a permit faces prosecution.

### DESCRIPTION OF THE WORKS AND SUPPORTING DOCUMENTATION

A brief summary of the proposed works **must** be supplied. The summary is to provide a general overview of what works are proposed. Please do not write 'see attached' or similar comment in lieu of a summary.

In addition to the summary, permit applicants are required to enclose with their application **full details** of the proposed works, including a detailed project description. **This information is the most important information required to be supplied by the applicant. It is the applicant's responsibility to ensure that sufficient information is supplied so that the Executive Director and other parties are provided with a clear understanding of precisely what works are proposed and their scope.** Where insufficient detail is provided the "clock will be stopped" and no permit will be granted until additional required information is provided.

The following items **must** be provided with your permit application before Heritage Victoria can commence assessment of the application. It is possible that some applications will traverse more than one category:

#### **Permit application for development of new buildings at a heritage place and extensions, alterations or additions to a heritage building(s).**

- Existing and proposed site plans
- Existing and proposed floor plans
- Existing and proposed elevations
- Heritage Impact Statement
- Materials and colour schedule
- All plans to be in A3 or A4

Major applications may also require photo montages and a site plan showing the extent of heritage registration overlaid.



## **Attachment 2 - OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC RECOMMENDATIONS**

### **Permit application for landscape works**

- Existing conditions plan
- Proposed landscape plan(s)
- Heritage Impact Statement
- Tree reports if tree removal proposed
- All plans to be in A3 or A4

### **Permit application for subdivision/consolidation**

- Existing lot arrangement/site plan
- Subdivision plan prepared by a licensed surveyor showing existing heritage buildings and extent of heritage registration overlaid
- Heritage Impact Statement

### **Painting a heritage registered building**

- Sketch or elevation showing component colours (eg roof, walls gutters, downpipes etc)
- Colour chips of proposed colours
- Rationale for proposed colour scheme
- Job specification setting out details of preparatory work

### **Re-roofing works**

- Details of existing roofing materials
- Schedule of proposed roofing materials
- Rationale for proposed materials if different from existing
- Roof plans-existing and proposed
- Job specification setting out work methods

### **Signage**

- Plans showing any existing signage
- Plans showing proposed signage including retention of existing
- Specifications of signs including form, dimensions, materials and whether illuminated
- Details of how signs will be affixed to a heritage building or structure

**Note: where proposed activities may affect any historical archaeological values of the place, the Heritage Impact Statement must include an archaeology assessment.**

**Where a permit application is not emailed, one completed copy of all supporting documentation** is required for referral and administrative purposes. The plans supplied must be in A3 or A4 suitable for photocopying. Where possible electronic copies would be encouraged.

### **FURTHER CLARIFICATION REGARDING THE REQUIRED DOCUMENTATION**

Photographs which document the current condition of the place and show the locations of the proposed works are always useful. The photographs should clearly show any parts of the place which will be altered as a result of the proposed work.

Where structural changes are proposed, drawings and or plans (shown to scale, preferably 1:100) which show the existing condition of the place must be provided and contrasted against plans detailing the proposed works. Any plans submitted should, as relevant, clearly show existing external and interior features such as fireplaces, panelling, staircases, decorative ironwork etc.

## **Attachment 2 - OBLIGATIONS OF OWNERS OF HERITAGE PLACES RELATED TO ED HERITAGE VIC RECOMMENDATIONS**

Where it is proposed to alter the existing condition of the property, such as repainting or replastering, full details of any proposed materials and finishes must be provided and contrasted against the existing conditions.

For proposed works to gardens and landscapes, an existing scale plan of the garden and landscape is to be provided and contrasted against a plan detailing all proposed changes. Full details of any proposed landscaping, including type and location of plants and the type of ground surface treatment, is to be provided.

A *Heritage Impact Statement* details what impact the proposed works will have on the cultural heritage significance of the place, describes any conservation works, and provides an assessment of the impact of the works on neighbouring places. Guidelines for compiling a *Heritage Impact Statement* are available from Heritage Victoria. Please contact Heritage Victoria or visit: [www.heritage.vic.gov.au](http://www.heritage.vic.gov.au)

If relevant, you have the opportunity to provide a detailed report demonstrating the extent to which the application, if refused, would affect the reasonable or economic use of the place or cause undue financial hardship to the owner of the place.

To expedite the processing of permit applications, it is strongly recommended that applicants consider having relevant support documentation produced by an appropriate professional. Heritage Victoria can assist by providing contact details for persons with recognised expertise in the area of heritage conservation. Relevant details are also available at [www.heritage.vic.gov.au](http://www.heritage.vic.gov.au)

Applicants should also provide time lines for the project and completion dates. This information will ensure that, should a permit be granted, the permit can be tailored to operate within reasonable timeframes.

### **WORKS TO COMMON PROPERTY**

Where applications involve works to Common Property (as defined under the *Subdivision Act 1988*), the written consent of the Chair of the Body Corporate is required to be attached to the Permit Application. It is the Applicant's responsibility to ensure that all necessary enquiries are made and any required consent obtained.

### **COST OF WORKS & PAYMENT OF FEE**

The permit application form requires you to provide an accurate estimate of the total cost of the proposed works. This estimate is to be determined at commercial rates. Verification by Heritage Victoria may be requested as to sufficiency of the estimate prior to the issue of a permit. The Heritage Regulations 2017 specify the fee amount payable for works. A fee, or part thereof, may be waived in certain circumstances. Please refer to the associated brochure [\*Permit Application Fees for Works and Activities to Registered Places or Objects\*](#) which is available online at or at the offices of Heritage.

### 11.3 Proposed Discontinuance of Roads abutting 53-77 Burnley Street, Richmond

Reference: D20/73183  
 Authoriser: Director Corporate, Business and Finance

#### Purpose

1. For Council to re-consider its resolution of the 17 March 2020. A copy of the original report is provided below for information. The reasons for the re-consideration are listed in paragraphs 42-48 of the report.

#### **Beginning of Report from 17 March Meeting**

2. *This report seeks Council's authority to remove the roads abutting 53-77 Burnley Street, Richmond (Roads) from Council's Register of Public Roads pursuant to section 17(4) of the Road Management Act 2004 (RMA) and commence statutory procedures pursuant to the Local Government Act 1989 (Act), to consider discontinuing the Roads.*

#### **Background**

3. *The Roads are comprised of the whole of the land contained in Conveyance Book 227 No. 672 and shown as lot 1 on the title plan attached as **Attachment One** to this report (Burnley Street Road) and shown as the area highlighted purple on the plan attached as **Attachment Two** to this report (Site Plan) and part of the land contained in certificate of title volume 9214 folio 439 and shown as lot 1 on the title plan attached as **Attachment Three** to this report (Doonside Street Road) and shown as the area highlighted red on the Site Plan.*
4. *Vicinity Manager Pty Ltd (Owner) is the registered proprietor of all the properties which abut the Roads, shown delineated blue on the Site Plan, and being, 620 Victoria Street, 53 Burnley Street, 61 Burnley Street, 65 Burnley Street, 67 Burnley Street, 77-79 Burnley Street, and 1-9 Doonside Street, together the (Owner's Properties).*
5. *The ownership structure of the Owner is as follows:*
  - (a) *the Owner is the trustee of the Victoria Gardens Retail Trust;*
  - (b) *the unit holders (in equal shares) are the Victoria Gardens Trust No. 1 and the Victoria Gardens Trust No. 2;*
  - (c) *both the Victoria Gardens Trust No.1 and the Victoria Gardens Trust No. 2 are held equally by Vicinity Centres Trust and the Victoria Gardens Property Trust;*
  - (d) *Vicinity Centres Trust is part of the publicly listed Vicinity limited; and*
  - (e) *the sole beneficiary of the Victoria Gardens Property Trust is Taras Nomines Pty Ltd, which is ultimately owned by Salvatore (Sam) John Tarascio.*
6. *The Owner has requested that Council discontinue the Roads and sell the Roads to the Owner (Proposal).*
7. *The Owner has agreed to pay Council's costs and disbursements associated with proposed discontinuance of the Roads, together with the market value of the roads, as determined by the Act, for the transfer of the discontinued Roads to the Owner.*

#### Road Status

8. *The Burnley Street Road is:*
  - (a) *known to title as a 'road' and is registered in the name of John Cornish dated 14 March 1873;*
  - (b) *constructed of concrete;*
  - (c) *partially obstructed by a chain; and*

(d) *listed on Council's register of Public Roads.*

9. *The Doonside Street Road is:*

- (a) *known to title as a 'road' and is registered in the name of Finklands Nominees Pty Ltd dated 31 March 1981;*
- (b) *constructed in bitumen and gravel;*
- (c) *partially obstructed by a gate approximately 35 metres from its entrance at Doonside Street; and*
- (d) *listed on Council's register of Public Roads.*

10. *The Roads are 'roads' for the purposes of the Act. Council has the power to consider discontinuing the Roads. If discontinued the Roads will vest in Council.*

11. *A copy of the original subdivision showing the Roads is attached as **Attachment Four** to this report.*

12. *Site Inspections of the Roads were conducted by Veris Australia Pty Ltd on 10 December 2019.*

*Site Inspection*

13. *The site inspection report for the Burnley Street Road notes that:*

- (a) *the Burnley Street Road is constructed in concrete;*
- (b) *access to the Burnley Street Road from Burnley Street is obstructed by a metal chain across the entrance to the Burnley Street Road; and*
- (c) *the Burnley Street Road only provides access to the Owner's Property at 53 Burnley Street.*

14. *The site inspection report for the Doonside Street Road notes that:*

- (a) *the Doonside Street Road is constructed in bitumen and gravel;*
- (b) *access to the Doonside Street, Road from Doonside Street is obstructed by a gate approximately 35 metres from the entrance to the Doonside Street road.*
- (c) *the Doonside Street, Road only provides access to 53, 61, 65, 67 and 77-79 Burnley Street; and*
- (d) *the Doonside Street, Road is not required for public use on the basis that the Owner owns all adjoining properties.*

15. *Copies of the site inspection reports are attached as **Attachments Five and Six** to this report.*

*Removal of Roads from Council's Register of Public Roads*

16. *It is considered that the Burnley Street, Road is no longer reasonably required for general public use pursuant to section 17(4) of the RMA as the Burnley Street, Road:*

- (a) *only provides access to the rear of the Owner's Property at 53 Burnley Street;*
- (b) *is not available for vehicular access by the public due to a chain obstructing its entrance from Burnley Street; and*
- (c) *is a dead end and does not provide any public access to any other public road as a thoroughfare.*

17. *It is considered that the Doonside Street, Road is no longer reasonably required for general public use pursuant to section 17(4) of the RMA as the Doonside Street, Road:*

- (a) *only provides access to the Owner's Properties at 1-9 Doonside Street and 53, 61, 65, 67 and 77-79 Burnley Street; and*

- (b) *does not provide public access to any other public road as a thoroughfare as the Doonside Street, Road is obstructed by a gate approximately 35 metres from its entrance.*

Adjoining Owners

- 18. *There are no Adjoining Owners as the Owner is the owner of all properties abutting the Roads.*

Statutory/Public Authorities

- 19. *The following Statutory/Public Authorities have been advised of the Proposal and have been asked to respond to the question of whether they have any existing assets in the Roads which should be saved under section 207C of the Act: City West Water, Melbourne Water, CitiPower, United Energy, Multinet Gas, Telstra, Optus, APA Gas, AusNet Services; and Yarra City Council.*
- 20. *Council, Ausnet Services, Melbourne Water, CitiPower, United Energy, Multinet Gas and Optus have advised that they have no assets in or above the Roads and no objection to the Proposal.*
- 21. *APA Gas responded on three occasions, firstly they advised that it objected to the discontinuance and sale of the Doonside Street, Road only, on the basis that it has gas main infrastructure located within the Road, APA Gas then advised that it no longer objected to the proposal provided that an easement was created in its favour on the title plan for the Doonside Street Road. Finally, APA Gas advised that the gas infrastructure located within the Doonside Street, Road had been abandoned and that it no longer requires an easement.*
- 22. *City West Water advised that it has sewer assets in both Roads. However, did not object to the Proposal subject to the following conditions:*
  - (a) *a 2 metre wide sewerage easement is created over the sewer main located in the Roads in favour of City West Water;*
  - (b) *any proposed fences must be located a minimum distance of 800mm clear of the centreline of the existing sewer mains;*
  - (c) *any proposed fence lines must be located a minimum of 1 metre from sewer manholes and/or inspection shafts; and*
  - (d) *any proposal to build over City West Water assets requires City West Water's prior written consent.*
- 23. *Telstra advised that it has assets located in the vicinity of the Roads, and no objection to the Proposal, provided that the Owner, calls Dial-Before-You-Dig for a detailed site plan to establish the exact location of Telstra assets and pays Telstra's costs for any relocation of Telstra's assets.*

Public Notice

- 24. *Before proceeding with the discontinuance, Council must give public notice of the Proposal in accordance with section 223 of the Act. The Act provides that a person may, within 28 days of the date of publication of the public notice, lodge a written submission regarding the Proposal.*
- 25. *Where a person has made a written submission to Council requesting that he or she be heard in support of the written submission, Council must permit that person to be heard before a meeting of Council and give a reasonable notice of the day, time and place of the meeting.*
- 26. *After hearing any submissions made, Council must determine whether the Roads are not reasonably required as roads for public use, in order to decide whether the Roads should be discontinued.*

**External Consultation**

- 27. *No external consultation is required for this report.*



**Internal Consultation (One Yarra)**

28. *No internal consultation is required for this report.*

**Financial Implications**

29. *The Owner/Applicant has agreed to acquire the Roads for their market value (plus GST) as determined by the Act.*
30. *In addition to the market value (plus GST) the Owner/Applicant has agreed to pay Council's costs and disbursements associated with the Proposal.*

**Economic Implications**

31. *There are no economic implications arising from this report.*

**Sustainability Implications**

32. *There are no sustainability implications arising from this report.*

**Climate Emergency Implications**

33. *There are no climate emergency implications arising from this report.*

**Social Implications**

34. *There are no social implications arising from this report.*

**Human Rights Implications**

35. *There are no human rights issues arising from this report.*

**Communications with CALD Communities Implications**

36. *All notices and correspondence issued in respect of this Proposal will contain a reference to National Relay Service.*

**Council Plan, Strategy and Policy Implications**

37. *There are no Council Plan, Strategy or Policy implications.*

**Legal Implications**

38. *There are no legal implications for this report.*

**Other Issues**

39. *There are no other issues.*

**Options**

40. *There are no options associated with this report*

**Conclusion**

41. *It is proposed that Council, pursuant to sect 17(4) of the RMA, commences the process necessary to remove the Roads from Council's Register of Public Roads and also commences the statutory procedures pursuant to clause 3 of Schedule 10 of the Act to discontinue the Roads and transfer the discontinued Roads to the Owner/Applicant.*

**End of Report from 17 March Meeting**

**Reasons**

42. *Road discontinuances are procedural and must fulfil the requirements of the Road Management Act 2004 and the Local Government Act 1989.*
43. *Council's Lawyers Maddocks have advised that the amendment to the original resolution does not meet the procedural requirements.*
44. *Part 1 of the original resolution was as follows:*

*That Council, acting under section 17(4) of the Road Management Act 2004, resolves that the roads abutting 53-77 Burnley Street, Richmond (**Roads**), being:*

- (a) *The whole of the land contained in Conveyance Book 227 No.672 (shown as the area highlighted purple on the plan attached as Attachment 2 to this report (**Site Plan**)); and*
- (b) *Part of the land contained in certificate of title volume 9214 folio 439 shown as area highlighted red on the Site Plan,*

*be removed from Council's Register of Public Roads on the basis that the Roads are no longer required for general public use for the reasons set out in the body of the report.*

- 45. The last paragraph was amended by Councillors and states as follows:  
*are no longer required for general public use for the reasons set out in the body of the report and it intends that they be removed from Council's Register of Public Roads.*
- 46. The 2017 judgment in Pulitano Pastoral Pty Ltd v Mansfield Shire Council set out the procedural requirements for road discontinuances. The case provides that Councils can only consider the discontinuance of roads once they are no longer public roads, (that is, once they have been removed from Council's register of public roads). If Council resolves that the roads are no longer reasonably required for public use, it must now remove the roads from its register in accordance with section 17(4) of the Road Management Act 2004, and cannot defer this action until after considering public notice submissions.
- 47. Council cannot "intend" to remove the road, it "must" remove the Road.
- 48. If Council after considering submissions lodged pursuant to section 223 (Public Notice) of The Local Government Act 1989 determines that the Roads should not be discontinued, Council must then re-add the Roads to its Register of Public Roads.
- 49. It is proposed that Council resolve in accordance with the recommendation set out below, which has the effect of replacing the previous resolution in this matter. As Council's advice is that the previous motion could not be lawfully acted upon, it has been set aside and its formal rescission is not required.

## RECOMMENDATION

- 1. That Council, acting under section 17(4) of the Road Management Act 2004, resolves that the roads abutting 53-77 Burnley Street, Richmond (**Roads**), being:
  - (a) the whole of the land contained in Conveyance Book 227 No. 672 (shown as the area highlighted purple on the plan attached as Attachment 2 to this report (**Site Plan**)); and
  - (b) part of the land contained in certificate of title volume 9214 folio 439 shown as the area highlighted red on the Site plan.

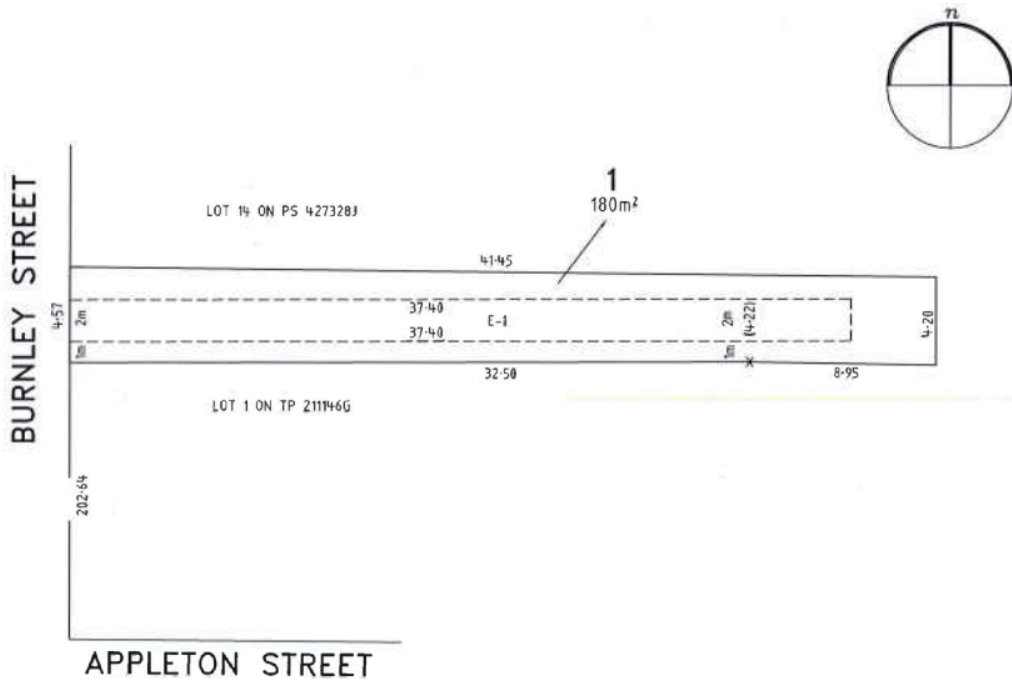
be removed from Council's Register of Public Roads on the basis that the Roads are no longer required for general public use for the reasons set out in the body of the report.
- 2. That Council, acting under clause 3 of Schedule 10 of the Local Government Act 1989.
  - (a) resolves that the required statutory procedures be commenced to discontinue the Roads;
  - (b) directs that under sections 207A and 223 of the Act, Public Notice of the proposed discontinuance be given in the Age, the Weekly Review Melbourne Times Newspapers, Council's social media and displayed onsite;
  - (c) resolves that the public notice required to be given under sections 207A and 223 of the Local Government act 1989 should state that if the Roads are discontinued, Council proposes to sell the Roads to the adjoining owner for market value plus (GST) as determined by the Act; and
  - (d) authorises the Valuations Co-ordinator to undertake the administrative procedures necessary to enable Council to carry out its functions under section 223 of the Local Government Act 1989 in relation to this matter.

**CONTACT OFFICER:** Bill Graham  
**TITLE:** Coordinator Valuations  
**TEL:** 9205 5270

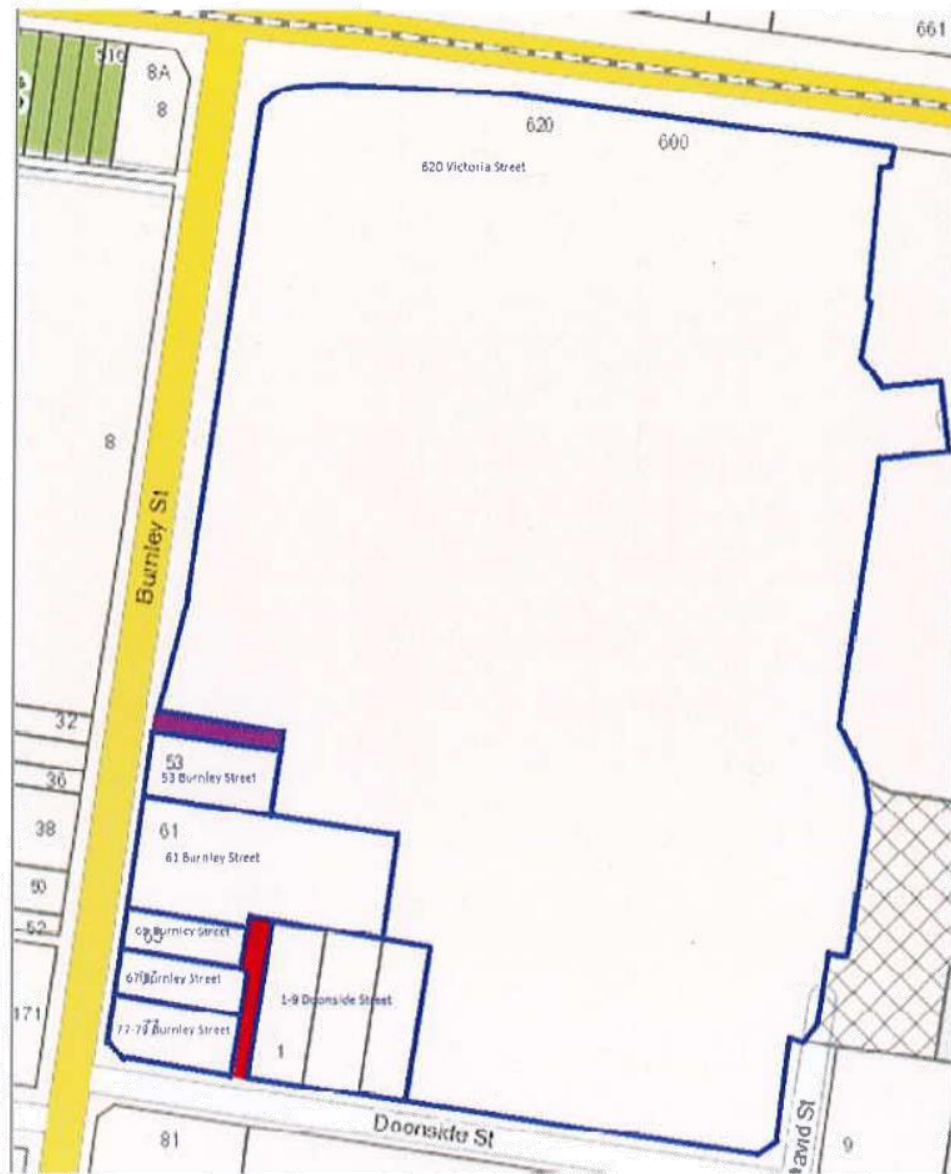
**Attachments**

- 1 [!\[\]\(0551a83d441798e532995956b603f604\_img.jpg\)](#) Burnley Street Road
- 2 [!\[\]\(54ee180c0037b66a36ce2219a481afde\_img.jpg\)](#) Site Plan
- 3 [!\[\]\(73ae654e8897db9b21f1bf9d9efc07ef\_img.jpg\)](#) Doonside Street Road
- 4 [!\[\]\(278ecf8622de254ce2917d264729f4b0\_img.jpg\)](#) Original Subdivision Plan
- 5 [!\[\]\(3b5d74d5eba68301b1a5c22417b6b52c\_img.jpg\)](#) Burnley Street Site Inspection Report
- 6 [!\[\]\(95826e66cf958c3135662f918c38faf5\_img.jpg\)](#) Doonside Street Site Inspection Report

## Attachment 1 - Burnley Street Road

TITLE PLAN		EDITION	TP
<p><b>LOCATION OF LAND</b></p> <p>PARISH: JIKA JIKA AT RICHMOND</p> <p>SECTION: -</p> <p>CROWN ALLOTMENT: -</p> <p>CROWN PORTION: 42 part</p> <p>TITLE REFERENCE: BOOK 227 No. 672 (PART)</p> <p>LAST PLAN REFERENCE: APPN 40012</p> <p>MGA 94 CO-ORDINATES: E 324 810 ZONE: 55 (approx. centre of land in plan) N 5 813 010</p> <p>DEPTH LIMITATION DOES NOT APPLY</p>		<p><b>NOTATIONS</b></p> <p>THIS PLAN HAS BEEN PREPARED BY VERIS FOR LAND VICTORIA FOR TITLE DIAGRAM PURPOSES.</p>	
<b>EASEMENT INFORMATION</b>			
SUBJECT LAND	PURPOSE	WIDTH (metres)	ORIGIN
E-1	AS PROVIDED FOR IN SEC 207C LGA 1989	SEE DIAG	SEC 207C LGA 1989
		LAND BENEFITED/IN FAVOUR OF	
		CITY WEST WATER CORPORATION	
			
<p>DATE 11/12/19 REFERENCE 32197003</p> <p>VERSION B DRAWING 3219700AB</p>		<p>LICENSED SURVEYOR ANDREI FIJAN</p> <p>CERTIFICATION BY SURVEYOR</p>	
<p>SCALE 1:200</p> <p>2 0 4 8</p> <p>LENGTHS ARE IN METRES</p>		<p>ORIGINAL SHEET SIZE A3</p> <p>SHEET 1 OF 1 SHEETS</p>	
<p>Level 3, 1 Southbank Boulevard Southbank, Victoria 3006 03) 7019 8400</p> <p>DEVELOP WITH CONFIDENCE™ <i>Bosco Jonson</i></p> <p>www.veris.com.au</p> <p>Formerly <i>veris</i></p>			

## Attachment 2 - Site Plan





## Attachment 3 - Doonside Street Road

TITLE PLAN		EDITION		TP	
<b>Location of Land</b> Parish: JIKA JIKA AT RICHMOND Section: - Crown Allotment: - Crown Portion: 42 PART  Last Plan Reference: LOT R2 ON LP 13552 Title Reference:  MGA 94 Co-ordinates E 324 900      Zone: 55 (of approx. centre of land in plan)      N 5 812 950 Depth Limitation: DOES NOT APPLY				<b>Notations</b>	
Easement Information					THIS PLAN HAS BEEN PREPARED BY BOSCO JONSON PTY LTD FOR LAND VICTORIA FOR TITLE DIAGRAM PURPOSES.  CHECKED BY..... DATE:      /      / ASSISTANT REGISTRAR OF TITLES
Easement References	Purpose/Authority	Width (Metres)	Origin	Land benefited/in favour of	
I, ANDREI FIJAM, of 16 Eastern Road South Melbourne, certify that this plan correctly represents the information obtained by me from the sources indicated on this plan.  LICENSED SURVEYOR, DIGITALLY SIGNED      DATE		SURVEYORS REF. DATE 27/11/17 DWG 3219700CA REF 32197003		SCALE 3      0      6      12 LENGTHS ARE IN METRES SCALE 1:300	
SHEET 1 OF 1				SHEET SIZE A3	

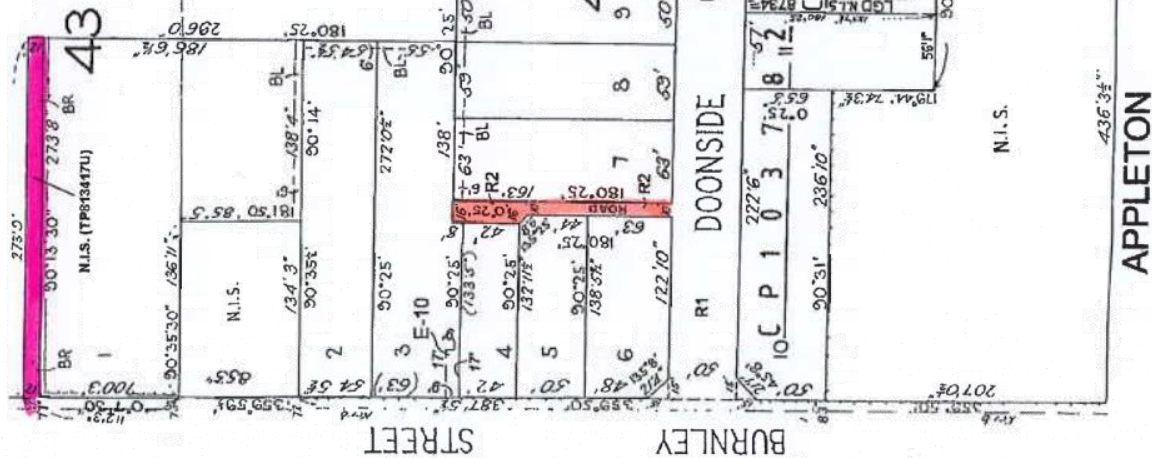
Attachment 4 - Original Subdivision Plan

Delivered by LANDATA®, Land Use Victoria timestamp 09/09/2019 13:11 Page 1 of 4  
 © State of Victoria. This publication is copyright. No part may be reproduced by any process except in accordance with the provisions of the Copyright Act and for the purposes of Section 32 of the Sale of Land Act 1962 or pursuant to a written agreement. The information is only valid at the time and in the form obtained from the LANDATA® System. The State of Victoria accepts no responsibility for any subsequent release, publication or reproduction of the information.

**LP 13552**  
**EDITION 10**  
 PLAN MAY BE LODGED 23-9-1931  
**COLOUR CODE**  
 BL-BLUE  
 BK-BROWN  
 GR-GREEN  
 Y-YELLOW  
 R-RED  
 CH-CROSS HATCH

**PLAN OF SUBDIVISION SHEET 1 of 2**  
**OF PART OF CROWN PORTIONS 42 & 43**  
**PARISH OF JIKA JIKA**  
**COUNTY OF BOURKE**

VOL. 5755 FOL. 841  
**Measurements are in Feet & Inches**  
 Conversion Factor  
 FEET X 0.3048 = METRES



**APPROPRIATIONS**  
 THE LAND COLOURED BROWN + BROWN HATCHED GREEN IS APPROPRIATED OR SET APART FOR ROADS

**THE LAND COLOURED BLUE, GREEN & PURPLE IS APPROPRIATED OR SET APART FOR EASEMENTS OF DRAINAGE AND SEWERAGE**  
 Land SIMKO E-1 is appropriated or set apart for drainage purposes.

**ENCUMBRANCES**  
 E-2 & E-4 - Party Wall Easement in favour of Lot 29 on this Plan created by AD331733K  
 E-3 & E-5 - Party Wall Easement in favour of Lot 28 on this Plan created by AD331733K  
 E-6 & E-7 - Party Wall Easement in favour of Lot 30 on this Plan created by AD543965J  
 E-8 & E-9 - Party Wall Easement in favour of Lot 29 on this Plan created by AD543965J  
 E-10 - Carriageway Easement in favour of Lot 4 created by Inst. 2815434  
 R1 - THE RIGHTS OF THE PUBLIC to use the said Land as a PUBLIC HIGHWAY and the RIGHT OF CARRIAGEWAY created in TR. 1528654

**NOTATIONS**  
 LOTS 21 & 22 ARE OMITTED

**APPURTENANCES**  
 THE LAND HATCHED GREEN OVER BROWN IS APPURTENANT TO PART ONLY OF THE LAND IN SUBDIVISION

## Attachment 5 - Burnley Street Site Inspection Report

Maddocks

Ref: MAN:JKOZ:7976096

Maddocks  
Lawyers  
Collins Square, Tower Two  
Level 25, 727 Collins Street  
MELBOURNE 3000

BURNLEY STREET  
ROAD.

Yarra City Council

Proposed discontinuance and sale of roads abutting 53-77 Burnley Street, Richmond

LANEWAY OFF BURNLEY STREET

DATE OF INSPECTION:

10 / 12 / 2019

PHOTOGRAPHS OF THE ROAD: Attached at Annexure A

IS THE ROAD OPEN AND AVAILABLE FOR USE BY THE PUBLIC? Yes ☒ No ☐

WHAT OBSTRUCTIONS ARE OVER OR IN THE ROAD?

Fencing	<input type="checkbox"/> Yes <input type="checkbox"/> No	Vegetation*	<input type="checkbox"/> Yes <input type="checkbox"/> No
Rubbish	<input type="checkbox"/> Yes <input type="checkbox"/> No	Services*#	<input type="checkbox"/> Yes <input type="checkbox"/> No
Other*	<input type="checkbox"/> Yes <input type="checkbox"/> No	(# Including fire hydrants/plugs.)	

\* Provide Details:

METAL CURB PREVENTING ACCESS

THE MATERIAL WITH WHICH THE ROAD IS CONSTRUCTED:

<input type="checkbox"/> Nil	<input type="checkbox"/> Bitumen
<input type="checkbox"/> Bluestone	<input checked="" type="checkbox"/> Other <u>CONCRETE</u>

EVIDENCE OF THE ROAD BEING USED:

<input type="checkbox"/> Nil	<input type="checkbox"/> Gates opening onto the road
<input type="checkbox"/> Tyre marks	<input type="checkbox"/> Garages opening onto the road
<input type="checkbox"/> Worn grass	<input type="checkbox"/> Other _____

TYPE OF TRAFFIC:

<input checked="" type="checkbox"/> Pedestrian	<input checked="" type="checkbox"/> Vehicular	<input type="checkbox"/> Animal	<input type="checkbox"/> Nil
--	---	---------------------------------	------------------------------

WHAT IS THE ROAD PROVIDING ACCESS TO?

<input type="checkbox"/> Adjoining properties @	<input type="checkbox"/> Reserve/Park
<input type="checkbox"/> Main Road	<input type="checkbox"/> Shops

[7976096: 25596232\_1]

# Attachment 5 - Burnley Street Site Inspection Report



Maddocks

☒ Other \_\_\_\_\_

@ Specify which properties Access to rear of properties  
9 53-55 Burnley Street.

DETAILS OF OTHER SUITABLE MEANS OF ACCESS NEARBY.

N/A

DETAILS OF FENCES, BUILDINGS AND/OR LANDSCAPING PLACED ON OR OVER ANY PORTION OF THE ROAD BY ABUTTING PROPERTY OWNERS, AND THE EXTENT OF SUCH ENCROACHMENT.

N/A CHAN AT BURNLEY STREET

IS THE ROAD REQUIRED FOR PUBLIC ACCESS?  
OTHER OBSERVATIONS:

Yes ☐ No ☒

Signed: [Signature] ANDRE FIDAL Date: 10/12/19

Title/Position: LICENCED SURVEYOR Company: VERIS ASSOCIATES

ATTACH ADDITIONAL PAGES IF THERE IS NOT ENOUGH SPACE ON THIS FORM

1/1



**Attachment 5 - Burnley Street Site Inspection Report**





## Attachment 6 - Doonside Street Site Inspection Report



Maddocks

Ref: MAN:JKOZ:7976096

DOONSIDE STREET  
ROAD.Maddocks  
Lawyers  
Collins Square, Tower Two  
Level 25, 727 Collins Street  
MELBOURNE 3000

Yarra City Council

Proposed discontinuance and sale of roads abutting 53-77 Burnley Street, Richmond

LANEWAY OFF DOONSIDE

DATE OF INSPECTION:

10 / 12 / 2019

PHOTOGRAPHS OF THE ROAD: Attached at Annexure A

IS THE ROAD OPEN AND AVAILABLE FOR USE BY THE PUBLIC? Yes ☒ No ☐

WHAT OBSTRUCTIONS ARE OVER OR IN THE ROAD?

Fencing	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Vegetation*	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Rubbish	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Services*#	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other*	<input type="checkbox"/> Yes	<input type="checkbox"/> No	(# Including fire hydrants/plugs.)		

\* Provide Details:

THE MATERIAL WITH WHICH THE ROAD IS CONSTRUCTED:

<input type="checkbox"/> Nil	<input checked="" type="checkbox"/> Bitumen
<input type="checkbox"/> Bluestone	<input checked="" type="checkbox"/> Other <u>GRAVEL</u>

EVIDENCE OF THE ROAD BEING USED:

<input type="checkbox"/> Nil	<input type="checkbox"/> Gates opening onto the road
<input checked="" type="checkbox"/> Tyre marks	<input type="checkbox"/> Garages opening onto the road
<input checked="" type="checkbox"/> Worn grass	<input type="checkbox"/> Other _____

TYPE OF TRAFFIC:

<input checked="" type="checkbox"/> Pedestrian	<input checked="" type="checkbox"/> Vehicular	<input type="checkbox"/> Animal	<input type="checkbox"/> Nil
--	---	---------------------------------	------------------------------

WHAT IS THE ROAD PROVIDING ACCESS TO?

<input checked="" type="checkbox"/> Adjoining properties @	<input type="checkbox"/> Reserve/Park
<input type="checkbox"/> Main Road	<input type="checkbox"/> Shops

[7976096: 25596232\_1]

## Attachment 6 - Doonside Street Site Inspection Report



Maddocks

☐ Other \_\_\_\_\_

@ Specify which properties 1 DOONSD. ST

63-79 BURNLEY STREET

DETAILS OF OTHER SUITABLE MEANS OF ACCESS NEARBY.

N/A.

DETAILS OF FENCES, BUILDINGS AND/OR LANDSCAPING PLACED ON OR OVER ANY PORTION OF THE ROAD BY ABUTTING PROPERTY OWNERS, AND THE EXTENT OF SUCH ENCROACHMENT.

THERE IS A GATE APPROX 3m IN THE LANEWAY

 IS THE ROAD REQUIRED FOR PUBLIC ACCESS?  
OTHER OBSERVATIONS:

Yes

☐ No

☒

OUR CLIENT OWNS ALL THE SURROUNDING PROPERTIES

Signed:

ANDREI FOM

Date:

10/12/19

Title/Position:

LICENSE SURRENDER

Company:

VELS INSURANCE

ATTACH ADDITIONAL PAGES IF THERE IS NOT ENOUGH SPACE ON THIS FORM

P/L

Attachment 6 - Doonside Street Site Inspection Report



## 11.4 Proposed Discontinuance of Road abutting 12-20 Victoria Crescent, Abbotsford

Reference: D20/70051

Authoriser: Director Corporate, Business and Finance

### Purpose

1. For Council to consider whether the road shown as lot 1 on the title plan attached as Attachment 1 (**Title Plan**) to this report, being part of the land contained in certificate of title volume 6260 folio 907 (**Road**), should be discontinued pursuant to the *Local Government Act 1989 (Act)* and sold to the Owners of 12-20 Victoria Crescent, Abbotsford.

### Background

2. The Road is shown as the area coloured red on the plan attached as Attachment 2 to this report (**Site Plan**). A copy of the title search of the Road is attached as Attachment 3 to this report.
3. CPG Office 1 Pty Ltd (**Owner**) is the registered proprietor of all of the Land which abuts the Road, being part of the property known as 12-20 Victoria Crescent, Abbotsford (**12-20 Victoria Crescent**) and shown delineated blue on the site plan, being the land contained in certificates of title: volume 5320 folio 892, volume 6152 folio 305 and volume 6176 folio 042, (together the **Owner's Properties**).
4. The Owner originally requested that Council discontinue and sell to it the whole of the land contained in certificate of title volume 6290 folio 907 (**Land**) being the land shown highlighted red and purple on the Site Plan (**Original Proposal**).
5. The land also abuts 32-68 Mollison Street, Abbotsford (**32-68 Mollison Street**), being the land contained in certificate of title volume 9022 folio 073, and shown delineated green on the Site Plan.
6. On 8 October 2019, council resolved to commence statutory procedures pursuant to the Act to consider discontinuing the Land.
7. The Owner subsequently revised the Original Proposal in response to submissions received from adjoining owners, and has requested that Council discontinue only that part of the land comprising the Road, (land coloured red), and sell the Road to the Owner (**Revised Proposal**).
8. The Owner has agreed to pay Council's costs and disbursements associated with the proposed discontinuance of the Road, together with the market value for the transfer of the discontinued Road to the Owner.
9. The Road is, registered in the name of the Owner, known to titles as lot 1 on title plan no. TP383523N, is encumbered by a carriageway easement and constructed of bitumen and encroached over in its entirety by a brick building and galvanised iron warehouse.
10. A carriageway easement is a right of way, which is a 'road' for the purposes of the Act, Council has statutory power to consider discontinuing the Road. If the Road is discontinued, the Road will vest in Council.
11. At its meeting on 4 February 2020, Council resolved to commence the statutory procedures and give notice pursuant to section 207A and 223 of the Act of its intention to discontinue and sell the Road to the Applicant.

### Discussion

#### Public Notice

12. The required Public Notice was placed in the Age and the Domain Melbourne Times on 19 February 2020, Council's Facebook page and Council's website.



13. Two copies of the public notice (large yellow notices) were placed on the buildings at 12-20 Victoria Crescent, one notice facing Victoria Crescent and the other facing the rear laneway.

#### **Adjoining Owners**

14. Adjoining owners were notified of the revised proposal by posting them a copy of the public notice on the 19 February 2020.
15. No submissions were received by Council from either the Public or the Adjoining Owners in response to the public notice – the closing date for submissions being 20 March 2020.
16. Access from the road to both 32-68 Mollison Street and 10A Victoria Street Abbotsford (**Adjoining Properties**) is not affected by the Revised Proposal.

#### **Public/Statutory Authorities**

17. The following Public/Statutory Authorities have been advised of the Proposal and have been asked to respond to the question of whether they have any exiting assets in the Road that should be saved under section 207C of the Act. City West Water, Melbourne Water, CitiPower, United Energy, Multinet Gas, Telstra, Optus, APA Gas Ausnet and Yarra City Council.
18. Yarra Council, Ausnet Services, Melbourne Water, CitiPower, United Energy, Multinet Gas, APA Gas have advised that they have no assets in or above the Road and no objection to the proposal.
19. Optus advised that it has no assets in or above the Land.
20. Telstra advised that it has no assets located within or above the land and no objection to the Original/Revised Proposal, provided the Owner calls dial before you dig prior to any construction activities in the vicinity of Telstra's communication plant and upon receipt of plans, obtains a Telstra accredited Asset Plant Locator to confirm the location of the plant.
21. The Revised Proposal does not require an easement in favour of City West Water.

#### **External Consultation**

22. Public Notice of the Revised Proposal was given according to Council's resolution of 4 February 2020.

#### **Internal Consultation (One Yarra)**

23. No internal consultation is required for this report.

#### **Financial Implications**

24. The Owner/Applicant has agreed to acquire the Road for its market value (Plus GST) as determined by the Act.
25. In addition to the market value (plus GST), the Owner/Applicant has agreed to pay Council's costs and disbursements associated with the proposal.

#### **Economic Implications**

26. There are no economic implications arising from this report.

#### **Sustainability Implications**

27. There are no sustainability implications arising from this report.

#### **Climate Emergency Implications**

28. There are no climate emergency implications arising from this report.

#### **Social Implications**

29. There are no social implications arising from this report

#### **Human Rights Implications**

30. There are no human rights implications arising from this report.



### **Communications with CALD Communities Implications**

31. All notices and correspondence issued in respect of this proposal will contain a reference to Yarralink Interpreter Services.

### **Council Plan, Strategy and Policy Implications**

32. There are no Council Plan, Strategy or policy implications.

### **Legal Implications**

33. There are no legal implications for this report.

### **Other Issues**

34. There are no other issues.

### **Options**

35. There are no options associated with this report

### **Conclusion**

36. Council must now determine whether the Road is reasonably required for public use in order to decide whether the Road should be discontinued and sold pursuant to clause 3 of Schedule 10 of the Act.
37. If the Road is discontinued and sold to the Owner, Council will require the Owner to consolidate the title to the former Road with the title to Owner's adjoining property within 6 months of the date of transfer of the Road to the Owner at the Owner's expense or include the former road in the plan of consolidation/subdivision to be lodged for 12-20 Victoria Crescent.

## **RECOMMENDATION**

1. That Council, acting under clause 3 of schedule 10 of the *Local Government Act 1989* (**Act**):
  - (a) resolves, having followed all the required statutory procedures pursuant to sections 207A and 223 of the Act pursuant to its power under clause 3 of Schedule 10 of the Act, and being of the opinion that the road abutting 12-20 Victoria Crescent, Abbotsford (shown marked lot 1 on the title plan attached Attachment 1 to this report (**Road**)) is not reasonably required for public use, to discontinue the Road;
  - (b) directs that, a notice pursuant to the provisions of clause 3(a) of Schedule 10 of the Act is to be published in Victoria Government Gazette;
  - (c) directs that, once discontinued, the Road be transferred to the adjoining owner of 12-20 Victoria Crescent, Abbotsford (Owner), for no less than the market value (plus GST) as determined by the Act;
  - (d) directs that the CEO sign any transfer or transfers of the Road and any other documents required to be signed in connection with the discontinuance of the Road and its subsequent transfer to the Owner;
  - (e) any easements, rights or interests required to be created or saved over the Road by any authority be done so and not be affected by the discontinuance and sale of the Road; and
  - (f) directs that the Owner be required to consolidate the title to the Road with the title to that part of the land located at 12-20 Victoria Crescent, Abbotsford and contained in certificate of title volume 6176 folio 402, by no later than 6 months after the date of transfer of the discontinued Road to the Owner or include the former Road in the plan of consolidation/subdivision to be lodged for 12-20 Victoria Crescent.

**CONTACT OFFICER:** Bill Graham  
**TITLE:** Coordinator Valuations  
**TEL:** 9205 5270

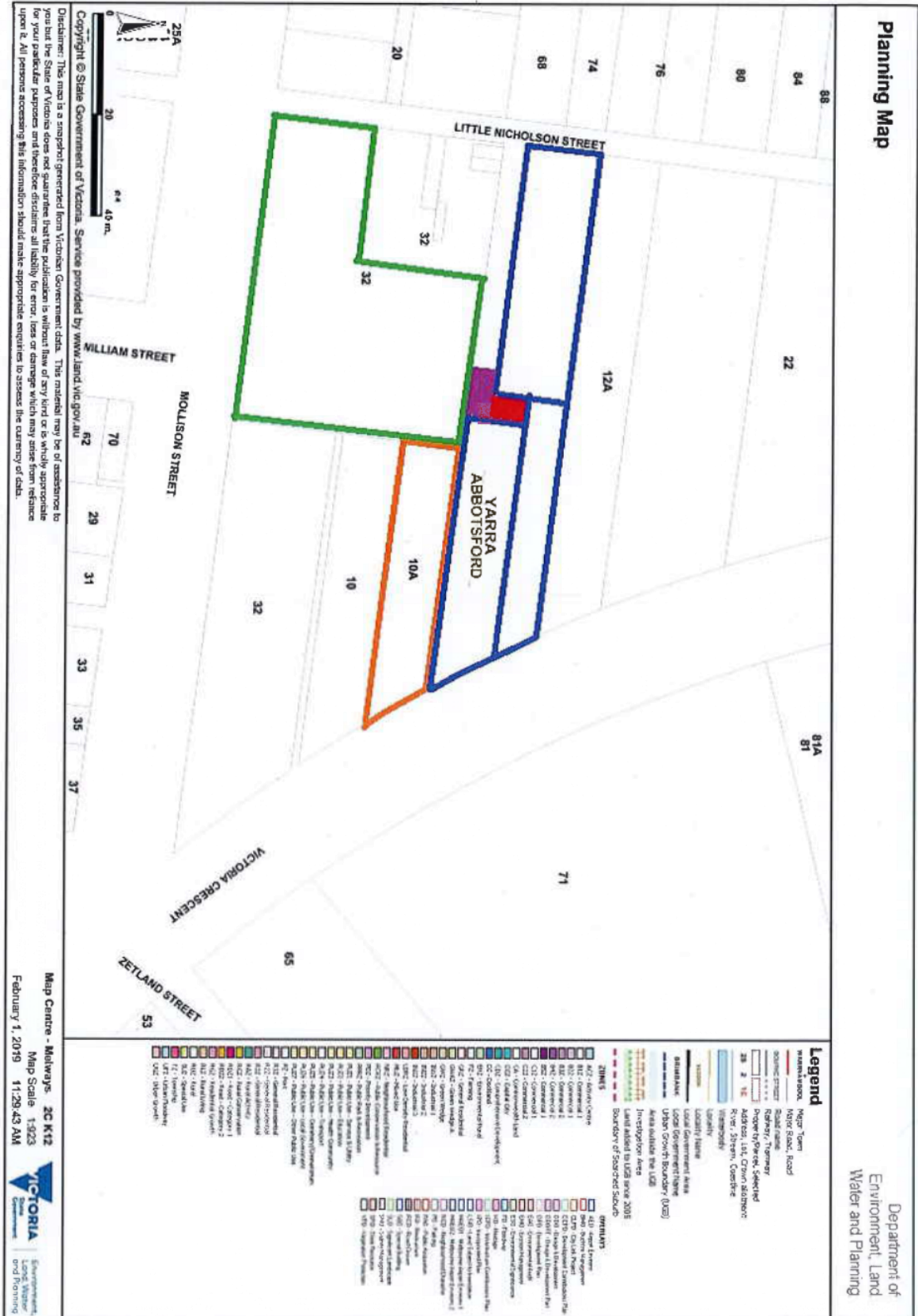
**Attachments**

- 1 [!\[\]\(31b03e46ee8a80a1f1467b8c03bd76e8\_img.jpg\)](#) Title Plan
- 2 [!\[\]\(7d9665ff04f9d2270c38081c6215a724\_img.jpg\)](#) Site Plan
- 3 [!\[\]\(7cea648fec4dfc1e99934873e9173b69\_img.jpg\)](#) Copy of Title

Attachment 1 - Title Plan

<b>TITLE PLAN</b>		<b>EDITION 1</b>		<b>TP</b>	
<b>Location of Land</b> Parish: JIKA JIKA Section: Crown Allotment: Crown Portion: 58 (PART) Last Plan Reference: Part of Lot 1 on TP383523N Title Reference : Vol.6260 Fol.907			<b>Notations</b> DEPTH LIMITATION DOES NOT APPLY		
<b>Easement Information</b>				THIS PLAN HAS BEEN PREPARED FOR THE LAND REGISTRY.  Checked by:  Assistant Registrar of Titles  Date	
LEGEND    A - Appurtenant Easement    E - Encumbering Easement    R - Encumbering Easement (Road)					
Easement Reference	Purpose	Width (Metres)	Origin		Land Benefited/In Favour of
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold;">LITTLE NICHOLSON STREET</div> <div style="text-align: center;"> </div> </div>					
ORIGINAL  SCALE    SHEET 1:100    SIZE A4		REF: 2019-107 VER.A Road Closure  <div style="border: 1px solid black; padding: 5px; text-align: center;"> </div> <p style="font-size: small;">                     PO Box 136, Lower Plenty 3093                      P: enquiries@dmlsurveys.com.au                      www.dmlsurveys.com.au                      M: 0422 745 285                      GDN 85 552 859 554 858 559 561 562                 </p>			

Attachment 2 - Site Plan



© State of Victoria. This publication is copyright. No part may be reproduced by any process except in accordance with the provisions of the Copyright Act and for the purposes of Section 32 of the Sale of Land Act 1962 or pursuant to a written agreement. The information is only valid at the time and in the form obtained from the LANDATA® System. The State of Victoria accepts no responsibility for any subsequent release, publication or reproduction of the information.

Yarra City Council – Ordinary Meeting of Council Agenda – Tuesday 5 May 2020



---

## 11.5 Finance Report - March 2020

---

Trim Record Number: D20/73334

Responsible Officer: Director Corporate, Business and Finance

### Purpose

1. To provide Councillors with the March 2020 Finance Report (including quarter 3 forecast review).
2. To provide Councillors with the end-of-year forecast position for the 2019/20 Budget.

### Background

3. Under the Local Government Act, Council is required to report on its financial results on a quarterly basis.
4. The March 2020 Finance report (including quarter 3 forecast review) is provided at **Attachment 1** for noting and discussion.
5. The March 2020 Capital Adjustments Running Table is provided at **Attachment 2** for noting.

### **Finance Report – March 2020 (Attachment 1)**

6. As at 31 March 2020 Council is favourable to YTD Budget by \$5.3m. This result is mostly due to timing differences in the following areas:
  - (a) higher YTD grants received of \$0.3m, mostly attributable to Operating grants of \$0.7m;
  - (b) higher YTD open space monetary contributions relating to developer contributions received; \$2.7m;
  - (c) higher YTD other income, mostly attributable to unbudgeted income from road discontinuances; \$2.4m; and
  - (d) lower YTD materials and services expenditure, mainly due to favourable legal, consultancy and contract payments to budget, \$2.2m.
7. These favourable outcomes are offset by unfavourable variances of:
  - (a) higher YTD employee costs attributable to higher than budgeted casual labour costs in recreation and leisure, and family, youth and children's services ; \$1.6m; and
  - (b) higher YTD bad and doubtful debts resulting from an increase in the doubtful debt percentage rate used, \$0.5m.

*It is important to note that not all of these favourable results translate to additional cash as most are restricted for future use.*

### **2019/20 Full year forecast – March 2020 (Attachment 1)**

8. The impact of COVID-19 on Council operations and financial performance has been assessed as part of the March 2020 full year forecast review. There has been a significant impact on Councils full year forecast when compared to the Mid-year budget review that was approved by Council in February.
9. As at 31 March 2020, from a forecast year-end position, Council is anticipating a full year operating result of \$10.4m, unfavourable to Adjusted Budget by \$0.3m. This result is due to:
  - (a) higher than budgeted grant income, attributable to higher than anticipated income in both aged services and children's services, as well capital grant income, \$2.1m;
  - (b) higher than budgeted open space monetary developer contributions; \$2.2m;
  - (c) higher than budgeted other income, mostly attributable to unbudgeted income from road discontinuances; \$1.8m; and

- (d) lower than budgeted materials and services costs of \$4.6m, mostly attributable to savings in legal costs, consultancy costs, and other contract payments as a result of the impact of COVID-19 on Councils services and operations.

10. These favourable outcomes are offset by:

- (a) lower than budgeted parking meter income and parking infringements issued as a result reduced parking traffic and relaxed parking restrictions stemming from the impact of COVID-19, \$3.7m;
- (b) lower than budgeted user fees received, attributable to the impact of COVID-19 on Council services including leisure, venues and events and childcare, \$5.6m; and
- (c) higher than budgeted bad and doubtful debts resulting from an increase in the doubtful debt percentage rate used, \$1.0m.

#### **External Consultation**

11. No external consultation was required.

#### **Internal Consultation (One Yarra)**

12. This report was circulated to the Executive team on Thursday 16 April 2020.

#### **Financial Implications**

13. The financial implications are outlined in the background section.

#### **Economic Implications**

14. There are no economic implications.

#### **Sustainability Implications**

15. There are no sustainability implications.

#### **Social Implications**

16. There are no social implications.

#### **Human Rights Implications**

17. There are no human rights implications.

#### **Communications with CALD Communities Implications**

18. There CALD Communities implications.

#### **Council Plan, Strategy and Policy Implications**

19. There are no Council Plan, Strategy and Policy implications.

#### **Legal Implications**

20. There are no legal implications.

#### **Other Issues**

21. There are no other issues.

#### **Options**

22. This report does not include any options.

#### **Conclusion**

- 23. The financial impacts of the COVID-19 pandemic have been included in the quarter 3 forecast review and are expected to be realised in the final 3 months of the financial year.
- 24. The March 2020 Finance report (including quarter 3 forecast review) highlights that whilst favourable at the end of March, Council's full year financial result is expected to come in slightly unfavourable to budget.

## RECOMMENDATION

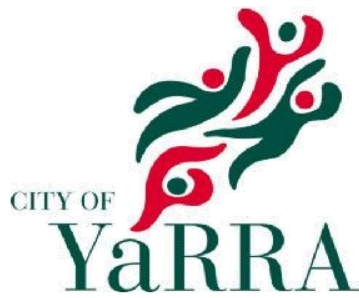
1. That Council:
  - (a) note the March 2020 Finance Report (including quarter 3 forecast review).

**CONTACT OFFICER:** Mark Montague  
**TITLE:** Chief Financial Officer  
**TEL:** 9205 5503

## Attachments

- 1 [!\[\]\(511a36c244659513b679df9c639945de\_img.jpg\)](#) Finance Report - March 20 (Council)
- 2 [!\[\]\(2c0783baf87a2728b2fe49eb1c34c456\_img.jpg\)](#) Capital Adjustments Running Table - as at end Q3 2019-20

**Attachment 1 - Finance Report - March 20 (Council)**



**Finance Report**  
**for the period**  
**1 July 2019 to 31 March 2020**

# Attachment 1 - Finance Report - March 20 (Council)

YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020 Dashboard										
Income Statement	Full Year Adopted Budget	Full year Adjusted Budget	YTD Adjusted Budget	YTD Actuals	YTD Variance Fav(Unfav)	YTD Variance Fav(Unfav)	Full year forecast	Variance to Full Year Adjusted Budget Fav(Unfav)	Forecast variance Fav(Unfav)	
	\$'000	\$'000	\$'000	\$'000	\$'000	%	\$'000	\$'000	%	
<b>Revenue from ordinary activities</b>										
Rates and charges	112,465	112,465	111,895	112,149	254	0.2%	111,691	(774)	-0.7%	
Statutory fees and fines	32,935	32,935	24,776	25,072	296	1.2%	29,235	(3,700)	-11.2%	
User Fees	32,330	32,330	24,558	24,333	(225)	-0.9%	26,658	(5,672)	-17.5%	
Reimbursements	1,055	1,055	721	827	106	14.8%	1,437	382	36.3%	
Grants - Operating	12,542	12,587	8,760	9,520	759	8.7%	14,151	1,564	12.4%	
Grants - Capital	2,433	2,433	2,150	1,707	(443)	-20.6%	2,994	561	23.1%	
Contributions - OSR	4,300	4,300	3,225	6,021	2,796	86.7%	6,500	2,200	51.2%	
Contributions - Other monetary	397	397	298	473	175	58.6%	271	(126)	-31.8%	
Net gain/(loss) on disposal	180	180	135	37	(98)	-72.9%	180	-	0.0%	
Other Income	2,036	2,036	1,527	3,939	2,412	158.0%	3,904	1,868	91.8%	
<b>Total Revenue</b>	<b>200,673</b>	<b>200,716</b>	<b>178,045</b>	<b>184,077</b>	<b>6,032</b>	<b>3.4%</b>	<b>197,021</b>	<b>(3,695)</b>	<b>-1.8%</b>	
<b>Expenses from ordinary activities</b>										
Employee Costs	87,115	87,443	63,733	65,394	(1,661)	-2.6%	86,590	853	1.0%	
Materials and services	73,303	73,719	50,606	48,394	2,211	4.4%	69,038	4,681	6.3%	
Bad and doubtful debts	4,000	4,000	2,994	3,552	(558)	-18.6%	5,000	(1,000)	-25.0%	
Depreciation	22,800	22,800	17,100	17,000	100	0.6%	22,800	-	0.0%	
Amortisation - right of use assets	-	-	-	701	(701)	-	0	(971)	-	0.0%
Borrowing costs	2,035	2,035	1,526	1,452	75	4.9%	2,035	-	0.0%	
Interest Expenses - Leases	-	-	-	127	(127)	-	165	(165)	-	0.0%
<b>Total Expenses</b>	<b>189,254</b>	<b>189,998</b>	<b>135,959</b>	<b>136,620</b>	<b>(661)</b>	<b>-0.5%</b>	<b>186,599</b>	<b>3,399</b>	<b>1.8%</b>	
<b>Net Result</b>	<b>11,418</b>	<b>10,719</b>	<b>42,087</b>	<b>47,457</b>	<b>5,371</b>	<b>12.8%</b>	<b>10,422</b>	<b>(297)</b>	<b>-2.8%</b>	

Income Statement by Division	Full Year Adopted Budget	Full year Adjusted Budget	YTD Adjusted Budget	YTD Actuals	YTD Variance Fav(Unfav)	YTD Variance Fav(Unfav)	Full year forecast	Variance to Full Year Adjusted Budget Fav(Unfav)	Forecast variance Fav(Unfav)	
Chief Executive Revenue	1,716	1,716	1,287	903	(384)	-29.8%	1,486	(230)	-13.4%	
Chief Executive Expense	15,654	15,608	11,730	11,454	278	2.4%	15,153	455	2.9%	
Net (Exp)/Rev	(13,939)	(13,892)	(10,443)	(10,551)	(108)	-1.0%	(13,667)	225	1.6%	
Corporate, Business and Finance Revenue	153,789	153,789	142,274	146,797	4,523	3.2%	150,327	(3,462)	-2.3%	
Corporate, Business and Finance Expense	60,539	60,889	41,068	43,415	(2,347)	-5.7%	57,831	3,058	5.0%	
Net (Exp)/Rev	93,250	92,900	101,206	103,382	2,176	2.2%	92,496	(404)	-0.4%	
Planning and Place Making Revenue	7,833	8,182	6,136	9,967	3,831	62.4%	11,350	3,168	38.7%	
Planning and Place Making Expense	15,050	15,105	11,165	11,407	(242)	-2.2%	16,059	(954)	-6.3%	
Net (Exp)/Rev	(7,216)	(6,923)	(5,029)	(1,441)	3,589	71.4%	(4,709)	2,214	32.0%	
Community Wellbeing Revenue	15,244	15,244	11,581	12,227	646	5.6%	15,782	538	3.5%	
Community Wellbeing Expense	36,011	36,296	26,627	25,908	719	2.7%	35,320	976	2.7%	
Net (Exp)/Rev	(20,767)	(21,052)	(15,046)	(13,681)	1,365	9.1%	(19,538)	1,514	7.2%	
City Works and Assets Revenue	22,090	21,786	16,767	14,182	(2,585)	-15.4%	18,077	(3,709)	-17.0%	
City Works and Assets Expense	62,000	62,100	45,368	44,435	933	2.1%	62,237	(137)	-0.2%	
Net (Exp)/Rev	(39,910)	(40,314)	(28,601)	(30,253)	(1,652)	-5.8%	(44,160)	(3,846)	-9.5%	
<b>Total Net (Exp)/Rev</b>	<b>11,418</b>	<b>10,719</b>	<b>42,087</b>	<b>47,457</b>	<b>5,371</b>	<b>12.8%</b>	<b>10,422</b>	<b>(297)</b>	<b>-2.8%</b>	

Legend:	>= (\$0,000) and/or (5%) Unfavourable variance	>= \$0,000 and/or 5% Favourable variance	No highlight indicates that the item is within tolerance
---------	--	--	--

Note: The adjusted budget Net Result has decreased by \$0.7m after adjusting for the impact of carry over items.

Cash Position	Full year Budget Target	Current period Result	Forecast result	VAGO Ranges for Liquidity		
Liquidity Ratio	2.58	3.30	2.68	> 1	0.75 - 1	< 0.75

Greater detail is included in the VAGO Indicators section on page 8

EFT	Full year Budget	Current period Result	Forecast result
Establishment	854.3	869.2	869.2
Vacant positions (included in above)		46.3	

Greater detail is included in the EFT section on page 4

Transfers to/from the Open Space Reserve	Balance as at 30/06/2019 \$'000	Current period balance \$'000	Movement Inc/(Dec) \$'000	Comments
Open Space Reserve	7,799	13,461	5,662	Movement in contributions received less expenditure YTD for 2019/20.

Greater detail is included in the Open Space Reserves section on page 6

Borrowings	Balance as at 30/06/2019 \$m	Current period balance \$m	Movement Inc/(Dec) \$m	Comments
Total Borrowings	43.7	42.8	(0.9)	Principal repayment of \$0.9M YTD

Greater detail is included in the Borrowings section on page 7

Debtors	Balance as at 30/06/19 \$'000	Current period balance \$'000	Movement Inc/(Dec) \$'000	Comments
Total Debtors	14,797	50,660	35,863	Debtors have increased due to the raising of 2019/20 Rates and FSL. Balance will progressively reduce throughout the year and convert to cash as rate instalments are paid.

Greater detail is included in the Debtors section on page 5



# Attachment 1 - Finance Report - March 20 (Council)

YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020 Income Statement by Revenue and Expenditure with Variance Commentary										
Income Statement	Full Year Adopted Budget	Full year Adjusted Budget	YTD Adjusted Budget	YTD Actuals	YTD Variance Fav(Unfav)	YTD Variance Fav(Unfav)	Full year forecast	Variance to Full Year Adjusted Budget Fav(Unfav)	Forecast variance Fav(Unfav)	Variance Comments (including variance comments for adjusted budget changes)
	\$'000	\$'000	\$'000	\$'000	\$'000	%	\$'000	\$'000	%	
Revenue from ordinary activities										
Rates and charges	112,465	112,465	111,895	112,149	254	0.2%	111,891	(774)	-0.7%	YTD favourable variance to budget primarily due to the raising of supplementary valuations income earlier than phased in the budget.
Statutory fees and fines	32,935	32,935	24,776	25,072	296	1.2%	29,235	(3,700)	-11.2%	YTD favourable variance to budget due to an increase in parking meter income received to date. Full year forecast is expected to be unfavourable to budget due to a downturn in parking activity as a result of the COVID-19 pandemic. It is expected there will be lower income received for parking metres and a reduction in the number of infringements issued.
User Fees	32,330	32,330	24,558	24,333	(225)	-0.9%	26,658	(5,672)	-17.5%	YTD unfavourable variance to budget mostly attributable to the impact of reduced fee income from revenue (including Bunley Golf Course and Collingwood Estate Gym), a result of facilities closing during the month in response to the COVID-19 pandemic. Full year forecast is expected to be unfavourable to budget due to a decrease in fees and charges income in recreation and leisure as a result of the closure of the centres and facilities. Additionally, refunds for business and street trading permits have also been accounted for as part of the Yarra community and economic stimulus package.
Reimbursements	1,055	1,055	721	827	106	14.8%	1,437	382	36.3%	YTD favourable variance to budget mostly attributable to unbudgeted reimbursements received from contractors for traffic and engineering works to be undertaken, and also reimbursements for resourcing assistance at the former Amcor site. Full year forecast expected to finish ahead of budget as a result.
Grants - Operating	12,542	12,587	8,760	9,520	759	8.7%	14,151	1,564	12.4%	YTD favourable variance to budget mostly attributable to aged services receiving higher funding than budgeted and also an increase in childcare funding due to utilisation rates being higher than budgeted. Full year forecast expected to exceed budget as a result.
Grants - Capital	2,433	2,433	2,150	1,707	(443)	-20.6%	2,994	561	23.1%	YTD unfavourable variance primarily due to timing of grant money for Ryan's Reserve Netball / Tennis Court and Pavilion, which was expected to be received in February but will not be received until next financial year 2020/21. Full year forecast expected to exceed budget due to unbudgeted grant received in traffic and civil engineering relating to Stage 2 of Wellington Street, which has been used to fund Wellington Street bike lanes capital works.
Contributions - OSR	4,300	4,300	3,225	6,021	2,796	86.7%	6,500	2,200	51.2%	YTD favourable variance due to open space development contributions being ahead of budget, which is determined by the progress of completion of individual developments. These funds are committed to be spent on eligible open space projects. Full year forecast expected to finish favourable to budget.
Contributions - Other monetary	397	397	298	473	175	58.6%	271	(126)	-31.8%	YTD favourable variance relates to developer contributions received through city works relating to road maintenance. Amount received varies depending on rectification and maintenance work required as a consequence of development activity. Full year forecast is expected to finish under budget mainly due to a decrease in drainage contributions for the year.
Net gain(loss) on disposal	180	180	135	37	(98)	-72.9%	180	-	0.0%	
Other Income	2,036	2,036	1,527	3,939	2,412	158.0%	3,904	1,868	91.8%	YTD favourable variance due to unbudgeted income for road discontinuances being received. Full year forecast expected to finish ahead of budget as a result.
Total Revenue	200,673	200,716	178,045	184,077	6,032	3.4%	197,021	(3,695)	-1.8%	
Expenses from ordinary activities										
Employee Costs	87,115	87,443	63,733	65,394	(1,651)	-2.6%	86,590	853	1.0%	YTD unfavourable variance is due to casual labour exceeding budget, particularly in recreation and leisure due to the need for additional lifeguards stemming from a legislative change late last year. Maternity leave costs have also exceeded budget.
Materials and services	73,303	73,719	50,606	48,394	2,211	4.4%	69,038	4,681	6.3%	YTD favourable variance primarily due to delays in the timing of contract payments as a result of the COVID-19 pandemic. Full year forecast is expected to finish favourable to budget as a result of reductions in costs associated with the impact of the COVID-19 pandemic.
Bad and doubtful debts	4,000	4,000	2,994	3,552	(558)	-18.6%	5,000	(1,000)	-25.0%	YTD unfavourable variance due to a higher doubtful debts percentage being applied to parking infringements in comparison to the budget. The collection issues Council is currently experiencing with Fines Victoria is a key contributing factor here.
Depreciation	22,800	22,800	17,100	17,000	100	0.6%	22,800	-	0.0%	
Amortisation - right of use assets	-	-	-	701	(701)	0.0%	971	(971)	0.0%	YTD unfavourable variance due to the introduction of a change in accounting treatment for Councils operating leases. The variance offsets against the materials and services line where operating lease costs are favourable to budget.
Borrowing costs	2,035	2,035	1,526	1,452	75	4.9%	2,035	0	0.0%	
Interest Exp - Leases	-	-	-	127	(127)	0.0%	165	(165)	0.0%	YTD unfavourable variance due to the introduction of a change in accounting treatment for Councils operating leases. The variance offsets against the materials and services line where operating lease costs are favourable to budget.
Total Expenses	189,254	189,998	135,959	136,620	(661)	-0.5%	186,599	3,399	1.8%	
Net Result	11,418	10,719	42,087	47,457	5,371	12.8%	10,422	(297)	-2.8%	

Legend: > (50,000) and/or (5%) Unfavourable variance  
 > 50,000 and/or 5% Favourable variance  
 No highlight indicates that the item is within tolerance

Note: The adjusted budget Net Result has decreased by \$0.7m after adjusting for the impact of carry over items.

## Attachment 1 - Finance Report - March 20 (Council)

YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020 EFT			
Directorate	Budget 01/07/2019	Current period balance	Movement Fav(Unfav)
<b>CEO Division</b>			
Permanent	49.9	54.8	(4.9)
Temporary	5.4	6.2	(0.8)
Casual	3.2	1.2	2.0
	<b>58.5</b>	<b>62.1</b>	<b>(3.6)</b>
<b>Corporate, Business &amp; Financial Services</b>			
Permanent	155.5	167.2	(11.7)
Temporary	-	-	-
Casual	10.2	11.3	(1.1)
	<b>165.7</b>	<b>178.5</b>	<b>(12.8)</b>
<b>Community Wellbeing</b>			
Permanent	268.0	264.2	3.9
Temporary	3.1	5.9	(2.8)
Casual	20.6	20.3	0.4
	<b>291.7</b>	<b>290.3</b>	<b>1.4</b>
<b>City Works &amp; Assets</b>			
Permanent	227.7	215.5	12.2
Temporary	3.6	4.6	(1.0)
Casual	18.4	25.5	(7.1)
	<b>249.7</b>	<b>245.6</b>	<b>4.1</b>
<b>Planning &amp; Placemaking</b>			
Permanent	85.8	89.8	(4.0)
Temporary	2.8	2.0	0.8
Casual	0.2	0.8	(0.6)
	<b>88.8</b>	<b>92.6</b>	<b>(3.8)</b>
<b>Total Permanent</b>	<b>786.9</b>	<b>791.4</b>	<b>(4.5)</b>
<b>Total Temporary</b>	<b>14.9</b>	<b>18.7</b>	<b>(3.8)</b>
<b>Total Casual</b>	<b>52.6</b>	<b>59.1</b>	<b>(6.5)</b>
<b>Total EFT</b>	<b>854.3</b>	<b>869.2</b>	<b>(14.9)</b>

# Attachment 1 - Finance Report - March 20 (Council)

YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020 Debtors					
Rate Debtors Aging (years)	<1 \$'000	1 \$'000	2 \$'000	3+ \$'000	Total \$'000
Commercial	6,317	139	44	26	6,525
FSL - Commercial	1,933	50	15	10	2,008
Industrial	1,786	35	8	8	1,837
FSL - Industrial	769	4	15	10	798
Residential	23,263	1,097	470	734	25,564
FSL - Residential	1,863	89	40	40	2,031
FSL - Public Benefit	12	2	3	0	17
FSL - Vacant	10	1	0	0	12
FSL - Interest	31	12	5	4	52
Legal Fees	50	15	10	11	87
Bridge Road Special Charge	41	0	0	0	42
Garbage & Other	(461)	(71)	(16)	(8)	(556)
<b>Sub Total</b>	<b>35,614</b>	<b>1,373</b>	<b>595</b>	<b>835</b>	<b>38,417</b>

Parking Debtors	Balance as at 30/06/19 \$'000	Current period balance \$'000	Movement Inc/(Dec) \$'000	Comments
	4,867	5,444	577	Movement in additional parking infringement debtors raised less payments received and debt provision.

Parking Debtors Aging					
Aging (days)	Total	Current	30	60	90+
	5,444	1,022	452	436	3,534

General/Sundry Debtors	Balance as at 30/06/19 \$'000	Current period balance \$'000	Movement Inc/(Dec) \$'000	Comments
	528	1,461	933	No adjustment to debt provision at this time.

General/Sundry Debtors Aging					
Aging (days)	Total \$'000	Current \$'000	30 \$'000	60 \$'000	90+ \$'000
Sundry Debtors (3250 / 3270)	2,603	1,461	614	324	204
Provision for Doubtful Debt (3252)	(730)	-	-	-	(730)
RAMs Debtors (3256) - Property development applications	11,987	4,554	383	245	6,806
Animal Debtors (3257)	(0)	(0)	(0)	-	(0)
PLUS Debtors (3258) - Misc. permits for advertising and footpath occupation	54	53	0	0	1
Local Laws Debtors (3259)	97	15	0	1	81
Building Debtors (3261)	1,624	639	51	32	902
Salary Sacrifice (3264)	8	8	-	-	-
Fines and Costs (3265)	1,370	137	121	128	983
BAGS Control Debtors (3271) - Asset Protection applications	27	-	-	-	27
Bin Debtors (3272)	40	16	1	1	22
MCC Superannuation (3222)	(9)	-	-	-	-
GST Clearing (3249 / 3256)	2,101	2,101	-	-	-
WorkCover Wages / Receipts (3230 / 3232) - WorkCover wages claims	20	20	-	-	-
Perin Cheques - Parking (3273)	(476)	-	-	-	(476)
<b>S/Total</b>	<b>20,160</b>	<b>10,193</b>	<b>1,170</b>	<b>731</b>	<b>8,066</b>
Services Contracts (3262) - Asset Protection bonds	(12,838)	(4,829)	(413)	(264)	(7,334)
CD Bonds (3277) - Construction Development bonds	(320)	(320)	-	-	-
<b>S/Total</b>	<b>(13,159)</b>	<b>(5,149)</b>	<b>(413)</b>	<b>(264)</b>	<b>(7,334)</b>
<b>Total</b>	<b>7,002</b>	<b>5,044</b>	<b>758</b>	<b>467</b>	<b>732</b>

## Attachment 1 - Finance Report - March 20 (Council)

### YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020 Open Space Reserve

Council receives contributions specifically for Open Space as part of development permits. This reserve is then expended on eligible open space projects. Contributions are received into Council's income statement first, as they are required to be recognised

	Amount \$'000
Open Space Reserve Account	
Opening Balance as at 30 June 2019	7,799

Funds Received (Transfers to Reserve)	Amount \$'000
19-21 Judd Street Richmond - 30 lot subdivision	176
487-489 Nicholson Street Carlton North	50
61-69 William Street Abbotsford	495
110 Leicester Street Fitzroy	167
223 Napier Street Fitzroy	140
15-21 Derby Street Collingwood	338
44-46 Greeves St Fitzroy	144
429-437 Swan St Richmond	367
87-89 Church St Richmond	63
247-259 Johnston St & 36-40 Stafford St Abbotsford	675
271 Bridge Rd Richmond	2,588
172-174 Lennox Street Richmond	360
229 Smith Street Fitzroy	158
182 Johnston St Fitzroy	176
60A Gibdon St Burnley	72
44 Keele St Collingwood	56
<b>Total</b>	<b>6,021</b>

Projects (transfers from Reserve)	Amount \$'000
Condell Street Reserve	81
Browns Reserve	24
Alphington Park	1
Alphington Park Oval	120
Burnley Park Oval	120
Edinburgh Gardens	13
<b>Total</b>	<b>359</b>

	Amount \$'000
Open Space Reserve Account	
Closing balance as at March	13,461

## Attachment 1 - Finance Report - March 20 (Council)

YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020 Borrowings								
Amount \$m	Lender	Type	Term years	Maturity Date	Balance as at 30/06/19 \$m	Current period balance \$m	Movement Inc/(Dec)	Comments
\$32.5M	NAB	Interest only	7	2021	32.5	32.5	-	Interest only
\$13.5M	CBA	P&I	10	2027	11.2	10.3	(0.9)	YTD repayments made (approx \$300k per quarter)
					43.7	42.8	(0.9)	



# Attachment 1 - Finance Report - March 20 (Council)

YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020 Financial Sustainability Indicators					
VAGO Indicators			VAGO Ranges		
Indicator/Description	Formula	Current Period Result	Low Risk	Medium Risk	High Risk
Net Result (%)	Net Result / Total Revenue	26%	> 0%	-10% - 0%	< -10%
A positive result indicates a surplus, and the larger the percentage, the stronger the result. A negative result indicates a deficit. Operating deficits cannot be sustained in the long term. The net result and total revenue are					
Liquidity (ratio)	Current assets / Current liabilities	3.30	> 1.0	0.75 - 1.0	< 0.75
This measures the ability to pay existing liabilities in the next 12 months. A ratio of one or more means there are more cash and liquid assets than short-term liabilities.					
Internal financing (%)	Net operating cash flow / Net capital expenditure	192%	> 100%	75% - 100%	< 75%
This measures the ability of Council to finance capital works from generated cash flow. The higher the percentage, the greater the ability for Council to finance capital works from their own funds. Net operating cash flow and					
Indebtedness (%)	Non-current liabilities / own-sourced revenue	27%	< 40%	40% - 60%	> 60%
Comparison of non-current liabilities (mainly comprising borrowings) to own-sourced revenue. The higher the percentage, the less Council is able to cover non-current liabilities from the revenues Council generates itself. Own-					
Capital replacement (ratio)	Cash outflows for property, plant and equipment / Depreciation	1.1	> 1.5	1.0 - 1.5	< 1.0
Comparison of the rate of spending on infrastructure with depreciation. Ratios higher than 1:1 indicate that spending is faster than the depreciation rate. This is a long-term indicator, as capital expenditure can be deferred in					
Renewal gap (ratio)	Renewal and upgrade expenditure/depreciation	0.9	> 1.0	0.5 - 1.0	< 0.5
Comparison of the rate of spending on existing assets through renewing, restoring, and replacing existing assets with depreciation. Ratios higher than 1.0 indicate that spending on existing assets is faster than the depreciation					
It should be noted that all Financial sustainability indicators are intended to be measured on an annual basis to ensure an accurate picture is presented.					
YTD result ahead of budget due to the annual rates being raised in Aug19. Final result expected to be in line with budget placing Council in the Low Risk range.					
YTD result ahead of budget due to the annual rates being raised in Aug19. Final result expected to be in line with budget placing Council in the Low Risk range.					
YTD result well ahead of budget due to net operating cashflows significantly higher than capital works. This is the result of cashflow from rates starting to flow in. Final result expected to be in line with budget placing Council in Low Risk range.					
Full year result expected to be more favourable than YTD result as Council continues to generate revenue from operations in line with budget. Low Risk range expected.					
Full year result expected to be more favourable than YTD result as Capital spend continues to pick up throughout the year. Medium Risk range expected.					
Full year result expected to be more favourable than YTD result as Capital spend continues to pick up throughout the year. Low Risk range expected.					
Local Government Performance Reporting Framework Indicators					
Indicator/Description	Measure	2018-19 Result	Current Period Result	Variance	
<b>Liquidity</b>					
L1	Current assets compared to current liabilities	282.2%	329.9%	16.9%	
L2	Unrestricted cash compared to current liabilities	183.5%	244.8%	33.4%	
<b>Obligations</b>					
O1	Asset renewal as a % of depreciation	96.1%	74%	-22.7%	
O2	Loans and borrowings as a % of rates	40.3%	38.1%	-5.3%	
O3	Loans and borrowings repayments as a % of rates	1.1%	-0.7%	-163.2%	
O4	Non-current liabilities as a % of own source revenue	26.4%	26.8%	1.5%	
<b>Operating Position</b>					
OP1	Adjusted underlying surplus (or deficit) as a % of underlying revenue	8.4%	21.0%	150.1%	
<b>Commentary</b>					
YTD result higher than budget due to Rates being raised in Aug-18. Full year result expected to be in line with budget.					
YTD result higher than budget due to timing of cashflows. Full year result expected to be in line with budget.					
YTD result impacted by timing in Capital spend. Full year result expected to be in line with budget.					
YTD result impacted by timing of revenues from operations. Full year result expected to be in line with budget.					
YTD result higher than budget due to timing of Rates being raised in Aug-18. Full year result expected to be in line with budget.					

# Attachment 1 - Finance Report - March 20 (Council)

YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020 Capital Works Program with Variance Commentary												
Adopted Budget Classification	Full Year Adopted Budget	Full year Adjusted Budget	YTD Adjusted Budget	YTD Actuals	YTD Variance Fav/(Unfav)	YTD Variance Fav/(Unfav)	Full year forecast	Variance to Full Year Adjusted Budget Fav/(Unfav)	Forecast variance Fav/(Unfav)	Carry Over	Deferred	Variance Analysis/Comments (including explanation of budget movements)
	\$'000	\$'000	\$'000	\$'000	\$'000	%	\$'000	\$'000	%	\$'000	\$'000	
Property												
Buildings	12,485	13,295	7,961	5,094	2,866	36.0%	11,299	1,996	15.0%	-	144	YTD variance due to slow start on buildings program which is a historical trend. Forecast has been updated to reflect reduced expected spend on a number of projects this year including Ryan's Reserve which will be carried forward to the 20/21 program.
Total buildings	12,485	13,295	7,961	5,094	2,866	36.0%	11,299	1,996	15.0%	-	144	
Total property	12,485	13,295	7,961	5,094	2,866	36.0%	11,299	1,996	15.0%	-	144	
Plant and equipment												
Plant, Machinery and Equipment	1,902	1,902	1,013	598	415	41.0%	1,902	-	0.0%	-	-	YTD variance due to the timing of plant purchases being behind budget. Expected to finish in line with budget.
Computers & Telecommunications	2,704	2,970	1,989	678	1,311	65.9%	2,970	-	0.0%	-	-	YTD variance due to timing of payments for software and network infrastructure, now expected later than budgeted.
Total plant and equipment	4,606	4,872	3,002	1,275	1,726	57.5%	4,872	-	0.0%	-	-	
Infrastructure												
Roads	9,268	9,308	5,116	4,356	760	14.9%	8,937	371	4.0%	-	1,048	YTD variance due to slow start on Road projects. Expected to finish slightly under budget.
Bridges	93	93	-	44	(44)	0.0%	93	-	0.0%	-	-	
Lanes	1,099	1,159	1,099	967	132	12.0%	1,090	69	5.9%	-	45	
Transport	3,507	4,761	2,832	1,545	1,287	45.4%	4,661	100	2.1%	-	-	YTD variance due to works on the LATM's being behind schedule. Expected to finish in line with budget, with some carry forward for LAPM's expected.
Waste Management	70	70	-	-	-	0.0%	70	-	0.0%	-	-	
Parks, Open Space And Streetscapes	4,000	3,946	2,690	2,359	331	12.3%	4,098	(152)	-3.9%	204	-	YTD variance due to projects behind schedule due to start dates later than originally programmed. Expected to finish in line with budget.
Street Furniture	270	270	49	10	39	79.0%	270	-	0.0%	-	-	
Retail Strips	200	200	200	167	33	16.4%	227	(27)	-13.6%	-	-	
Priority Projects	971	971	342	193	149	43.5%	969	12	1.3%	-	-	YTD variance due to timing of work on Bridge road and Swan Street activity centre.
Library Resources	690	724	485	385	100	20.6%	724	-	0.0%	-	-	YTD variance due to timing of purchases. Expected to finish in line with budget.
Total infrastructure	20,168	21,501	12,814	10,027	2,787	21.7%	21,129	372	-4.2%	204	1,093	
Total capital works expenditure	37,259	39,668	23,776	16,397	7,379	31.0%	37,300	2,368	6.0%	204	1,237	

Note: Full year adopted budget figure of \$31.244M has been adjusted to incorporate unspent carry over funds of \$6.014M from the 2018/19 Capital Works program. Further movement of \$2.4M in Adjusted Budget YTD primarily due to Malcolm Graham Pavilion and the Blackspots Improvement project for which Federal Government funding is to be received.

# Attachment 1 - Finance Report - March 20 (Council)

YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020								
City of Yarra Income Statement								
For Period 09 - March								
	19/20 CL Actuals YTD \$'000	19/20 CL Bud Adjust YTD \$'000	Actuals vs Budget YTD Variance \$'000	Actuals vs Budget YTD Variance %	19/20 CL Bud Adopted Full Year \$'000	19/20 CL Bud Adjust Full Year \$'000	Current Forecast Full Year \$'000	Budget vs Forecast Full Year Variance \$'000
<b>Revenue from ordinary activities</b>								
Rates and charges	112,149	111,895	254	0%	112,465	112,465	111,691	(774)
Statutory fees and fines	25,072	24,776	296	1%	32,935	32,935	29,235	(3,700)
User Fees	24,333	24,558	(225)	-1%	32,330	32,330	26,658	(5,672)
Reimbursements	827	721	106	15%	1,055	1,055	1,437	382
Grants - Operating	9,520	8,760	759	9%	12,542	12,587	14,151	1,564
Grants - Capital	1,707	2,150	(443)	-21%	2,433	2,433	2,994	561
Contributions - OSR	6,021	3,225	2,796	87%	4,300	4,300	6,500	2,200
Contributions - Other monetary	473	298	175	59%	397	397	271	(126)
Net gain/(loss) on disposal of property, infrastructure, pla	37	135	(98)	-73%	180	180	180	0
Other Income	3,939	1,527	2,412	158%	2,036	2,036	3,904	1,868
	184,077	178,045	6,032	3%	200,673	200,716	197,021	(3,695)
<b>Expenses from ordinary activities</b>								
Employee Costs	65,394	63,733	(1,661)	-3%	87,115	87,443	86,590	853
Materials and services	48,394	50,606	2,211	4%	73,303	73,719	69,038	(4,681)
Bad and doubtful debts	3,552	2,994	(558)	-19%	4,000	4,000	5,000	(1,000)
Depreciation	17,000	17,100	100	1%	22,800	22,800	22,800	0
Amortisation - right of use assets	701	0	(701)	0%	0	0	971	971
Borrowing costs	1,452	1,526	75	5%	2,035	2,035	2,035	(0)
Interest Exp - Leases	127	0	(127)	0%	0	0	165	165
	136,620	135,959	(661)	0%	189,254	189,998	186,599	(3,399)
	47,457	42,087	5,371	13%	11,418	10,719	10,422	(297)

## Attachment 1 - Finance Report - March 20 (Council)

YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020 Balance sheet				
	Balance as at 30/06/2019 \$'000	Balance as at period end \$'000	Movement Inc/(Dec) \$'000	Comments
<b>ASSETS</b>				
<b>Current Assets</b>				
Cash and cash equivalents	87,653	106,354	18,701	Change in cash levels due to third instalment of rates for 2019/20 being received.
Receivables - Rates	5,561	38,417	32,856	Rates for 2019/20 were raised in August 2019 and Receivables reduce with each payment instalment received.
Receivables - Parking	4,867	5,444	577	Jul19 - Mar20 infringement debtors raised less payments and debt provision.
Receivables - Other	4,369	6,799	2,430	Movement due to increase in planning and construction and development works.
Accrued income	58	2,482	2,424	Accrued income relates to interest income that will be received in cash when term deposits mature and parking metre income earned but not yet receipted.
Prepayments	562	-	(562)	
Inventories	129	129	-	
Assets Held for Resale	-	-	-	
<b>Total Current Assets</b>	<b>103,199</b>	<b>159,625</b>	<b>56,426</b>	
<b>Non-Current Assets</b>				
Non-current receivables	230	230	-	
Financial assets	5	5	-	
Property, infrastructure, plant and equipment	1,984,061	1,983,609	(452)	Depreciation expense for PPE YTD.
Right-of-use assets	-	2,570	2,570	As a result of the introduction of AASB 16 right-of-use assets have been recognised.
<b>Total Non-Current Assets</b>	<b>1,984,296</b>	<b>1,986,414</b>	<b>2,118</b>	
<b>TOTAL ASSETS</b>	<b>2,087,495</b>	<b>2,146,039</b>	<b>58,544</b>	
<b>LIABILITIES</b>				
<b>Current Liabilities</b>				
Payables	7,999	1,539	(6,460)	Payments have been made which reduce the payables owing amount. This will vary during the financial year.
Fire Services Levy	5,563	17,531	11,968	Raised at the same time as Rate income and payments made quarterly to SRO.
Trust funds	6,735	8,783	2,048	The movement is mainly due to receiving and holding trusts and bonds.
Accrued Expenses	4,730	5,594	864	Accruals raised for expenditure not yet paid. This will vary during the financial year. Accruals include contract payments and utilities.
Income in advance	157	210	53	
Employee benefits	13,158	14,181	1,023	
Interest-bearing liabilities	1,218	310	(908)	
Lease liabilities	-	235	235	As a result of the introduction of AASB 16 lease liabilities have been recognised.
<b>Total Current Liabilities</b>	<b>39,560</b>	<b>48,383</b>	<b>8,823</b>	
<b>Non-Current Liabilities</b>				
Non-current employee benefits	1,393	1,216	(177)	
Non-current interest bearing liabilities	42,473	42,473	-	
Non-current lease liabilities	-	2,389	2,389	As a result of the introduction of AASB 16 lease liabilities have been recognised.
Non-current Trust Liability	237	243	6	
<b>Total Non-Current Liabilities</b>	<b>44,103</b>	<b>46,321</b>	<b>2,218</b>	
<b>TOTAL LIABILITIES</b>	<b>83,663</b>	<b>94,704</b>	<b>11,041</b>	
<b>NET ASSETS</b>	<b>2,003,833</b>	<b>2,051,335</b>	<b>47,502</b>	
<b>Represented by:</b>				
Accumulated surplus	666,415	660,798	(5,617)	
Asset revaluation reserves	1,329,540	1,329,540	-	
Other reserves	7,878	13,540	5,662	Open space contributions for the year less transfers out.
Retained Earnings	-	47,457	47,457	Net result for the year YTD.
<b>EQUITY</b>	<b>2,003,833</b>	<b>2,051,335</b>	<b>47,502</b>	

## Attachment 1 - Finance Report - March 20 (Council)

**YARRA CITY COUNCIL**  
**FINANCIAL REPORT**  
**1 July 2019 to 31 March 2020**  
**Cash Flow Statement**

	Balance as at period end \$'000
<b>Cash Flows from Operating Activities</b>	
Rates and Charges	91,079
Parking Revenue	17,737
Government Grants Received	9,149
Victoria Grants Commission	602
User Charges, Fees and Other Fines Received	31,672
Reimbursements and Contributions Received	325
Interest Revenue	932
Other Revenue	6,031
Payments to Suppliers	(55,174)
Payments to Employees	(64,856)
Net GST	(186)
<b>Net Cash Provided by Operating Activities</b>	<b>37,311</b>
<b>Cash Flows from Investing Activities</b>	
Proceeds from Sale of Property, Plant & Equipment	63
Payments for Infrastructure, Property Plant & Equipment	(19,469)
<b>Net Cash (Used in) Investing Activities</b>	<b>(19,406)</b>
<b>Cash Flows from/(used in) Financing Activities</b>	
Finance Costs	(1,113)
(Proceeds from Borrowings)/Payments Towards	1,909
<b>Net Cash (Used In) Financing Activities</b>	<b>796</b>
<b>Cash Balances</b>	
Change in Cash Held	18,701
Cash at beginning of year	87,653
<b>Cash at the End of the Financial Period</b>	<b>106,354</b>
<b>End of year Budgeted cash balance</b>	<b>78,531</b>

Council needs to fund the following items from the current cash balance. This may include expenses associated with revenue received in a previous financial year (eg: grants)

<b>Future items to be funded</b>	<b>\$'000</b>
Grant Commission Funding (2019-20 funds received in 2018-19)	1,000
Capital Carry Forwards	6,000
Depot Relocation Grant Funding	16,700
Other Capital Grants	2,500
Operating Grant Income Received - to be paid back in 2019-20 (NDIS Funding Target Shortfall)	1,500
Open Space Reserve to be cash backed	13,461
<b>Total</b>	<b>41,161</b>



## Attachment 1 - Finance Report - March 20 (Council)

YARRA CITY COUNCIL FINANCIAL REPORT 1 July 2019 to 31 March 2020 Capital Works Statement											
Adopted Budget Classification	Full Year Adopted Budget	Full year Adjusted Budget	YTD Adjusted Budget	YTD Actuals	YTD Variance Fav/(Unfav)	YTD Variance Fav/(Unfav)	Full year forecast	Variance to Full Year Adjusted Budget Fav/(Unfav)	Forecast variance Fav/(Unfav)	Carry Over	Deferred
	\$'000	\$'000	\$'000	\$'000	\$'000	%	\$'000	\$'000	%	\$'000	\$'000
Property											
Buildings	12,485	13,295	7,961	5,094	2,866	36.0%	11,299	1,996	15.0%	-	144
<b>Total Property</b>	<b>12,485</b>	<b>13,295</b>	<b>7,961</b>	<b>5,094</b>	<b>2,866</b>	<b>36.0%</b>	<b>11,299</b>	<b>1,996</b>	<b>15.0%</b>	<b>-</b>	<b>144</b>
Plant and equipment											
Plant, Machinery & Equipment	1,902	1,902	1,013	598	415	41.0%	1,902	-	0.0%	-	-
Computers & Telecommunications	2,704	2,970	1,989	678	1,311	65.9%	2,970	-	0.0%	-	-
<b>Total plant and equipment</b>	<b>4,606</b>	<b>4,872</b>	<b>3,002</b>	<b>1,275</b>	<b>1,726</b>	<b>57.5%</b>	<b>4,872</b>	<b>-</b>	<b>0.0%</b>	<b>-</b>	<b>-</b>
Infrastructure											
Roads	9,268	9,308	5,116	4,356	760	14.9%	8,937	371	4.0%	-	1,048
Bridges	93	93	-	44	(44)	0.0%	93	-	0.0%	-	-
Lanes	1,099	1,159	1,099	967	132	12.0%	1,090	69	5.9%	-	45
Transport	3,507	4,761	2,832	1,545	1,287	45.4%	4,661	100	2.1%	-	-
Waste Management	70	70	-	-	-	0.0%	70	-	0.0%	-	-
Parks, Open Space And Streetscapes	4,000	3,946	2,690	2,359	331	12.3%	4,098	(152)	-3.9%	204	-
Street Furniture	270	270	49	10	39	79.0%	270	-	0.0%	-	-
Retail Strips	200	200	200	167	33	16.4%	227	(27)	-13.6%	-	-
Priority Projects	971	971	342	193	149	43.5%	959	12	1.3%	-	-
Library Resources	690	724	485	385	100	20.6%	724	-	0.0%	-	-
<b>Total Infrastructure</b>	<b>20,168</b>	<b>21,501</b>	<b>12,814</b>	<b>10,027</b>	<b>2,787</b>	<b>21.7%</b>	<b>21,129</b>	<b>372</b>	<b>1.7%</b>	<b>204</b>	<b>1,093</b>
<b>Total capital works expenditure</b>	<b>37,259</b>	<b>39,668</b>	<b>23,776</b>	<b>16,397</b>	<b>7,379</b>	<b>31.0%</b>	<b>37,300</b>	<b>2,368</b>	<b>6.0%</b>	<b>204</b>	<b>1,237</b>

Note: Full year adopted budget figure of \$31.244M has been adjusted to incorporate unspent carry over funds of \$6.014M from the 2018/19 Capital Works program. Further movement of \$2.4M in Adjusted Budget YTD primarily due to Malcolm Graham Pavilion and the Blackspots Improvement project for which Federal Government funding is to be received.

## Attachment 2 - Capital Adjustments Running Table - as at end Q3 2019-20

Capital Adjustments Running Table - as at end Q3 2019-20.xlsx

Project ID	Description	Project Budget Before Change \$	Net Change to Project Budget \$	Change Request Type	Reason	Approval Date	2019/20 Adjusted Budget Running Total \$	Cumulative Variance to Adopted Budget \$
	2019/20 Capital Works Program				2019/20 Capital Works Program (incorporating changes as per budget resolution 25 June 2019)		31,243,606	
	2018/19 Capital Works Carried Forward		+6,015,100	Carry Forward	2018/19 Capital Works carried forward to 2019/20; Running total is effective adopted 2019/20 capital works budget after application of carry forwards.		37,258,706	
2619	Federal Blackspot Program	0	+1,154,000	New Project (Grant)	Project funded via VicRoads to reduce accidents at various locations	28/08/2019	38,412,706	+1,154,000
2305 2487	Ramsden Street Oval Sports Lights	131,000	+119,000	Scope/Budget Increase	Additional foundations work required & extra costs associated with climate policy	28/08/2019	38,531,706	+1,273,000
2621	Brunswick Street Oval Precinct Redevelopment	0	+750,000	New Project (Grant)	Funding for preliminary consulting services and site testing	28/08/2019	39,281,706	+2,023,000
2620	Ewing Collection	0	+10,000	New Project (Grant)	Fitzroy Library Ewing Trust grant (purchase of library assets)	28/08/2019	39,291,706	+2,033,000
New	Truro Street Intersection Works	0	+120,000	New Project (Grant)	Receiving funding from Major Road Project Victoria for safety works at Hoddle Street	25/09/2019	39,411,706	+2,153,000
2250	Asset Management System Upgrade	198,000	+116,000	Scope/Budget Increase	Project scope increased to include CRM integration	25/09/2019	39,527,706	+2,269,000
2615	Libraries Extended Hours Access Point	80,000	+24,000	Scope/Budget Increase	Project scope increased to also do works at the Richmond library	25/09/2019	39,551,706	+2,293,000
2533	Carlton Library Security Works	24,000	-24,000	Deferral	Project works deferred to 2020/21 and budget re-allocated to project 2615	25/09/2019	39,527,706	+2,269,000
2419	Docker Street Drainage	70,000	-70,000	Project Completed 18/19	Project completed in late 2018/19 financial year	23/10/2019	39,457,706	+2,199,000
2420	Gardner Street Drainage	70,000	-70,000	Project Completed 18/19	Project completed in late 2018/19 financial year	23/10/2019	39,387,706	+2,129,000
2421	Gipps Street Drainage	100,000	-100,000	Project Completed 18/19	Project completed in late 2018/19 financial year	23/10/2019	39,287,706	+2,029,000
New	Lennox Street Drainage	0	+50,000	New Project	New project - Drainage issues near existing pits	23/10/2019	39,337,706	+2,079,000
New	Brunswick Street Drainage	0	+135,000	New Project	New project - Replace collapsed pipe as a result of CCTV inspection	23/10/2019	39,472,706	+2,214,000
New	Lt Turner Street Drainage	0	+35,000	New Project	New project - Rectify stormwater flooding issues off Hoddle Street	23/10/2019	39,507,706	+2,249,000
2245	Sherrin Stand Waterproofing	300,000	+310,000	Scope/Budget Increase	Stage 2 works brought forward so that the AFLW redevelopment can proceed	23/10/2019	39,817,706	+2,559,000
2202	Bob Rose Pavilion Works	590,000	-190,000	Savings	Project savings expected and savings re-allocated to project 2245	23/10/2019	39,627,706	+2,369,000
2564	Ryder Stand Waterproofing	125,000	-120,000	Deferral	Project deferred to 2020/21 financial year and budget re-allocated to project 2245	23/10/2019	39,507,706	+2,249,000
2486	Open Space Minor Works	27,000	+42,646	Scope/Budget Increase	Project scope increased to include work at Mayors Park tennis/netball courts	27/11/2019	39,550,352	+2,291,646
2508	Smith Reserve Turf Renovations	10,000	-10,000	Scope/Budget Decrease	Project completed in late 2018/19 financial year	27/11/2019	39,540,352	+2,281,646
2484	Citizens Park Cricket Nets	41,000	-32,646	Scope/Budget Decrease	Project works completed under budget	27/11/2019	39,507,706	+2,249,000
New	Collingwood Children's Farm Elevated Walkway	0	+63,000	New Project	Replace deck (safety issues)	27/11/2019	39,570,706	+2,312,000
2509	Walker Street Soccer Oval	78,000	-63,000	Scope/Budget Decrease	Project scope reduced to do only necessary works.	27/11/2019	39,507,706	+2,249,000
2239	Malcolm Graham Pavilion	1,371,000	+220,000	Scope/Budget Increase	Budget increased due to latent conditions	27/11/2019	39,727,706	+2,469,000
2242	RRC Dry-side Change Rooms	630,000	-220,000	Savings	Project works completed under budget	27/11/2019	39,507,706	+2,249,000
New	GIS Replacement	0	+659,000	New Project	Replace existing GIS as Ministerial exemption will expire	27/11/2019	40,166,706	+2,908,000
2576	PC Replacement Program	510,000	+200,000	Scope/Budget Increase	Extra funding required to facilitate move to a mobile workforce	27/11/2019	40,366,706	+3,108,000

## Attachment 2 - Capital Adjustments Running Table - as at end Q3 2019-20

Capital Adjustments Running Table - as at end Q3 2019-20.xlsx

Project ID	Description	Project Budget Before Change \$	Net Change to Project Budget \$	Change Request Type	Reason	Approval Date	2019/20 Adjusted Budget Running Total \$	Cumulative Variance to Adopted Budget \$
1931	Property & Rating Software Upgrade	859,000	-859,000	Project Removed	Project not proceeding as vendor readiness with new software uncertain	27/11/2019	39,507,706	+2,249,000
1932	Carlton Hall (Dancehouse) Air-conditioning	70,000	+84,000	Scope/Budget Increase	Council increased the scope of project. Funded from Quarter 1 Operating surplus.	12/11/2019	39,591,706	+2,333,000
New	Brunswick Street Oval - Scoreboard	0	+30,000	New Project	New Council included project. Funded from Quarter 1 Operating surplus.	12/11/2019	39,621,706	+2,363,000
New	On-Line Digital Planning	0	+150,000	New Project	New Council included project. Funded from Quarter 1 Operating surplus.	12/11/2019	39,771,706	+2,513,000
2345	Gold Street Footpath Works	50,000	+80,000	Scope/Budget Increase	Extra funding required for extra footpath and associated kerb and channel works	22/01/2020	39,851,706	+2,593,000
2348	Johnston street Footpath Works	80,000	-80,000	Deferral	Project cannot proceed due to pending VicRoads works	22/01/2020	39,771,706	+2,513,000
2126	LAPM 9 Rose Precinct	250,000	+100,000	Scope/Budget Increase	Received extra funding from TAC to do work at Rose Street (Shared Zone)	22/01/2020	39,871,706	+2,613,000
2588	Cremorne Public Realm Project	55,000	-	Scope Change	Change of sites in Stephenson St, Cremorne, due to developer works	22/01/2020	39,871,706	+2,613,000
2422	Glass St, Richmond (Beissel St to Newry St) - Drainage	200,000	-173,050	Deferral	Melbourne Water are investigating possible upgrade works for the Richmond Quarry Main Drain	26/02/2020	39,698,656	+2,439,950
2334	Botherambo St, Richmond (Tanner St to Montgomery St) - Footpath	15,000	-15,000	Deferral	Acceptable condition - can be deferred without risk, to enable higher priority projects to be delivered this financial year	26/02/2020	39,683,656	+2,424,950
2371	Chapel St, Fitzroy (Young St to Napier St) - Pavement	40,000	-40,000	Deferral	Acceptable condition - can be deferred without risk, to enable higher priority projects to be delivered this financial year	26/02/2020	39,643,656	+2,384,950
2312	Bedford St, Collingwood (Otter St to End of St) - Kerb & Channel	60,000	-60,000	Deferral	Two developments currently being constructed, project cannot proceed	26/02/2020	39,583,656	+2,324,950
2381	Glasgow St, Collingwood (Wellington St to Rokeby St) - Pavement	40,000	-40,000	Deferral	Development commenced, project cannot proceed	26/02/2020	39,543,656	+2,284,950
2392	Mary St, Richmond (McNamara St to Swan St) - Pavement	75,000	-75,000	Deferral	Development commenced, project cannot proceed	26/02/2020	39,468,656	+2,209,950
2403 2404 2405 2406	Station St, Nth Carlton (Richardson St to Newry St) - Pavement	415,000	-415,000	Deferral	City West Water works in progress	26/02/2020	39,053,656	+1,794,950
2323	Lygon St, Carlton (Holtom St East to Pigdon St) - Kerb & Channel	50,000	-50,000	Deferral	Additional works required to fix kerb prior to footpath works	26/02/2020	39,003,656	+1,744,950
2365	Young St, Fitzroy (Gertrude St to Victoria Pde) - Footpath	30,000	-30,000	Deferral	Additional works required to fix kerb prior to footpath works	26/02/2020	38,973,656	+1,714,950
2360	Swan St, Richmond (Burnley St to Stawell St) - Footpath	65,000	-65,000	Deferral	Acceptable condition - can be deferred without risk, to enable higher priority projects to be delivered this financial year	26/02/2020	38,908,656	+1,649,950
2396	Napier St, Fitzroy (Moor St to Condell St) - Pavement	30,000	-30,000	Deferral	Acceptable condition - can be deferred without risk, to enable higher priority projects to be delivered this financial year	26/02/2020	38,878,656	+1,619,950
New	Somerset St, Richmond (McKenzie St to Gardner St) - Drainage	0	+150,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,028,656	+1,769,950
New	Harvey St, Richmond (Swan St to Lesney St) - Pavement	0	+43,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,071,656	+1,812,950
New	Bank St, Richmond (Highett St to Cameron St) - Pavement	0	+76,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,147,656	+1,888,950

## Attachment 2 - Capital Adjustments Running Table - as at end Q3 2019-20

Capital Adjustments Running Table - as at end Q3 2019-20.xlsx

Project ID	Description	Project Budget Before Change \$	Net Change to Project Budget \$	Change Request Type	Reason	Approval Date	2019/20 Adjusted Budget Running Total \$	Cumulative Variance to Adopted Budget \$
New	Rule St, Richmond (Bromham Pl to Church St) - Pavement	0	+90,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,237,656	+1,978,950
New	Kenny St, Richmond (Bank St to End of St) - Pavement	0	+53,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,290,656	+2,031,950
New	Kingston St, Richmond (Brighton St to Church St) - Pavement	0	+67,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,357,656	+2,098,950
New	Hodgkinson St, Clifton Hill (Gold St to Turnbull St) - Pavement	0	+220,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,577,656	+2,318,950
2346	Gold St, Clifton Hill (Page to Hodgkinson) - Kerb & Channel	120,000	+48,000	Scope/Budget Increase	Kerb and channel rehabilitation prior to road pavement resheet	26/02/2020	39,625,656	+2,366,950
2423	Gold St, (Page to Hodgkinson) - Footpath, K&C and Drainage	140,000	+39,000	Scope/Budget Increase	Safety and DDA compliance works around the Hodgkinson St and Gold St intersection	26/02/2020	39,664,656	+2,405,950
New	ROW 18.1 & 18.2, Clifton Hill (off Gold St)	0	+60,000	New Project	ROW and vehicle crossing reconstruction for safety purposes prior to road pavement resheet	26/02/2020	39,724,656	+2,465,950
New	Westbank Tce, (Campbell St to Bendigo St) - Footpath	0	+23,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,747,656	+2,488,950
New	Abbot Gve, Collingwood (Hoddle St to End of St) - Footpath	0	+47,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,794,656	+2,535,950
New	Alfred St, Richmond (Rowena Pde to Richmond Tce) - Pavement	0	+38,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,832,656	+2,573,950
New	Federation Lane, Abbotsford - Drainage	0	+39,000	New Project	Brought forward from the proposed 2020/21 Roads Capital Works Program	26/02/2020	39,871,656	+2,612,950
2521	RRC Change Rooms Walls & Plumbing Works	24,355	+103,700	Scope/Budget Increase	Scope increased to refurbish wet-side accessible change room to address accessibility compliance issues	26/02/2020	39,975,356	+2,716,650
2242	RRC Dry-side Change Rooms	410,000	-103,700	Savings	Savings realised and re-allocated to project 2521	26/02/2020	39,871,656	+2,612,950
2245	Sherrin Stand Waterproofing	610,000	+100,000	Scope/Budget Increase	Replace stair nosings/tactiles and waterproofing to underside - in preparation for Victoria Park Sherrin Stand AFLW works	26/02/2020	39,971,656	+2,712,950
2543	Buildings - Minor Urgent Works	370,000	-100,000	Savings	Savings forecast and re-allocated to project 2245	26/02/2020	39,871,656	+2,612,950
2587	Trucks	480,000	+417,000	Scope/Budget Increase	Purchase additional commercial vehicles (2x electric tipplers and 2x electric vans) replacing older diesel vehicles	26/02/2020	40,288,656	+3,029,950
2586	Passenger Cars	1,160,000	-417,000	Savings	Savings forecast and re-allocated to project 2587	26/02/2020	39,871,656	+2,612,950

## Attachment 2 - Capital Adjustments Running Table - as at end Q3 2019-20

Capital Adjustments Running Table - as at end Q3 2019-20.xlsx

Project ID	Description	Project Budget Before Change \$	Net Change to Project Budget \$	Change Request Type	Reason	Approval Date	2019/20 Adjusted Budget Running Total \$	Cumulative Variance to Adopted Budget \$
2442 2443	ROW 28.1 and ROW 28.2 (off Noone St, Clifton Hill)	45,000	-45,000	Deferral	Projects cannot proceed at this stage due to unresolved tree root issues	25/03/2020	39,826,656	+2,567,950
New	ROW 1379 (between Pigdon St and Hughes St, Fitzroy)	0	+45,000	New Project	Project brought forward to replace ROW 28.1 & ROW 28.2	25/03/2020	39,871,656	+2,612,950
2489	Bumley Golf Course - Fence	60,000	-60,000	Carry Forward	Fence works cannot proceed due to planned upgrade works at golf course	25/03/2020	39,811,656	+2,552,950
2496	Bumley Golf Course - Path	83,700	-83,700	Carry Forward	Path works cannot proceed due to planned upgrade works at golf course	25/03/2020	39,727,956	+2,469,250
2164	Edinburgh Gardens - Path	60,000	-60,000	Carry Forward	Path works cannot proceed due to delays to adjacent tree removal works and required permits	25/03/2020	39,667,956	+2,409,250
<b>Adjusted 2019/20 capital works budget</b>							<b>39,667,956</b>	<b>+2,409,250</b>



This amount indicates an adjusted budget cumulative variance of \$2,409,250 to the adopted budget (inclusive of final carry forwards from 2018/19) of \$37,258,706 (noting the inclusion of a total \$2,398,000 of additional external funding not in the adopted budget)

## 11.6 2019/20 Annual Plan Quarterly Progress Report - March

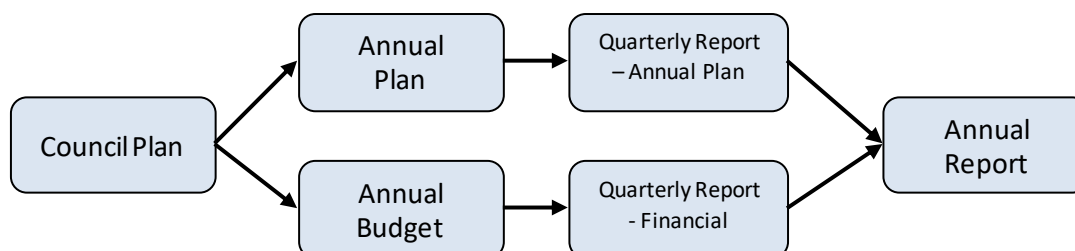
Reference: D20/73071  
Authoriser: Director Corporate, Business and Finance

### Purpose

1. To present the 2019/20 Annual Plan Quarterly Progress Report for the March period to Council for noting.
2. To inform Councillors that the March result of 81% does not reflect the significant impact the COVID-19 pandemic will have on overall deliverability of the 2019/20 Annual Plan by the end of June.

### Background

3. This year, 2019/20, represents the third year of the 4-year *Council Plan 2017-21*, adopted by Council on 1 August 2017.
4. The 2019/20 Annual Plan was endorsed by Council on 25 June 2019 and details the organisation's annual response to Initiatives contained in the 4-year Council Plan.
5. The Annual Plan and Annual Plan Quarterly Progress Reports are two of Council's key accountability documents to the community.



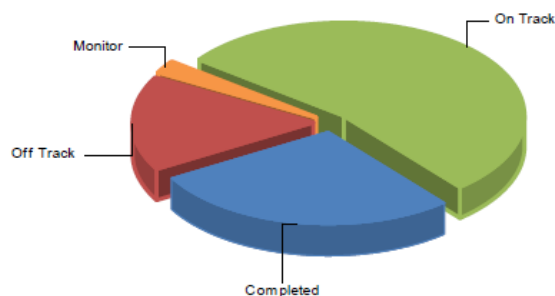
6. The Annual Plan Quarterly Progress Report notes the year-to-date progress of the Annual Plan Actions and Milestones providing a performance rating and supporting commentary.
7. The 2019/20 Annual Plan contains 43 actions spread across the Council Plan's Strategic Objectives. It delivers on Council's priorities and reflects the organisation's focus on delivering the Council Plan's Initiatives in 2019/20.

Strategic Objective	Number of Actions
	2019/20 Annual Plan
A healthy Yarra: a place where Community health, safety and wellbeing are a focus in everything we do	6
An inclusive Yarra: a place where Inclusion, diversity and uniqueness are welcomed, respected and celebrated	4
A sustainable Yarra: a place where Council leads on sustainability and protects and enhances its natural environment	9
A liveable Yarra: a place where Development and growth are managed to maintain and enhance the character and heritage of the city	11
A prosperous Yarra: a place where Local businesses prosper and creative and knowledge industries thrive	4



Strategic Objective	Number of Actions
	2019/20 Annual Plan
A connected Yarra: a place where Connectivity and travel options are environmentally sustainable, integrated and well-designed	6
A leading Yarra: a place where Transparency, performance and community participation drive the way we operate	3
<b>Total</b>	<b>43</b>

8. The *Council Plan 2017-21* has 49 Strategies with 99 associated Initiatives. Not all of these have a corresponding Action in the 2019/20 Annual Plan. The Council Plan is a four-year document and Initiatives will commence across a range of years.
9. To ensure the integrity and transparency of the Annual Plan, which is endorsed by Council, Actions including their descriptions and milestones can only be changed by resolution of Council.
10. Officers or Councillors may propose changes to the Annual Plan.
11. The progress of an Action is measured by the status of its individual milestones which are weighted to represent the relative time and effort they contribute to achievement of the overall Action.
12. The following thresholds are used to determine the status of an Action:
  - (a) On track  $\geq 90\%$
  - (b) Monitor 75-89%
  - (c) Off track  $< 75\%$
13. Annual Plan Action progress summary as at 31 March 2020:



Strategic Objective	No. of Actions Reported	Complete	On track ( $\geq 90\%$ )	Monitor (75-90%)	Off track ( $< 75\%$ )	Not Started
A healthy Yarra	6	0	5	0	1	0
An inclusive Yarra	4	1	1	0	2	0
A sustainable Yarra	9	1	6	0	2	0
A liveable Yarra	11	5	3	1	2	0
A prosperous Yarra	4	0	4	0	0	0
A connected Yarra	6	3	3	0	0	0
A leading Yarra	3	2	1	0	0	0
	43 (100%)	12 (27.91%)	23 (53.49%)	1 (2.33%)	7 (16.28%)	0 (0.00%)

14. All 43 Actions in the Annual Plan have commenced. Council achieved a result of 81% or 35 actions in progress assessed as On Track or Complete.

15. Annual targets set a requirement for 75% of Annual Plan Actions to be Complete or On Track (>90%) by 30 June each year.
16. The following actions are recorded as Monitor or Off Track at the end of March. These actions have experienced delays to one or more of their milestones. More detail is contained in the attached report.
17. Currently there are 7 Actions that are Off-Track and 1 Monitor, this number is anticipated to increase between now and the end of June.

Monitor

4.08 Review and develop a framework for management of Council's own heritage assets

Off track

- 1.04 Provision of boat storage and clubhouse facility design - Panther Pavilion
  - 2.03 Social Justice Charter
  - 2.04 LGBTIQ Strategy
  - 3.01 Yarra Environment Strategy
  - 3.04 Review and update Council's Urban Agriculture guidelines
  - 4.06 Structure planning for Major Activity Centres in Yarra
  - 4.07 Negotiate Joint Use Agreement with Richmond High School
18. While the March result is strong against our performance target of 75%, it is not indicative of the end-of-year result due to the significant impact COVID-19 has since had on our operations and our subsequent response to the pandemic resulting a considerable diversion of resources to support the business and community support package.
  19. Some of the impacts on our ability to deliver commitments in the Annual Plan include restrictions on planned community consultations, public meetings, community events and programs, service closures and the conduct of Council meetings.
  20. Council has an established process to transparently consider revisions to the Annual Plan. We are considering the impact of COVID-19 on all actions in the Annual Plan and will report to Council on proposed changes at a future date.

**External Consultation**

21. Significant community engagement and consultation was undertaken during the development of the *Council Plan 2017-21*. The 2019/20 Annual Plan reflects the community priorities identified during this process, included in the *Council Plan 2017-21* initiatives.
22. Members of the community will have the opportunity to comment on the progress report when it is presented to Council on 18 February 2020.
23. Projects contained in the 2019/20 Annual Plan are subject to external consultation and engagement on a case-by-case basis.

**Internal Consultation (One Yarra)**

24. Managers and Directors were consulted during development of the 2019/20 Annual Plan Actions, and are responsible for providing quarterly updates on their progress against delivery of these Actions.

**Financial Implications**

25. Actions in the 2019/20 Annual Plan are resourced within the 2019/20 Budget.

**Economic Implications**

26. The *Council Plan 2017-21* includes the Strategic Objective *A prosperous Yarra: a place where Local businesses prosper and creative and knowledge industries thrive*. The 2019/20 Annual Plan includes 4 actions that respond to initiatives under this Strategic Objective.

### **Sustainability Implications**

27. The *Council Plan 2017-21* includes the Strategic Objective *A sustainable Yarra: a place where Council leads on sustainability and protects and enhances its natural environment*. The 2019/20 Annual Plan includes 9 actions that respond to initiatives under this Strategic Objective.

### **Social Implications**

28. The *Council Plan 2017-21* includes the Strategic Objective *A healthy Yarra: a place where community health, safety and wellbeing are a focus in everything we do*. The 2019/20 Annual Plan includes 6 actions that respond to initiatives under this Strategic Objective.

### **Human Rights Implications**

29. The *Council Plan 2017-21* includes the Strategic Objective *An inclusive Yarra: a place where inclusion, diversity and uniqueness are welcomed, respected and celebrated*. The 2019/20 Annual Plan includes 4 actions that respond to initiatives under this Strategic Objective.

### **Communications with CALD Communities Implications**

30. CALD groups were specifically targeted as part of the engagement plan for the *Council Plan 2017-21* and were represented in a group workshop which included Council's advisory groups.
31. Translation service assistance is available via Council's website for members of the CALD community and this service extended to the Council Plan engagement process.

### **Council Plan, Strategy and Policy Implications**

32. The 2019/20 Annual Plan represents Year 3 of the *Council Plan 2017-21* adopted on 1 August 2017.

### **Legal Implications**

33. There are no legal implications.

### **Other Issues**

34. There are no other issues.

### **Options**

35. The report does not include any options.

### **Conclusion**

36. The 2019/20 Annual Plan Quarterly Progress Report March 2020 is presented to Council for noting.
37. While the March result of 81% demonstrates significant progress of the 2019/20 Annual Plan, this result is not achievable at 30 June 2020 and will be impacted on by the COVID-19 pandemic and the organisation's response to it.
38. A further report will be presented to Council on the impact of COVID-19 on deliverability of the 2019/20 Annual Plan.

## RECOMMENDATION

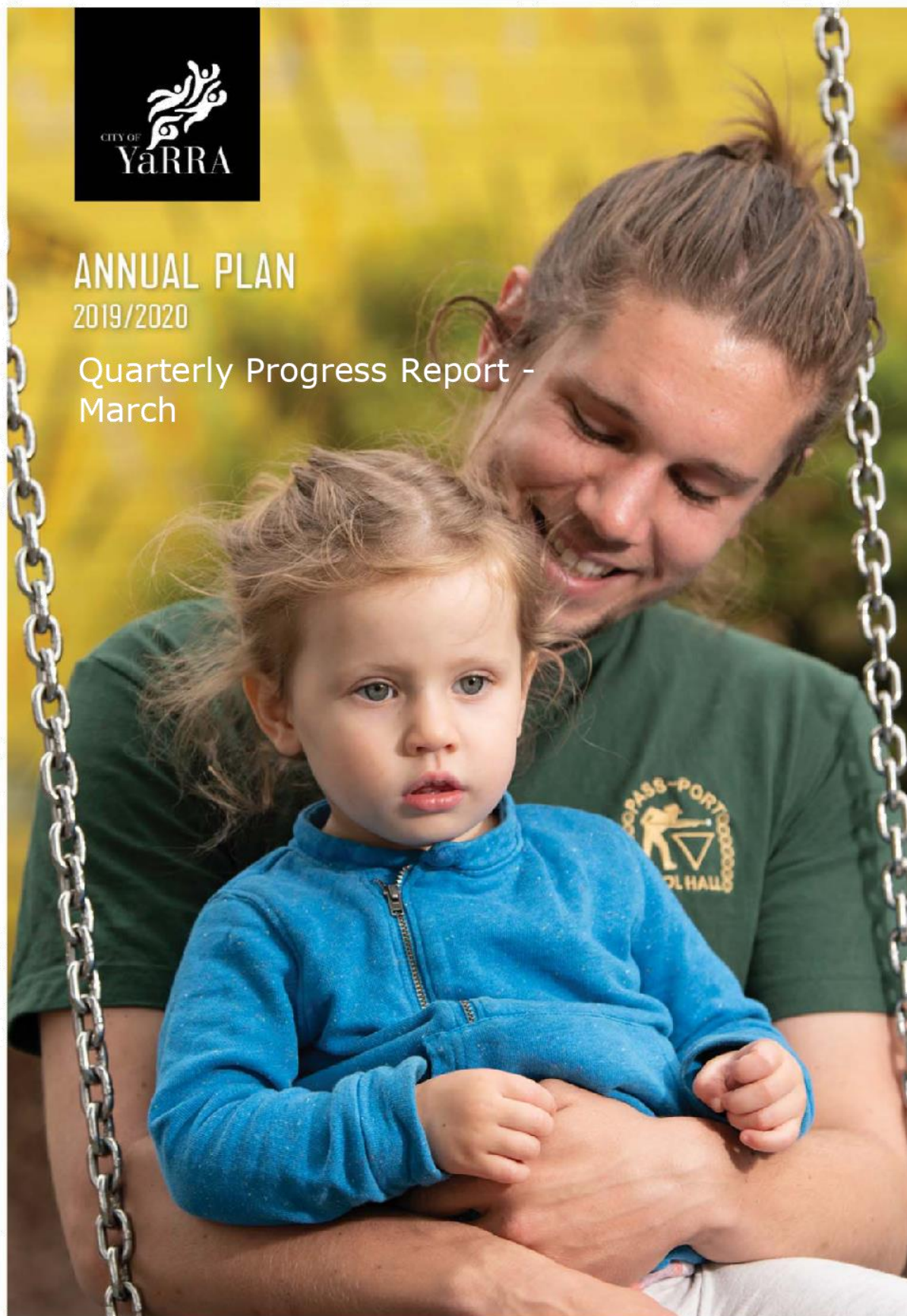
1. That Council:
  - (a) note the result as reported in the 2019/20 Annual Plan Quarterly Progress Report – March;
  - (b) acknowledge the significant impact the COVID-19 pandemic will have on the deliverability of 2019/20 Annual Plan actions by the end of June 2020; and
  - (c) receive a further Report on the impact of COVID-19 on the delivery of actions in the 2019/20 Annual Plan.

**CONTACT OFFICER:** Shane Looney  
**TITLE:** Corporate Planner  
**TEL:** 9205 5397

## Attachments

- 1 [↓](#) 2019-20 Annual Plan Quarterly Progress Report - March

Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March





## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

#### Introduction

The Yarra City Council adopted its Council Plan 2017 – 21 on 1 August 2017. The Council Plan 2017 – 21 sets out the medium-term direction of Council and the outcomes sought by Councillors for their term. For the first time, the Council Plan incorporates the Health and Wellbeing Plan. This financial year, 2019/20 is Year three of the Council Plan 2017 – 21.

Under the Local Government Act 1989 (the Act), each council is required to produce a four-year Council Plan by 30 June in the year following a general election. The Plan must include Strategic Objectives, Strategies, Strategic Indicators and a Strategic Resource Plan.

Council has identified a number of initiatives under each Strategic Objective which are significant projects and activities that are proposed to be worked on over the term of the Council Plan, subject to approval through the annual budget process.

Council produces an Annual Plan alongside each year's Budget, setting out specific projects and activities that Council will undertake towards achieving the Strategic Objectives. This will include priority projects, capital works projects, actions in response to initiatives in the Council Plan and other Council strategies and plans as well as service reviews and improvements.

The Council Plan 2017 – 21 has seven Strategic Objectives which relate to a different aspect of service delivery:

**A healthy Yarra:** Community health, safety and wellbeing are a focus in everything we do. Council plays a key role in contributing to our community's health and wellbeing. From delivering maternal and child health services to ensuring access to open space, enforcing noise regulations to supporting community and cultural initiatives, community health, safety and wellbeing is central to everything we do.

**An inclusive Yarra:** Inclusion, diversity and uniqueness are welcomed, respected and celebrated. Identity was a passionate and recurring theme throughout community consultation for the Council Plan. Our community values its diversity. Creating a safe place where people of all ages, genders, sexualities, abilities, cultures and backgrounds feel welcome and connected is a priority for Council.

**A sustainable Yarra:** Council leads on sustainability and protects and enhances its natural environment. As Victoria's first carbon-neutral council, we are proud of our commitment to sustainability. Protecting our natural environment and supporting our community to reduce its environmental footprint will continue to be a priority for Council.

**A liveable Yarra:** Development and growth are managed to maintain and enhance the character and heritage of the city. With demand for inner city housing increasing, Council is mindful of the importance of balancing the needs of new and existing residents, and ensuring that development does not encroach on the amenity or heritage of our city.

**A prosperous Yarra:** Local businesses prosper and creative and knowledge industries thrive. Yarra is a great place to do business and to work. Supporting local businesses and creative industries not only contributes to Yarra's economy, but also increases local employment opportunities, enhances street life and fosters community connectedness.

**A connected Yarra:** Connectivity and travel options are environmentally sustainable, integrated and well-designed. Council is committed to creating a city that is accessible to all irrespective of levels of personal mobility, to support a fulfilling life without the need for a car.

**A leading Yarra:** Transparency, performance and community participation drive the way we operate. Council is committed to change through an energised, cohesive team of professionals, recognised for our leadership, innovation and service.

In response to its Strategic Objectives, Council has committed to 43 projects and activities from a broad cross-section of services in the 2019/20 Annual Plan.

Progress of these projects and actions will be reported in the 2019/20 Annual Plan Quarterly Progress Reports. Further information can be found in the published version of the Council Plan 2017 – 21 on the City of Yarra's website (<https://www.yarracity.vic.gov.au/about-us/council-information/council-plan>).



## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

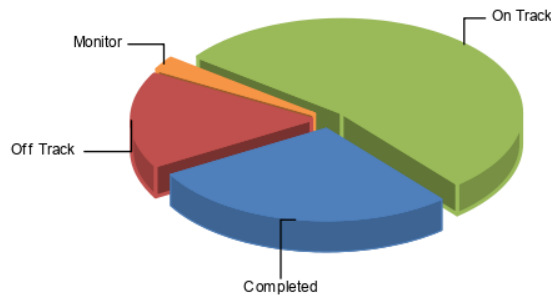
### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

#### Quarter Summary

Council has committed to 43 actions across a range of services. Any variations to the Annual Plan are made openly and transparently in the context of priorities that arise over the course of the year.

The status of actions is classified based on the percentage of targets achieved as assessed by the responsible officer (forecast milestones compared to actual work completed).



Strategic Objective	No. of Actions Reported	Complete	On track (>=90%)	Monitor (75-90%)	Off track (<75% )	Not Started
A healthy Yarra	6	0	5	0	1	0
An inclusive Yarra	4	1	1	0	2	0
A sustainable Yarra	9	1	6	0	2	0
A liveable Yarra	11	5	3	1	2	0
A prosperous Yarra	4	0	4	0	0	0
A connected Yarra	6	3	3	0	0	0
A leading Yarra	3	2	1	0	0	0
	43 (100%)	12 (27.91%)	23 (53.49%)	1 (2.33%)	7 (16.28%)	0 (0.00%)

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

#### 1. A healthy Yarra

a place where...Community health, safety and wellbeing are a focus in everything we do

Council plays a key role in contributing to our community's health and wellbeing. From delivering maternal and child health services to ensuring access to open space, enforcing noise regulations to supporting community and cultural initiatives, community health, safety and wellbeing is central to everything we do.

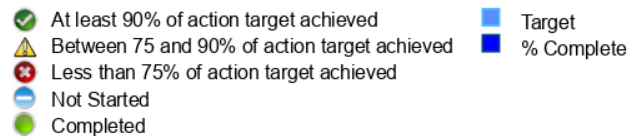
##### Strategies

Council's work to achieve this Strategic Objective includes the following strategies:

- 1.1 Maintain and enhance Yarra's open space network to meet the diverse range of community uses
- 1.2 Promote a community that is inclusive, resilient, connected and enjoys strong mental and physical health and wellbeing
- 1.3 Provide health promoting environments that encourage healthy eating and active living
- 1.4 Assist to reduce the harms from alcohol and drugs on individuals and the community in partnership with State Agencies and key service providers
- 1.5 Promote environments that support safe and respectful sexual practices, reproductive choices and gender equity
- 1.6 Promote a gender equitable, safe and respectful community
- 1.7 Promote an effective and compassionate approach to rough sleeping and advocate for affordable, appropriate housing
- 1.8 Provide opportunities for people to be involved in and connect with their community

The following actions are being undertaken in 2019/20 to work toward achieving Council's strategic objective of A healthy Yarra.

#### Action Progress Summary



Action	Start Date / End Date						
1.01 Yarra Open Space Strategy	01/07/19 30/06/20	0%	20%	40%	60%	80%	100%
1.02 National Aged and Disability Care Reforms	01/07/19 30/06/20	0%	20%	40%	60%	80%	100%
1.03 Yarra 0 to 25 Plan	01/07/19 30/06/20	0%	20%	40%	60%	80%	100%
1.04 Provision of boat storage and clubhouse facility design - Panther Pavilion	01/07/19 30/06/20	0%	20%	40%	60%	80%	100%
1.05 Ryan's Reserve Netball/Tennis Court and Pavilion	01/07/19 30/06/20	0%	20%	40%	60%	80%	100%
1.06 Malcolm Graham Pavilion - Kevin Bartlett Reserve	01/07/19 30/06/20	0%	20%	40%	60%	80%	100%

April 22, 2020

Page 4 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

#### 1.01 Yarra Open Space Strategy

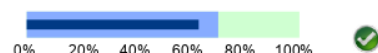
Council Plan initiatives:

Develop an open space strategy to ensure Yarra's public open space is managed as a functional network that encourages shared use and active living

Prepare a Planning Scheme Amendment to introduce the open space strategy into the Yarra Planning Scheme and increase the rate of contribution towards open space (Strategic Objective 4: A liveable Yarra)

The Yarra Open Space Strategy guides the future provision, planning, design and management of public open space in Yarra. The new Open Space Strategy is a renewed direction for the provision and enhancement of the open space network, including changes in community needs since the last strategy was developed. The strategy aims to achieve a cohesive, linked and well managed network of open space to meet the full range of residents' needs.

Following adoption of the new Open Space Strategy, Council will prepare a Planning Scheme amendment seeking to include open space design overlay controls in the Yarra Planning Scheme.



**Branch** City Strategy

##### Quarterly Milestones

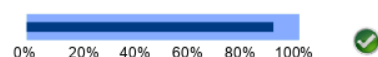
<b>September</b>	Brief Councillors on consultant's work and funding aspects Finalise draft Open Space Strategy technical report Refine analysis regarding priorities, locations and acquisition considerations
<b>December</b>	Present draft Open Space Strategy to Council for endorsement for public exhibition
<b>March</b>	Consider submissions and finalise Strategy Present Open Space Strategy to Council for adoption
<b>June</b>	Present report to Council seeking authorisation from the State Government for the amendment to be placed on public exhibition Formulate Planning Scheme amendment regarding open space contribution percentage
<b>Quarterly Progress</b>	Exhibition of draft strategy has been completed and submissions have been considered. A Councillor briefing is scheduled in May 2020.
<b>Comments</b>	

#### 1.02 National Aged and Disability Care Reforms

Council Plan Initiative:

Continue to implement the National Aged and Disability Care reforms and develop new strategic directions for support of older people and people with disability

The Federal Government is making major changes to the aged and disability care service system and this requires Council to determine its role and implement changes already announced.



**Branch** Aged and Disability Services

##### Quarterly Milestones

<b>September</b>	Make a submission to the National Disability Information, Linkages and Capacity Building – Economic and Community Participation grant program to support locally based community building initiatives
<b>December</b>	Continue to advocate directly and through the Municipal Association of Victoria to achieve the best outcomes for older people and people with disability from the national reform
<b>March</b>	Work with local partner agencies to maintain CHSP funding that support at risk groups to access basic support services Support residents currently within the Linkages service to transition to Home Care Packages by 31 March 2020, pending the Federal Government's final decision Subject to Federal Government decisions on the Commonwealth Home Support Program (CHSP), determine Council's position on future delivery of the program and individual services
<b>June</b>	Support the transition of the Regional Assessment Service to the new model adopted by the Federal Government by 1 July 2020, pending the Federal Government's final decision

April 22, 2020

Page 5 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March

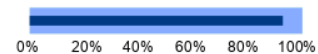
<b>Quarterly Progress Comments</b>	<p>Advocacy has occurred at MAV Strategy level meetings on the Regional Assessment Service (proposed model); Navigation models and MetroAccess program.</p> <p>The Disability Advisory Committee provided input to inform advocacy on NDIS. Input has also informed the submission to the Royal Commission on Quality Aged Care.</p> <p>The Federal Government has delayed the final decision on their service model and has reversed their decision to out source assessment services. Actions are on hold until the Government announces their new proposed model.</p>
------------------------------------	--

#### 1.03 Yarra 0 to 25 Plan

Council Plan initiative:

Continue to provide a range services and work collaboratively with external groups to improve the health and wellbeing of the Yarra community

Yarra's 0 to 25 Plan takes an integrated life-stage approach to guide priorities and actions relating to children, young people and their families. Council will work with external groups to improve the delivery of coordinated, responsive and evidence-based services.



**Branch** *Family, Youth and Children's Services*

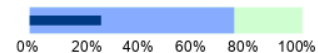
##### Quarterly Milestones

<b>September</b>	Coordinate delivery and promotion of Council programs and activities for children and young people across school holidays to provide better services
<b>December</b>	Review data from school survey of children and young people and facilitate with partners the Communities that Care Action Plan for 2020/21
<b>March</b>	Investigate areas of identified need in the Australian Early Development Census 2018 and other relevant data to improve service responsiveness
<b>Quarterly Progress Comments</b>	<p>AEDC findings were considered to develop programmatic responses in family and children's services including:</p> <ul style="list-style-type: none"> <li>- Trailing a new approach for Collingwood's kindergarten participation rates which resulted in increases in enrolments in sessional kindergarten</li> <li>- Promoting participation in a range of outdoor play a range of methods</li> <li>- Placement of final year speech pathology students at the Connie Benn Centre to improve language and cognitive skills for Fitzroy children and families identifies as requiring support</li> <li>- Partnership with Ardoch Foundation to access trained early years' education volunteers to work one-on-one with a child or group of children who need additional assistance in reading and literacy</li> <li>- Fitzroy Library providing regular Storytime outreach sessions at the Connie Benn Centre</li> </ul>

#### 1.04 Provision of boat storage and clubhouse facility design - Panther Pavilion

Panther Pavilion was identified as one of the highest priorities for investment in a recent report - Status of Council owned Sporting Facilities and Pavilion report. A design for the pavilion will guide future investment and enable the facility to better meet community needs now and into the future.

The Panther Pavilion currently stores around 227 boats within it and the Ivanhoe Northcote Canoe Club (INCC) wish to create a dedicated storage facility to enable the removal of boats from the club house. Removing the 227 boats from the Pavilion will be an important first step in enabling greater use and functionality of the Pavilion and enable design work to take place.



**Branch** *Recreation and Leisure Services*

##### Quarterly Milestones

<b>September</b>	Commence boat storage construction
<b>December</b>	Complete boat storage construction
<b>March</b>	Commence pavilion design
<b>June</b>	Complete pavilion design

April 22, 2020

Page 6 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

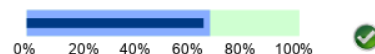
### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March

<b>Quarterly Progress</b>	Presentation at Councillors' Briefing in February to update project progress. Works have been suspended pending a decision by VCAT scheduled for May 2020.
<b>Comments</b>	

#### 1.05 Ryan's Reserve Netball/Tennis Court and Pavilion

Following a community campaign, the State Government reversed a decision to rezone Ryan's Reserve and has provided funding for a major upgrade of the netball courts and old pavilion. The redevelopment will include an upgrade of the pavilion to ESD (Environmentally Sustainable Design) and DDA (Disability Discrimination Act) requirements, resurfacing four netball courts, increasing run-off outside courts to meet competition standards, replacement of sports lights and alterations to boundaries and open space.



**Branch** Recreation and Leisure Services

##### Quarterly Milestones

**September** Apply for Planning Permit for pavilion and court works

**December** Complete court refurbishment works

**June** Commence pavilion refurbishment works

**Quarterly Progress** Stage 1 Netball Court Reconstruction has been completed. Schools, Richmond Netball Association and City Side Sports have commenced use.

**Comments** Stage 2 Pavilion construction has been delayed pending decision from Sport and Recreation Victoria.

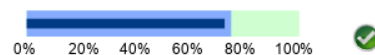
#### 1.06 Malcolm Graham Pavilion - Kevin Bartlett Reserve

State Government funding has been provided to refurbish Malcolm Graham Pavilion in Kevin Bartlett Reserve. The refurbishment and extension allow local clubs to grow, provide them greater flexibility and capacity to train, and boost their ability to host competitions.

The works will take place in two stages:

Stage 1 – Extension with two additional change rooms, storage areas, disability change and toilet facilities, first aid room and covered spectator viewing area

Stage 2 – Refurbish Pavilion that meets functional, DDA and environmental sustainability requirements



**Branch** Building and Asset Management

##### Quarterly Milestones

**September** Commence extension constructions works

**December** Complete extension construction works

**March** Commence refurbishment works for DDA and sustainability requirements

**June** Complete refurbishment works for DDA and sustainability requirements

**Quarterly Progress** Pavillion extension construction works completed.

**Comments** Refurbishment works for DDA compliance commenced ahead of schedule.

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

#### 2. An inclusive Yarra

a place where...Inclusion, diversity and uniqueness are welcomed, respected and celebrated

Identity was a passionate and recurring theme throughout community consultation for the Council Plan. Our community values its diversity. Creating a safe place where people of all ages, genders, sexualities, abilities, cultures and backgrounds feel welcome and connected is a priority for Council.






##### Strategies

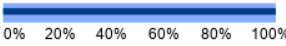

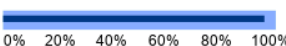





Council's work to achieve this Strategic Objective will include the following strategies:

- 2.1 Build resilience by providing opportunities and places for people to meet, be involved in and connect with their community
- 2.2 Remain a highly inclusive Municipality, proactive in advancing and advocating for the rights and interests of specific groups in the community and community issues
- 2.3 Continue to be a local government leader and innovator in acknowledging and celebrating Aboriginal history and culture in partnership with Traditional Owners
- 2.4 Acknowledge and celebrate our diversity and people from all cultural backgrounds
- 2.5 Support community initiatives that promote diversity and inclusion

The following actions are being undertaken in 2019/20 to work toward achieving Council's strategic objective of An inclusive Yarra.

#### Action Progress Summary

-  At least 90% of action target achieved
  -  Between 75 and 90% of action target achieved
  -  Less than 75% of action target achieved
  -  Not Started
  -  Completed
- Target  
■ % Complete

Action	Start Date / End Date		
2.01 Deliver the Volunteer Strategy and implementation plan	01/07/19 30/06/20		
2.02 Active and Healthy Ageing	01/07/19 30/06/20		
2.03 Social Justice Charter	01/07/19 30/06/20		
2.04 LGBTIQ Strategy	01/07/19 30/06/20		



## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

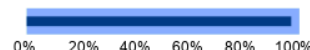
#### 2019/20 Annual Plan Quarterly Progress Report - March

##### 2.01 Deliver the Volunteer Strategy and implementation plan

Council Plan initiative:

Develop and adopt a Volunteer Strategy

Most community organisations in Yarra rely on volunteers and Council can support these groups in promoting their volunteer opportunities. A Volunteer Strategy and implementation plan will provide clear direction for Council in how it supports volunteering in Yarra.



**Branch** *People, Culture and Community*

##### Quarterly Milestones

**September** Present draft Volunteer Strategy and implementation plan to Council for adoption

**Quarterly Progress** Yarra's Volunteer Strategy 2019-2023 and Year One Action Plan was formally adopted at Council in September.

**Comments**

##### 2.02 Active and Healthy Ageing

Council Plan Initiative:

Work with the community and other levels of government and advocate to challenge discrimination, and address disadvantage, whether based on income, age, gender, sexuality, cultural background, religion or abilities

The Active and Healthy Ageing Strategy was developed with the support of Council's Active Ageing Advisory Group (AAAG). In the midst of the national aged care reforms, it provides an opportunity to consider strategic directions to ensure our 50+ residents remain engaged, active and independent.



**Branch** *Aged and Disability Services*

##### Quarterly Milestones

**September** Implement the Good Access is Good Business Project

Pilot new social support group model which is interest based, and combines centre and community based activities to better engage diverse groups

**December** Pilot age friendly approach to develop new initiatives in identified neighbourhoods that are vulnerable (SEIFA index)

Complete community consultation on opportunities for improvement and development of a Hub at the Collingwood Seniors Centre

**March** Evaluate new social support group model

**Quarterly Progress** The Good Access is Good Business activity will occur in the January 2020 to 30 June 2020 period. This change has occurred due to the cessation of the MetroAccess program and the need to re-orientate the work plan.

**Comments**

Consultants have been selected to undertake needs analysis and community consultation and desk top analysis for the development of a Hub at the Collingwood Seniors Centre and consultation has been completed this quarter.

Secured additional external funding to pilot age friendly approach in Richmond and Collingwood using an asset based community development framework. Two key projects commenced are: establishment of a Dementia Alliance, and a Seniors Participation Project.

##### 2.03 Social Justice Charter

Council Plan initiative:

Develop a social justice/human rights charter to better articulate council's commitment

The development of a Social Justice Charter for Council will provide an over-arching commitment to human rights which will then inform everything Council does. The Charter will be developed in consultation and engagement with stakeholders.

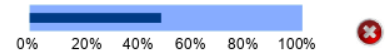
April 22, 2020

Page 9 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March



**Branch** *People, Culture and Community*

#### Quarterly Milestones

**September** Present draft Charter to Council for endorsement for public exhibition

**December** Present draft Charter to Council for adoption

**Quarterly Progress** Public exhibition of the draft Charter closed and submissions have been considered. Work on the final review of the Charter has been suspended due to changing priorities in light of the current pandemic emergency.

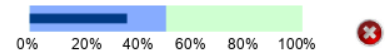
**Comments** The Social Justice Charter will be presented to Council once normal meeting cycles resume.

#### 2.04 LGBTIQ Strategy

Council Plan initiative:

Advocate to support social justice and community issues including preventing family violence, LGBTIQ rights, and welcoming refugees

Develop a whole of Council LGBTIQ strategy.



**Branch** *People, Culture and Community*

#### Quarterly Milestones

**December** Present draft Strategy to Council for endorsement for public exhibition

**June** Present draft Strategy to Council for adoption

**Quarterly Progress** A draft Strategy has been prepared and was scheduled to go to Council for endorsement to be placed on public exhibition. Progress has been suspended due to changing priorities in light of the current pandemic emergency.

**Comments** The draft LGBTIQ Strategy will be presented to Council once normal meeting cycles resume.

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

#### 3. A sustainable Yarra

a place where...Council leads on sustainability and protects and enhances its natural environment

As Victoria's first carbon-neutral council, we are proud of our commitment to sustainability. Protecting our natural environment and supporting our community to reduce its environmental footprint will continue to be a priority for Council.

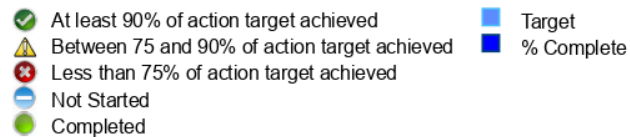
##### Strategies

Council's work to achieve this Strategic Objective will include the following strategies:

- 3.1 Investigate strategies and initiatives to better manage the long term effects of climate change
- 3.2 Support and empower a more sustainable Council and Community
- 3.3 Lead in sustainable energy policy and deliver programs to promote carbon neutral initiatives for the municipality and maintain Council as a carbon neutral organisation.
- 3.4 Reduce the amount of waste-to-landfill with a focus on improved recycling and organic waste disposal
- 3.5 Promote responsible water usage and practices
- 3.6 Promote and facilitate urban agriculture with a focus on increasing scale and uptake in the community
- 3.7 Investigate strategies and initiatives to improve biodiversity

The following actions are being undertaken in 2019/20 to work toward achieving Council's strategic objective of A sustainable Yarra.

#### Action Progress Summary



Action	Start Date / End Date	
3.01 Yarra Environment Strategy	01/07/19 30/06/20	<div><div></div></div> <div>0% 20% 40% 60% 80% 100%</div> <div></div>
3.02 Climate Emergency	01/07/19 30/06/20	<div><div></div></div> <div>0% 20% 40% 60% 80% 100%</div> <div></div>
3.03 Embedding Sustainability (including adaptation)	01/07/19 30/06/20	<div><div></div></div> <div>0% 20% 40% 60% 80% 100%</div> <div></div>
3.04 Review and update Council's Urban Agriculture guidelines	01/07/19 30/06/20	<div><div></div></div> <div>0% 20% 40% 60% 80% 100%</div> <div></div>
3.05 Actively Avoid and Reduce Waste	01/07/19 30/06/20	<div><div></div></div> <div>0% 20% 40% 60% 80% 100%</div> <div></div>
3.06 Commence holistic waste system trial in selected areas with 1300 households	01/07/19 30/06/20	<div><div></div></div> <div>0% 20% 40% 60% 80% 100%</div> <div></div>
3.07 Investigate replacing paved spaces with permeable surfaces	01/07/19 30/06/20	<div><div></div></div> <div>0% 20% 40% 60% 80% 100%</div> <div></div>
3.08 Edinburgh Gardens storm water harvesting project	01/07/19 30/06/20	<div><div></div></div> <div>0% 20% 40% 60% 80% 100%</div> <div></div>
3.09 Develop an Integrated Water Management Strategy	01/07/19 30/06/20	<div><div></div></div> <div>0% 20% 40% 60% 80% 100%</div> <div></div>

April 22, 2020

Page 11 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

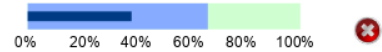
#### 2019/20 Annual Plan Quarterly Progress Report - March

##### 3.01 Yarra Environment Strategy

Council Plan initiative

Continue to be a leading Council and Municipality in the field of Environmental Sustainability

Yarra's Environment Strategy provides direction and actions required to integrate sustainable practices into Council's operations, as well as its community programs and services. Council has been developing a new Environment Strategy and this year will be seeking public comment on, and adopting, a new Environment Strategy.



Branch Sustainability

##### Quarterly Milestones

**December** Present draft Yarra Environment Strategy to Council seeking endorsement for public exhibition

**March** Consider submissions and finalise draft Strategy

**June** Present Yarra Environment Strategy to Council seeking adoption

**Quarterly Progress** A working draft Yarra Environmental Strategy has been prepared for consultation however the next stage has been delayed due to the current response to the pandemic emergency.

**Comments**

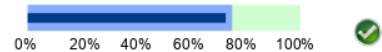
##### 3.02 Climate Emergency

Council Plan Initiative:

Promote programs that monitor and reduce emissions across the municipality and strive to maintain its carbon neutral status

Climate Emergency is a growing global movement that seeks to dramatically accelerate climate action to an emergency response by invoking mass-mobilisation of people and practices. Council's Community Greenhouse Action Plan will be renamed its Climate Emergency Plan in light of scientific advice that we have just 12 years to dramatically reduce greenhouse gas emissions before runaway climate change.

Council will develop a Climate Emergency Plan in partnership with the Yarra Energy Foundation (YEF) to support programs and initiatives to reduce its energy use and greenhouse emissions across the municipality.



Branch Sustainability

##### Quarterly Milestones

**December** Present draft Climate Emergency Plan (including plan to reduce organisational emissions) to Council seeking endorsement for public exhibition

Achieve certification for Council as a carbon neutral organisation

**March** Consider submissions and finalise draft Strategy

**June** Present Climate Emergency Plan and Action Plan to Council seeking adoption

**Quarterly Progress** A Draft Climate Emergency Plan went on public exhibition in January-February. Following review of submissions, a final draft has been prepared for Executive and Council consideration and adoption. Adoption may be delayed due to the current response to the pandemic emergency.

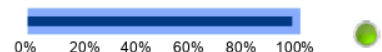
**Comments**

##### 3.03 Embedding Sustainability (including adaptation)

Council Plan Initiative:

Improve integration across environmental and sustainability policies and strategies

Council will continue to embed sustainability and adaptation across its decision making processes and report to Council on its progress.



Branch Sustainability

##### Quarterly Milestones

April 22, 2020

Page 12 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March

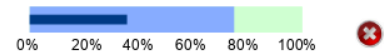
<b>September</b>	Present report to Council on ways to improve embedding sustainability and adaptation at Council
<b>March</b>	All new initiative bids include assessment through the Quadruple Bottom Line Tool
<b>Quarterly Progress</b>	The Quadruple Bottom Line Tool was introduced into the 2020/21 new initiative bid process and used to inform the project evaluation process.
<b>Comments</b>	

#### 3.04 Review and update Council's Urban Agriculture guidelines

Council Plan Initiative:

Showcase urban agriculture and support community initiatives in sustainable practices

In 2018/19, City of Yarra developed a new Urban Agriculture Strategy 2019 – 2023. The new Urban Agriculture Strategy moves toward a food systems approach comprising how food is grown, processed, distributed, consumed and recycled. Review of the Urban Agriculture Guidelines is an action within the new Urban Agriculture Strategy.



**Branch** City Works

##### Quarterly Milestones

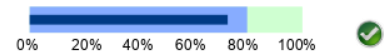
<b>September</b>	Commence guideline review processes
<b>December</b>	Consult internal and external stakeholder
<b>March</b>	Update draft Guidelines
<b>June</b>	Present report on new Guidelines to Council
<b>Quarterly Progress</b>	The evaluation of the Hardy Gallagher project is complete and learnings will be incorporated into the review of the guideline. The consultation activity has been delayed due to the Covid-19 incident, alternate way's to achieve this are being considered. Officers are working to prepare a draft report on the new guidelines in July.
<b>Comments</b>	

#### 3.05 Actively Avoid and Reduce Waste

Council Plan Initiative:

Reduce volume of kerbside waste collection per capita by behaviour change programs and increase of recycling. (Promote the use of recycled materials through procurement and advocacy)

Develop and deliver education/engagement program to encourage residents to consume mindfully as an initiative to reduce the volumes of waste materials going to landfill.



**Branch** City Works

##### Quarterly Milestones

<b>September</b>	Develop education / engagement campaign about waste reduction, avoidance, recycling and re-use Promote the use of recycled materials through procurement and advocacy
<b>December</b>	Commence delivery of campaign
<b>March</b>	Evaluate program
<b>June</b>	Brief Council on outcomes
<b>Quarterly Progress</b>	Delivery of the campaign commenced in November 2019 and has been completed and evaluation has commenced.
<b>Comments</b>	

#### 3.06 Commence holistic waste system trial in selected areas with 1300 households

Council Plan Initiative:

Investigate, implement and promote initiatives to divert organic waste from landfill

Undertake a trial aimed at introducing a holistic program to reduce volume of kerbside waste collection per capita by behaviour change programs and increase of recycling.

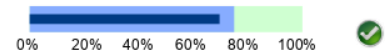
April 22, 2020

Page 13 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March



Branch *City Works*

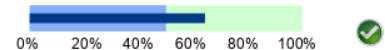
#### Quarterly Milestones

<b>September</b>	Commence collection of food and green waste and glass in selected trial areas
<b>December</b>	Evaluate trial program and brief Council on outcomes
<b>March</b>	Depending on outcome of trial, develop plan for delivery of holistic waste system municipal wide
<b>June</b>	Commence engagement, communication and marketing to get community ready for roll out
<b>Quarterly Progress</b>	Council endorsed the report to provide an holistic waste system municipal-wide, scheduled to commence next financial year.
<b>Comments</b>	

#### 3.07 Investigate replacing paved spaces with permeable surfaces

Council Plan initiative:  
Investigate feasibility of replacing road and paved space with permeable surfaces

Permeable surfaces have the potential to increase infiltration of water to the subsoil, act as a water retention system and reduce high run off rates during a storm event. Council will investigate and identify at least 3 possible trial sites for permeable surfaces to replace road or paved space. Identified trial sites will be delivered and sites, monitor/report to Council in following financial year.



Branch *Traffic and Civil Engineering*

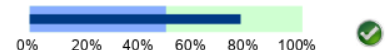
#### Quarterly Milestones

<b>December</b>	Report to Council on at least 3 possible trial sites for permeable surfaces
<b>June</b>	Deliver trial sites as identified in report to Council, and monitor/analyse for 6 month period
<b>Quarterly Progress</b>	Council officers have nominated 4 sites to introduce permeable surfaces; - Holtom St East Princes Hill – Introduce a permeable median between Lygon Street and McIlwraith Street completed.
<b>Comments</b>	- Intersection of Richardson Street and Nicholson Street Carlton North – Replace bluestone pavement with a permeable surface on one kerb outstand scheduled to be completed 2019/20 Financial Year - Roseneath Street Clifton Hill – Introduce a permeable median between the railway bridge and Clifton Avenue scheduled to be completed 2019/20 Financial Year. - Ramsden Street Oval car park - A joint project with the University of Melbourne to trial the possibility to introduce a permeable pavement to complement a stormwater harvesting system. The concept design has been completed and a bid submitted to DELWP seeking State funding.

#### 3.08 Edinburgh Gardens storm water harvesting project

Council Plan initiative:  
Continue to implement and promote evidence based water conservation initiatives

Council will design and commence installation of a large scale storm water harvesting system in Edinburgh Gardens to reduce potable water use, and better use storm water within the Gardens.



Branch *City Works*

#### Quarterly Milestones

<b>December</b>	Award contract for design and construction of the Edinburgh Gardens storm water harvesting project
<b>June</b>	Complete detailed design and site establishment for the Edinburgh Gardens storm water harvesting project
<b>Quarterly Progress</b>	The detailed design is complete pending COY and CWW comments. Site establishment doesn't need to be commenced before July 2020
<b>Comments</b>	

April 22, 2020

Page 14 of 33



## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

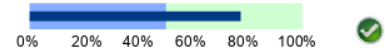
2019/20 Annual Plan Quarterly Progress Report - March

#### 3.09 Develop an Integrated Water Management Strategy

Council Plan initiative:

Continue to implement and promote evidence based water conservation initiatives

Undertake investigation of Council's water management assets, and use this to inform the development of an Integrated Water Management Strategy.



**Branch** City Works

#### Quarterly Milestones

**March** Brief Council on the findings from the investigations and analysis of Council's drainage infrastructure

**June** Develop a draft Water Management Strategy

**Quarterly Progress** Conducted initial investigation into drainage asset data accuracy and brick drains condition. Multiple service providers have been engaged to look into costs and available solutions.

**Comments** First draft of the Water Management Strategy completed. The focus now is shifting towards stakeholders consultation.

April 22, 2020

Page 15 of 33

# Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

## Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

### 4. A liveable Yarra

a place where... Development and growth are managed to maintain and enhance the character and heritage of the city

With demand for inner city housing increasing, Council is mindful of the importance of balancing the needs of new and existing residents, and ensuring that development does not encroach on the amenity or heritage of our city.








#### Strategies















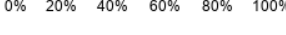

Council's work to achieve this Strategic Objective includes the following strategies:

- 4.1 Protect Yarra's heritage and neighbourhood character
- 4.2 Actively plan for Yarra's projected growth and development and advocate for an increase in social and affordable housing
- 4.3 Plan, promote and provide built form, open space that is accessible to all ages and abilities
- 4.4 Protect Council assets through effective proactive construction management
- 4.5 Encourage and promote environmentally sustainable building, urban design, place-making and public realm outcomes
- 4.6 Provide direction and improve decision making on infrastructure projects through the application of the Strategic Community Infrastructure Framework
- 4.7 Encourage engagement with the community when developments are proposed

The following actions are being undertaken in 2019/20 to work toward achieving Council's strategic objective of A liveable Yarra.

#### Action Progress Summary

-  At least 90% of action target achieved
-  Between 75 and 90% of action target achieved
-  Less than 75% of action target achieved
-  Not Started
-  Completed
-  Target
-  % Complete

Action	Start Date / End Date		
4.01 Development Contributions Plan – Planning Scheme Amendment	01/07/19 30/06/20		
4.02 Strategies for the hospital and education precincts	01/07/19 30/06/20		
4.03 Queens Parade Design and Development Overlay	01/07/19 30/06/20		
4.04 Built Form Analysis for Heidelberg Road, Alphington	01/07/19 30/06/20		
4.05 Built Form Analysis for Major Activity Centres	01/07/19 30/06/20		
4.06 Structure planning for Major Activity Centres in Yarra	01/07/19 30/06/20		
4.07 Negotiate Joint Use Agreement with Richmond High School	01/07/19 30/06/20		
4.08 Review and develop a framework for management of Council's own heritage assets	01/07/19 30/06/20		

April 22, 2020

Page 16 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

Action	Start Date		variance
	/ End Date		
4.09 Deliver Social and Affordable Housing Strategy	01/07/19	<div><div></div></div> 100%	<div><div></div></div>
4.10 Nicholson Village Bus Depot	01/07/19	<div><div></div></div> 100%	<div><div></div></div>
4.11 Progress the Yarra Planning Scheme rewrite	01/07/19	<div><div></div></div> 100%	<div><div></div></div>

April 22, 2020

Page 17 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

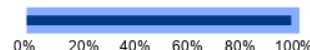
#### 2019/20 Annual Plan Quarterly Progress Report - March

##### 4.01 Development Contributions Plan – Planning Scheme Amendment

Council Plan Initiative:

Progress a Planning Scheme amendment to implement a Development Contribution Plan

Council approved a Development Contributions Plan (DCP) in 2018/19. The DCP will require developers to contribute to infrastructure upgrades like roads and footpaths and community facilities to help provide for the needs of our growing city. Council will prepare a Planning Scheme Amendment to implement the DCP approved by Council, for submission to the Minister of Planning for approval.



**Branch** Office of the Director Planning and Place Making

##### Quarterly Milestones

**September** Advocate to Minister for Planning to approve DCP Amendment post Council adoption

**December** Complete internal systems to capture contributions and systematically record receipt and acquittals (if approved)

**March** Implement system once approved by Minister for Planning

**Quarterly Progress** The Development Contributions Plan Planning Scheme amendment was lodged with the Minister's office mid 2019. Advocacy is ongoing at the regular meetings between the CEO and the Local Member of Parliament (also the Minister for Planning) and the Director Planning and Place Making with Executive officers urging the timely approval of the DCP Planning Scheme Amendment.

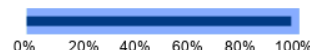
Internal systems have been developed to capture contributions and systematically record receipt and acquittals in readiness for the approval of Planning Scheme amendment.

##### 4.02 Strategies for the hospital and education precincts

Council Plan Initiative:

Prepare strategies for the Epworth and St Vincent's hospital precincts and the Australian Catholic University education precinct identified in Plan Melbourne 2017-2050

Council will scope proposal and engage with state agencies to prepare strategies for the hospital and education precincts around St Vincent's and Epworth hospitals, and the Australian Catholic University.



**Branch** City Strategy

##### Quarterly Milestones

**March** Scope proposal and seek engagement and support from state agencies

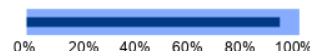
**Quarterly Progress** Council has been in discussion with State Government representatives responsible for the Hospital and Education portfolios and has been advised these precincts within Yarra are not current priorities and there is no available funding.

##### 4.03 Queens Parade Design and Development Overlay

Council Plan Initiative:

Prepare a Planning Scheme amendment seeking permanent development and design overlay controls for Queens Parade North Fitzroy

Council will prepare and exhibit a new Design and Development Overlay for the Queens Parade area of Fitzroy North to introduce improved planning policy and guidance for the area within the Yarra Planning Scheme.



**Branch** City Strategy

##### Quarterly Milestones

**September** Advocate Council's position at panel

**December**

April 22, 2020

Page 18 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March

Consider the report and recommendations of the Planning Panel and seek Council adoption of the Amendment

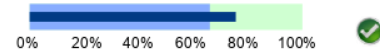
**Quarterly Progress Comments** A Report on this amendment was considered by Council in March. Two parts were adopted and one part deferred until the VCAT decision on a S39 appeal is determined.

#### 4.04 Built Form Analysis for Heidelberg Road, Alphington

Council Plan initiative:

Develop planning controls for Heidelberg Road, Alphington in conjunction with Darebin Council

Council will undertake built form analysis for Heidelberg Road, Alphington, which will be implemented by planning controls in the Yarra Planning Scheme.



**Branch** City Strategy

##### Quarterly Milestones

**December** Prepare draft Local Area Plan for consultation

**March** Seek Council consent to undertake consultation

**June** Finalise Local Area Plan and commence preparations for a Planning Scheme Amendment

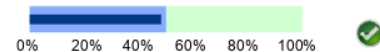
**Quarterly Progress Comments** Draft Local Area Plan has been prepared. Given community feedback seeking immediate interim planning controls, a draft Design and Development Overlay (DDO) has been prepared, rather than undertake community consultation. Council resolved in February 2020 to seek the Minister for Planning to introduce interim planning controls based on the draft DDO. Community consultation will occur on the draft Local Area Plan once a planning scheme amendment is prepared proposing permanent controls and the additional strategic planning work is completed by Darebin Council.

#### 4.05 Built Form Analysis for Major Activity Centres

Council Plan Initiative:

Prepare a built form analysis as part of the preparation of structure plans for major activity centres

Council will prepare Built Form Analysis to inform Structure Plans for the Brunswick Street /Smith Street Major Activity Centres in Yarra and to support the future preparation of Design and Development Overlays in the Yarra Planning Scheme.



**Branch** City Strategy

##### Quarterly Milestones

**September** Consider report on the Built Form Studies and commence preparation of a planning amendment for interim planning controls

**June** Seek Council consent to undertake consultation on draft studies and draft amendment

**Quarterly Progress Comments** The analysis work has been substantially completed with Council's endorsement in December 2019 to seek the introduction of interim planning controls from the Minister for Planning over centres within the Collingwood/Fitzroy precinct.

#### 4.06 Structure planning for Major Activity Centres in Yarra

Council Plan Initiative:

Continue to develop structure plans for Yarra's major activity centres which build on the unique character of each precinct

Council will prepare Built Form Analysis and Structure Plans for Major Activity Centres in Yarra to support the future preparation of Design and Development Overlays in the Yarra Planning Scheme.



**Branch** City Strategy

April 22, 2020

Page 19 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

#### Quarterly Milestones

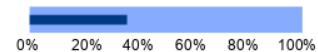
<b>September</b>	Complete background analysis report for Victoria Street and Bridge Road
<b>December</b>	Finalise draft Structure Plans
<b>March</b>	Seek Council consent to undertake community consultation
<b>June</b>	Report to Council seeking consideration of final Structure Plans
<b>Quarterly Progress</b>	Preliminary work is being undertaken, however the project has been delayed to prioritise resources required for Amendment C231 Queens Parade.
<b>Comments</b>	

#### 4.07 Negotiate Joint Use Agreement with Richmond High School

Council Plan Initiative:

Campaign for appropriate joint use agreements for shared use community facilities as part of the Richmond High School project

Council will work with the Department of Education and Training to develop a Joint Use Agreement for community facilities as part of the Richmond High School project.



**Branch** Office of the Director City Works and Assets

#### Quarterly Milestones

<b>September</b>	Continue to engage with School Principal regarding use of facilities in the precinct to determine the details of the Joint Use Agreements, including potential stakeholders and user groups for the school facilities
<b>December</b>	Finalise draft Joint Use Agreement with the School Principal
<b>March</b>	Seek School Council and Yarra City Council endorsement of Joint Use Agreement
<b>Quarterly Progress</b>	While the school has been keen in principle to collaborate and share resources the design of the school is such that the opportunities for community use of school facilities (beyond current access to the stadium and netball courts) is limited.
<b>Comments</b>	

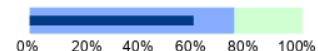
The new Principal is to start in Term 2 to continue negotiations however with the current disruption to schools nationally as an impact of the ongoing COVID emergency and restrictions on public movements ,we do not expect to continue negotiations until after June.

#### 4.08 Review and develop a framework for management of Council's own heritage assets

Council Plan initiative:

Strengthen the protection of Yarra's heritage through the planning scheme, education, and resource provision

Council will identify and assess properties with shared heritage value and update their statements of significance.



**Branch** CEO Office

#### Quarterly Milestones

<b>September</b>	Initiate preparation of a framework for management of Yarra's own heritage assets
<b>December</b>	Consult with internal and external stakeholders
<b>March</b>	Present a draft framework to Executive
<b>June</b>	Present a draft framework to Council
<b>Quarterly Progress</b>	Preparation of a framework for management of Yarra's own heritage assets commenced. Internal consultations have taken place. Completion of the draft is dependent on site visits and consultations which have been impacted on by the current Covid-19 restrictions.
<b>Comments</b>	

#### 4.09 Deliver Social and Affordable Housing Strategy

Council Plan Initiative:

April 22, 2020

Page 20 of 33



## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

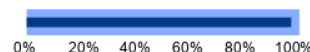
### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March

Advocate to federal and state governments through Yarra IMAP, MAV, ISMMF, VLGA on affordable and community housing.

Through Council Plans and other strategic documents, Council has expressed its commitment to maintain and support a socially, economically and culturally diverse community. This commitment is further evidenced by the financial support it has provided to the community housing sector, its resolute pursuit of affordable housing outcomes at major development sites and strategic advocacy to state and commonwealth governments.

A Social and Affordable Housing strategy, will encompass strategic directions for Council through its roles as a planning authority and community advocate.



**Branch** *Social Strategy and Community Development*

#### Quarterly Milestones

**September** Complete public exhibition/consultation  
Present draft Strategy to Council for adoption

**December** Commence implementation of strategy  
Support and participate in quarters 1 and 2 meetings

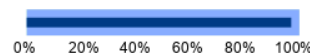
**Quarterly Progress Comments** The Social and Affordable Housing Strategy was adopted by Council in November 2019 along with an updated Policy Guidance Note: Affordable Housing Outcomes at Significant Developments.  
  
Implementation of the adopted Strategy commenced in November 2019 and is ongoing. The Strategy contains a mix of policy directions and specific activities. As committed in the Strategy, an annual update will be provided to Council on progress.

#### 4.10 Nicholson Village Bus Depot

Council Plan Initiative:

Develop planning controls for the Nicholson Street Bus Depot, North Fitzroy

Progress a built form analysis for the Nicholson Village Bus Depot Precinct.



**Branch** *City Strategy*

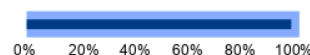
#### Quarterly Milestones

**September** Brief Councillors on a planning assessment for the bus depot site

**Quarterly Progress Comments** Council received a briefing in September on the outcomes of the review of the existing planning controls for the Nicholson Street Bus Depot site.

#### 4.11 Progress the Yarra Planning Scheme rewrite

The Planning Scheme sets out how land can be used, developed and protected. Council has been working on a major rewrite of the Planning Scheme to update areas of local policy that needed to be strengthened. This year Council will finalise the draft Planning Scheme and seek authorisation from the Minister for Planning to put it on exhibition for public consultation.



**Branch** *City Strategy*

#### Quarterly Milestones

**September** Continue to draft policies in the new format required by DELWP, and Continue to brief Councillors of the proposed policies

**December** Seek Council consent to seek 'authorisation' from the Minister for Planning to place on exhibition a draft new Yarra Planning Scheme

**March** If authorisation provided, brief Councillors on submissions received

April 22, 2020

Page 21 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March

<b>June</b>	Report back to Council post exhibition regarding submissions and recommend final planning scheme provisions
<b>Quarterly Progress Comments</b>	<p>Council endorsed a draft Local Planning Framework for the purpose of consultation and has sought authorisation from the Minister for Planning to exhibit the amendment and undertake community consultation. Preliminary contact has been made with resident community groups to outline the work and the amendment process.</p> <p>Council still awaits authorisation to enable community engagement.</p>

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

#### 5 . A prosperous Yarra

a place where...Local businesses prosper and creative and knowledge industries thrive

Yarra is a great place to do business and to work . Supporting local businesses and creative industries not only contributes to Yarra's economy , but also increases local employment opportunities, enhances street life and fosters community connectedness.








##### Strategies







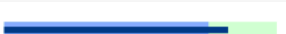

Council's work to achieve this Strategic Objective include the following strategies :

- 5.1 Maintain and strengthen the vibrancy and local identity of retail and commercial precincts
- 5.2 Strengthen and monitor land use change and economic growth including new and emerging economic clusters
- 5.3 Create local employment opportunities by providing targeted and relevant assistance to facilitate business growth, especially for small and medium size enterprises and entrepreneurs through the attraction and retention of businesses
- 5.4 Develop Innovative Smart City solutions in collaboration with government, industry and community that use technology to embrace a connected, informed and sustainable future
- 5.5 Facilitate and promote creative endeavour and opportunities for the community to participate in a broad range of arts and cultural activities
- 5.6 Attract and retain creative and knowledge industries in Yarra
- 5.7 Ensure libraries and neighbourhood houses support lifelong learning, wellbeing and social inclusion

The following actions are being undertaken in 2019/20 to work toward achieving Council's strategic objective of A prosperous Yarra.

#### Action Progress Summary

-  At least 90% of action target achieved
-  Between 75 and 90% of action target achieved
-  Less than 75% of action target achieved
-  Not Started
-  Completed
-  Target
-  % Complete

Action	Start Date / End Date		
5.01 Economic Development Strategy	01/07/19 30/06/20		
5.02 Local retail precincts	01/07/19 30/06/20		
5.03 Brunswick Street Streetscape Master Plan (BSSMP)	01/07/19 30/06/20		
5.04 Develop Yarra as a Smart City	01/07/19 30/06/20		

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

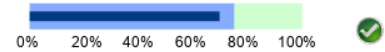
#### 2019/20 Annual Plan Quarterly Progress Report - March

##### 5.01 Economic Development Strategy

Council Plan initiative:

Promote the benefits of doing business locally including the benefit of access by walking and cycling

Yarra's Economic Development Strategy outlines how Council can best support economic development by fostering greater investment and jobs growth in the municipality. Council will review the current Strategy, including consultation with stakeholders, for adoption by Council.



**Branch** City Strategy

##### Quarterly Milestones

**September** Commence project inception

**December** Complete review and prepare draft strategy

**March** Seek Council consent to undertake consultation on draft strategy

**June** Finalise strategy and seek Council adoption

**Quarterly Progress Comments** A Report seeking Council endorsement to exhibit the Draft Economic Development Strategy has been prepared. Presentation to Council has been postponed as Council responds to the Covid-19 pandemic.

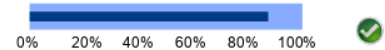
##### 5.02 Local retail precincts

Council Plan initiatives:

Promote the benefits of doing business locally including the benefit of access by walking and cycling

Engage with local traders, leasing agents and property owners to strengthen the viability of Yarra's activity centres such as Bridge Road including the activation of empty spaces

To support local retail precincts, this year Council will trial various marketing channels to help inform an annual marketing strategy to encourage residents to shop locally, with an emphasis on walking/cycling options, participate in State Government project to better manage retail vacancies using Bridge Road and Victoria Street as a pilot and complete Year 3 of the Victoria Street shop front improvement program.



**Branch** City Strategy

##### Quarterly Milestones

**September** Participate in revitalisation project sponsored by the Minister for Planning

Complete development of digital maps for 12 precincts that will provide content for marketing on various media and marketing platforms

**December** Promote and advocate the benefits of walking, cycling and supporting local businesses

**March** Complete third year program of shop front improvements in Victoria Street

**Quarterly Progress Comments** Digital maps have been completed for 4 retail precincts with the remaining 8 to be completed by June 2020.

Council officers are participating in the revitalisation project and have attended all project meetings to date.

Council implemented a shop local campaign in Nicholson Village targeting residents living 500m from the precinct, promoting and advocate the benefits of walking, cycling and supporting local businesses.

Permits have been approved for the designs for three shop front windows/facades on Victoria Street. Shade banners have been installed on 9 shops as part of the third year of shop front improvements in Victoria Street.

##### 5.03 Brunswick Street Streetscape Master Plan (BSSMP)

Council Plan Initiative:

Undertake at least three streetscape masterplans for shopping strips based on Place Making principles

Council will prepare a masterplan for the Brunswick Street activity centre, undertake consultation and seek adoption

April 22, 2020

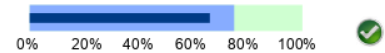
Page 24 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March

of final masterplan by Council.



**Branch** City Strategy

#### Quarterly Milestones

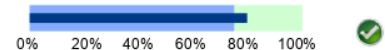
<b>September</b>	Finalise background report on issues, opportunities and vision
<b>December</b>	Seek Council consent to undertake consultation on background report
<b>March</b>	Prepare draft masterplan for Council consideration
<b>June</b>	Report back to Council post submissions
<b>Quarterly Progress</b>	Draft Brunswick Street Streetscape Master Plan has been completed and consultation is underway. Further refinement of the Master Plan will occur following consultation feedback.
<b>Comments</b>	

#### 5.04 Develop Yarra as a Smart City

Council Plan initiative:

Implement an innovation hub to bring people together to focus on creative solutions, enabling a culture of continuous improvement, innovation and collaboration

Collaborate with the local community and relevant stakeholders to ensure Yarra becomes a Smart City which delivers a connected, informed and sustainable future.



**Branch** Office of the Director City Works and Assets

#### Quarterly Milestones

<b>September</b>	Identify and implement the hub for smart and future city solutions (Yarra CityLab) Establish a dedicated Internet of Things network to enable Yarra and its community to connect
<b>March</b>	Connect with 20 Local Government Authorities and Industry organisations around smart city and smart infrastructure opportunities
<b>June</b>	Initiate 4 Internet of Things and smart city trials
<b>Quarterly Progress</b>	Yarra CityLab is operational as the Yarra's Smart City Office (hub for smart and future city solutions). The core foundation has been established which includes development and implementation of the strategy, governance structure, prioritisation process and measures/KPIs.
<b>Comments</b>	

38 connections have been made to date across smart and future technology industries, businesses, government and education sectors. Seven of these have been entered into our partnership ecosystem of smart city vendors, consultants and SMEs. This ecosystem will continue to be expanded on across the coming months.

A number of IoT and smart city trials are in place including: Yarra Science Play (Primary School STEM program), bin sensor and water quality and fill level sensors. Upcoming trials include AI pedestrian count technology, graffiti sensors and syringe bin sensors, and a smart screen trial.

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

#### 6 . A connected Yarra

a place where...Connectivity and travel options are environmentally sustainable, integrated and well-designed

Council is committed to creating a city that is accessible to all irrespective of levels of personal mobility, to support a fulfilling life without the need for a car.

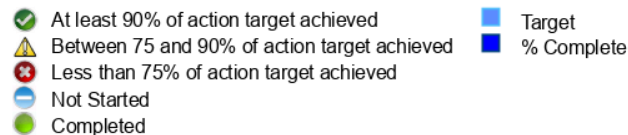
##### Strategies

Council's work to achieve this Strategic Objective includes the following strategies :

- 6.1 Manage traffic movement and promote road safety within local roads
- 6.2 Work in partnership with Vicroads and influence traffic management and road safety on main roads
- 6.3 Investigate and implement effective parking management options
- 6.4 Improve accessibility to public transport for people with mobility needs and older people
- 6.5 Develop and promote pedestrian and bicycle infrastructure that encourages alternate modes of transport, improves safety and connectedness
- 6.6 Advocate for increased infrastructure and performance of public transport across Melbourne

The following actions are being undertaken in 2019/20 to work toward achieving Council's strategic objective of A connected Yarra.

#### Action Progress Summary



Action	Start Date / End Date		
6.01 Variable parking trial and consultative forum	01/07/19 30/06/20	<div><div></div></div> 0% 20% 40% 60% 80% 100%	●
6.02 Low speed traffic environments	01/07/19 30/06/20	<div><div></div></div> 0% 20% 40% 60% 80% 100%	✓
6.03 Complete Wellington Street Bike Lane	01/07/19 30/06/20	<div><div></div></div> 0% 20% 40% 60% 80% 100%	●
6.04 Review Local Area Place Making Policy	01/07/19 30/06/20	<div><div></div></div> 0% 20% 40% 60% 80% 100%	✓
6.05 Advocate for Disability Discrimination Act compliant tram stops	01/07/19 30/06/20	<div><div></div></div> 0% 20% 40% 60% 80% 100%	●
6.06 Public Transport Advocacy	01/07/19 30/06/20	<div><div></div></div> 0% 20% 40% 60% 80% 100%	✓



## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March

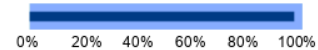
##### 6.01 Variable parking trial and consultative forum

Council Plan Initiative:

Continue to utilise data, technology and community consultation in considering the appropriate management of parking

A trial of variable paid parking options on Bridge Road commenced in 2018/19 to understand how variable pricing will influence occupancy rates of the on-street Bridge Road parking. Council will analyse trial data and consider options of variable pricing for different sections of Bridge Road and develop a template that can be applied to other locations within Yarra.

Council will consult with the community to seek further ideas and input into car-parking initiatives and the use of road space.



**Branch** *Compliance and Parking Services*

##### Quarterly Milestones

**September** Complete variable parking trial

**December** Hold a community consultative forum on parking and related matters  
Analyse data

**March** Present report to Council on results of trial to consider any further action

**Quarterly Progress** Variable parking trial has been completed and analysis of data undertaken. A report was presented to Councillors in December.

**Comments** A Parking forum was held in December, attended by over 80 residents and traders. A report was presented to Council briefing in February on the outcomes of the trial and forum.

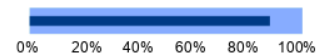
##### 6.02 Low speed traffic environments

Council Plan Initiative:

Continue to provide low speed environments and community education for pedestrians, cyclists, motor-cyclists and vehicle drivers and passengers

Yarra became the first council in Australia to trial a 30km/h area-wide speed limit in September 2018. The trial area is in the neighbourhood streets bordered by Alexandra Parade, Johnston Street, Hoddle Street and Nicholson Street and aims to create safer and more liveable streets, especially for people who walk and cycle. Council will continue to monitor the effectiveness of the trial and the potential for wider application across Yarra.

Council will advocate to State Government for reduced speed through activity centres on arterial roads to a consistent 40 km/h, including Nicholson Street and St Georges Road activity centres.



**Branch** *Traffic and Civil Engineering*

##### Quarterly Milestones

**September** Conclude 12 month 30km/h trial in Fitzroy and prepare initial report to Council

**December** Advocate to State Government for reduced speed through activity centres on arterial roads to a consistent 40 km/h, including Nicholson Street and St Georges Road activity centres

**March** Following analysis, present a report to Council on results of trial to consider any further action

**Quarterly Progress** Officers continue to negotiate with the Department of Transport over the retention of the current 30km speed limit, and wider application. The report to Council has been delayed as a result of the Department not resolving their current position, a report on these negotiations and the Department position will be provided to Council in April.

##### 6.03 Complete Wellington Street Bike Lane

Council Plan Initiative:

Complete construction of the Wellington Street Bike (Copenhagen style) Lane to Johnston Street

April 22, 2020

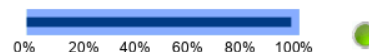
Page 27 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

## Council Plan 2017-2021 : Year 3

## 2019/20 Annual Plan Quarterly Progress Report - March

Council is extending the existing protected bike lanes on Wellington Street in Collingwood to provide a safer and better connected journey for cyclists. Construction of the bike lane on Wellington Street, between Gipps Street and Johnston Street, commenced in 2018/19 and will be completed this year.



**Branch** Strategic Transport

**Quarterly Milestones**

**September** Complete Stage 2 separated bicycle lane project

**Quarterly Progress** Construction of stage 2 of the wellington street bike lane was completed with formal launch by the Minister in October 2019.

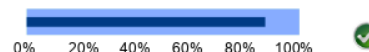
**Comments**

#### 6.04 Review Local Area Place Making Policy

Council Plan initiative:

Transition Local Area Traffic Management programs to Local Area Place Making programs

Council will review the Local Area Place Making policy following the transition from a Local Area Traffic Management approach to ensure appropriate coverage and inclusion of all relevant place making aspects.



**Branch** Traffic and Civil Engineering

**Quarterly Milestones**

**September** Undertake an internal review of the current policy

**March** Inform Council of results of internal review of policy

**Quarterly Progress** The review of the Local Area Place Making Policy has been completed and a report has been prepared for Executive which identifies future options. The report to Executive is scheduled for April.

**Comments**

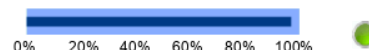
#### 6.05 Advocate for Disability Discrimination Act compliant tram stops

Council Plan Initiatives:

Continue to facilitate the upgrade of local tram stops to comply with the Disability Discrimination Act to support both access and viability of activity centres

Advocate to the state government for improved accessibility to public transport services

Public transport in the City of Yarra needs to be made more accessible for people with disability and to comply with the provisions of the Commonwealth Government's Disability Discrimination Act (1992) (DDA) and the Disability Standards for Accessible Public Transport (2002). Accessibility is at the forefront of ensuring independence and engagement for people 50+ and people with disability in our municipality.



**Branch** Strategic Transport

**Quarterly Milestones**

**September** Agree MOU with Yarra trams re DDA tram stops

**December** Provide advice on DDA trams stops on Brunswick Street as part of the streetscape master plan

**March** Continue to advocate for Disability Discrimination Act compliant tram stops on Bridge Road

**Quarterly Progress** Council continues to actively advocate for DDA compliant tram stops in Bridge Road near the Richmond Town Hall and at the eastern end of Bridge Road. Advice to improve tram stop safety on Brunswick Street and other locations within Yarra is occurring. Currently a study is being progressed by Yarra Trams and Public Transport Victoria on priorities for future budget allocations, this won't conclude for 12 months.

**Comments**

#### 6.06 Public Transport Advocacy

April 22, 2020

Page 28 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

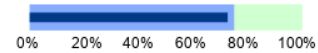
#### 2019/20 Annual Plan Quarterly Progress Report - March

Council Plan initiative:

Advocate to the State Government for improved accessibility to public transport services

Advocate for improved public transport services to meet population growth including Chandler Highway north-south bus route, Doncaster Rail, Hoddle Street Study, Airport Rail, MM2 and Alexandra Parade.

The North East Link (NEL) is a proposed \$16 billion freeway connection of the M80 Ring Road to the Eastern Freeway. The project also includes new cycle paths and construction of a busway on the Eastern Freeway. While the NEL is some distance from Yarra, it has the potential to bring large volumes of additional traffic to Yarra via the Eastern Freeway. In May 2019, Council resolved to make a formal submission on the NEL Project and Environment Effects Statement.



**Branch** Strategic Transport

#### Quarterly Milestones

<b>September</b>	Deliver Council submission to NEL Panel hearings including on the NEL busway and public transport solutions
<b>December</b>	Prepare mitigation plans and other projects to discuss with consortia if the NEL is tendered
<b>March</b>	Hold discussions with NEL consortia regarding Councils position
<b>June</b>	Provide briefing to Councillors on NEL updates and on ongoing public transport advocacy
<b>Quarterly Progress</b>	Draft mitigation plans have been prepared by a One Yarra officer group ready to be able to discuss with consortia.
<b>Comments</b>	

Advocacy to State Government on improved accessibility to public transport services continues.

North South bus route from Burnley Station towards Alphington has occurred with the Department of Transport.

Hoddle Street / Swan Street intersection completed by Department of Transport.

East West public transport along Alexandra Parade has been advocated for.

Elizabeth Street separated bike lanes trial ready to proceed.

Preliminary work on an Integrated Transport Plan commenced.

Advocacy for a new Johnston Street shuttle bus route link to Victoria Park station and Melbourne University (10 min schedule).

Ongoing advocacy for DDA tram stops in Bridge Road near Richmond Town Hall and also near Richmond Girls College Eastern end of Bridge Road).

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

2019/20 Annual Plan Quarterly Progress Report - March

#### 7. A leading Yarra

a place where...Transparency, performance and community participation drive the way we operate

Council is committed to change through an energised, cohesive team of professionals, recognised for our leadership, innovation and service.








##### Strategies




Council's work to achieve this Strategic Objective includes the following strategies:

- 7.1 Ensure Council's assets and financial resources are managed responsibly to deliver financial sustainability
- 7.2 Continue to develop a culture of continuous improvement and innovation
- 7.3 Maintain a culture of transparency, governance, ethical practice and management of risks that instils a high level of community respect and confidence in Council decision-making
- 7.4 Ensure Council services are efficient, well-planned, accessible and meet community needs
- 7.5 Provide the community with meaningful and genuine opportunities to contribute to and participate in Council planning and decision making processes with a focus on young people, hard to reach and traditionally underrepresented communities
- 7.6 Enable greater transparency and access to the conduct of Council Meetings
- 7.7 Develop innovative Smart City solutions in collaboration with Government, Industry and Community which will use open data technology
- 7.8 Continue a 'customer centric' approach to all service planning and delivery
- 7.9 Advocate for the best interests of our community

The following actions are being undertaken in 2019/20 to work toward achieving Council's strategic objective of A leading Yarra.

#### Action Progress Summary

-  At least 90% of action target achieved
  -  Between 75 and 90% of action target achieved
  -  Less than 75% of action target achieved
  -  Not Started
  -  Completed
-  Target  
 % Complete

Action	Start Date / End Date	
7.01 Community engagement	01/07/19 30/06/20	
7.02 Customer Experience Strategy 2019-2022	01/07/19 30/06/20	
7.03 Council meeting live streaming	01/07/19 30/06/20	

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

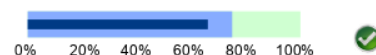
#### 2019/20 Annual Plan Quarterly Progress Report - March

##### 7.01 Community engagement

Council Plan initiative:

Design and deliver planned engagement processes to encourage community involvement in Council decision making in line with the Community Engagement Policy

Engaging our community and stakeholders is an important part of making decisions at Yarra. Our community engagement policy sets out our commitment to inclusive community engagement. Council is undertaking a number of community consultations and engagements in 2019/20 involving targeted methods to reach out to traditionally under-represented groups and creative approaches to involve broad representation of the community.



Branch *Advocacy and Engagement*

##### Quarterly Milestones

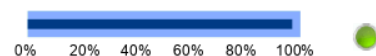
<b>September</b>	Utilise digital mapping tools to engage a wide demographic of residents in the North Carlton LAPMS engagement process
<b>December</b>	Partner with the finance branch to deliver a municipal-wide early 2020/21 budget consultation
<b>March</b>	Present refreshed Community Engagement Policy (with a greater focus on tailored engagement to our diverse community) to Council for adoption
<b>June</b>	Commence implementation of Engagement Policy year 1 actions
<b>Quarterly Progress Comments</b>	Council briefing on progress of the refresh of the Community Engagement Policy completed. Presentation of the revised Policy to Council has been postponed while the new Local Government Act was being passed by Parliament.

##### 7.02 Customer Experience Strategy 2019-2022

Council Plan Initiative:

Continue to implement strategies that enhance customer and community experience with Council across services

Our approach is to create experiences where we value our connection, engagement and relationship with every customer and provide consistency, ease and speed across all customer channels.



Branch *Customer Service*

##### Quarterly Milestones

<b>September</b>	Promote and implement Customer Experience Strategy
<b>March</b>	Develop customer journey maps for high volume/high impact requests
<b>Quarterly Progress Comments</b>	The Customer Experience Strategy outlines a three year road map of improvements to support internal and external service experience transformation. First stages of promotion and implementation and has engaged leaders across the organisation.

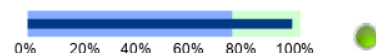
The target milestones have evolved since original inception and mapping is taking a wider approach.

##### 7.03 Council meeting live streaming

Council Plan initiative:

Implement a cost effective system to broadcast Council meetings

Commission and install equipment and infrastructure to enable live streaming of Council meetings from Collingwood, Fitzroy and Richmond Town Halls. Commence live streaming meetings with the Ceremonial Meeting in November 2019.



Branch *CEO Office*

##### Quarterly Milestones

**September**

April 22, 2020

Page 31 of 33

## Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March

### Council Plan 2017-2021 : Year 3

#### 2019/20 Annual Plan Quarterly Progress Report - March

	Develop project scope and undertake procurement process
<b>December</b>	Stream ceremonial meeting from Collingwood Town Hall
	Install and commission equipment
<b>March</b>	Commence streaming of ordinary meetings from Fitzroy Town Hall
<b>June</b>	Commence streaming of ordinary meetings from Richmond Town Hall
<b>Quarterly Progress</b>	All equipment has been installed and commissioned. Two meetings were streamed from Richmond Town Hall in November 2019 including the Ceremonial Meeting as a 'soft launch' of the initiative. The December Council meeting at Fitzroy Town Hall, was successfully streamed.
<b>Comments</b>	



## **Attachment 1 - 2019-20 Annual Plan Quarterly Progress Report - March**

### **Council Plan 2017-2021 : Year 3**

2019/20 Annual Plan Quarterly Progress Report - March

*April 22, 2020*

*Page 33 of 33*

---

## 11.7 Report on Assemblies of Councillors

---

Trim Record Number: D20/37757

Responsible Officer: Group Manager Chief Executive's Office

### Purpose

1. To provide a report on Assemblies of Councillors.

### Background

2. The *Local Government Act* 1989 (The Act) requires that ... "The Chief Executive Officer must ensure that the written record of an Assembly of Councillors is, as soon as practicable:
  - (a) reported at an ordinary meeting of the Council; and
  - (b) incorporated in the minutes of that Council meeting.....".
3. This report includes all Assemblies of Councillors reported to the Governance Department at the cut-off date that have not already been reported to Council. Assemblies held prior to the cut-off date that are not included here will be included in the next report to Council.

### Consultation

4. Not applicable.

### Financial Implications

5. Not applicable.

### Economic Implications

6. Not applicable.

### Sustainability Implications

7. Not applicable.

### Climate Emergency Implications

8. Not applicable.

### Social Implications

9. Not applicable.

### Human Rights Implications

10. Not applicable.

### Communications with CALD Communities Implications

11. Not applicable.

### Council Plan, Strategy and Policy Implications

12. Not applicable.

### Legal Implications

13. The Act requires the above information be reported to a formal Council Meeting and also be recorded into the Minutes of the Council.

### Other Issues

14. Not applicable.

### Options

15. Nil.

## Conclusion

16. That Council formally note and record the Assemblies of Councillors report as detailed in ***Attachment 1*** hereto.

## RECOMMENDATION

1. That Council formally note and record the Assemblies of Councillors report as detailed in ***Attachment 1*** hereto.

**CONTACT OFFICER:** Mel Nikou  
**TITLE:** Administration Officer - Governance Support  
**TEL:** 9205 5158

## Attachments

- 1 [!\[\]\(67ff022fd78f943b679992c2874bbfd1\_img.jpg\)](#) Assembly of Councillors Report - May 2020

## Attachment 1 - Assembly of Councillors Report - May 2020

### Record of Assemblies of Councillors

<b>Report cut-off</b>	13 April 2020
<b>Council Meeting</b>	5 May 2020

This report includes all Assemblies reported to the Governance Department at the cut-off date that have not already been reported to Council. Assemblies held prior to the cut-off date that are not included here will be included in the next report to Council.

Assembly	Attendance	Matters considered	Disclosures
<b>Special Councillors Briefing</b> 25 February 2020 6.00pm	<b>Councillors</b> <ul style="list-style-type: none"> <li>• Cr Misha Coleman</li> <li>• Cr Danae Bosler</li> <li>• Cr Jackie Fristacky</li> <li>• Cr James Searle</li> <li>• Cr Amanda Stone</li> </ul> <b>Officers</b> <ul style="list-style-type: none"> <li>• Vijaya Vaidyanath</li> <li>• Ivan Gilbert</li> <li>• Bruce Phillips</li> <li>• Chris Leivers</li> <li>• Diarmuid McAlary</li> <li>• Lucas Gosling</li> <li>• Gracie Karabinis</li> <li>• Stewart Martin</li> <li>• Grant Kelly</li> <li>• Aoife Mulligan</li> </ul>	1. Parking Forum	Nil

## Attachment 1 - Assembly of Councillors Report - May 2020

Assembly	Attendance	Matters considered	Disclosures
<b>Councillors Briefing</b> 2 March 2020 6.30pm	<b>Councillors</b> <ul style="list-style-type: none"> <li>• Cr Mi-Lin Chen Yi Mei</li> <li>• Cr Danae Bosler</li> <li>• Cr Jackie Fristacky</li> <li>• Cr Bridgid O'Brien</li> <li>• Cr James Searle</li> <li>• Cr Amanda Stone</li> </ul> <b>Officers</b> <ul style="list-style-type: none"> <li>• Vijaya Vaidyanath</li> <li>• Ivan Gilbert</li> <li>• Bruce Phillips</li> <li>• Chris Leivers</li> <li>• Diarmuid McAlary</li> <li>• Lucas Gosling</li> <li>• Gracie Karabinis</li> <li>• Mark Montague</li> <li>• Aaron Gerrard</li> <li>• Julie Wyndham</li> <li>• Sarah Jaggard</li> <li>• Peter Moran</li> <li>• Fiona Van der Hoeven</li> <li>• Malcolm McCall</li> <li>• Julia Bennett-Mitrovski</li> <li>• Cristina Del Frate</li> <li>• Adrian Murphy</li> <li>• Rhys Thomas</li> <li>• Graham Davis.</li> </ul>	1. North Richmond Community Health 2. Syringe Management Issues 3. Finance Report - January 2020 4. Budget Workshop 4 Discussion 5. Yarra City Council and Neighbourhood Houses Partnership Strategy and Action Plan 2018 - 2021 Annual Progress Report 6. Confidential 7. Possible establishment of Council Advisory Committees 8. Zero Carbon in the Yarra Planning Scheme 9. Studley and Yarra Street Parking Matter 10. Review Forward Report Schedule 11. Agenda Review 12. Potential Pandemic Plan in event of Government enacting	Nil

## Attachment 1 - Assembly of Councillors Report - May 2020

Assembly	Attendance	Matters considered	Disclosures
<b>Yarra Arts Advisory Committee (YAARTS)</b> 4 March 6.10pm	<b>Councillors</b> <ul style="list-style-type: none"> <li>• Cr Mi-Lin Chen Yi Mei</li> <li>• Cr Bridgid O'Brien</li> </ul> <b>Officers</b> <ul style="list-style-type: none"> <li>• Brona Keenan</li> <li>• Jessica Matrakis</li> </ul>	<ol style="list-style-type: none"> <li>1. Arts and Cultural Strategy development</li> <li>2. Annual Grants Program - Arts and Culture</li> <li>3. Collingwood Arts Precinct/Collingwood Yards update</li> <li>4. Room to Create Studio Program at Collingwood Yards update</li> </ol>	Nil
<b>Disability Advisory Committee</b> 10 March 4.30pm	<b>Councillors</b> <ul style="list-style-type: none"> <li>• Cr Danae Bosler</li> <li>• Cr Stephen Jolly</li> </ul> <b>Officers</b> <ul style="list-style-type: none"> <li>• Adrian Murphy</li> <li>• Cheryl Gray</li> <li>• Nina Collins</li> <li>• Christian Lundh</li> </ul>	<ol style="list-style-type: none"> <li>1. Business arising: rep from Collingwood children's farm to be invited Department transport not completing works to a level that provides accessibility</li> <li>2. Upgrade to the former police station design</li> <li>3. DAC Core business</li> <li>4. Access and Inclusion updates- including budget process and Metro Access</li> <li>5. Access and Inclusion Action Plan- goal areas and priorities as identified by DAC</li> <li>6. Consultation for State Disability Action Plan 2021-2024 re DACs feedback</li> <li>7. Members individual reports</li> </ol>	Nil



## Attachment 1 - Assembly of Councillors Report - May 2020

Assembly	Attendance	Matters considered	Disclosures
<b>Councillors Briefing</b> 16 March 2020 6.30pm	<b>Councillors</b> <ul style="list-style-type: none"> <li>• Cr Mi-Lin Chen Yi Mei</li> <li>• Cr Danae Bosler</li> <li>• Cr Bridgid O'Brien</li> <li>• Cr James Searle</li> <li>• Cr Amanda Stone</li> </ul> <b>Officers</b> <ul style="list-style-type: none"> <li>• Vijaya Vaidyanath</li> <li>• Ivan Gilbert</li> <li>• Bruce Phillips</li> <li>• Chris Leivers</li> <li>• Lucas Gosling</li> <li>• Gracie Karabinis</li> <li>• Mark Montague</li> <li>• Peter Moran</li> <li>• Matthew Veale</li> </ul>	1. Studley Street and Yarra Street – Parking, Access and safety 2. Confidential 3. Review Forward Report Schedule 4. Agenda Review 5. COVID-19	Nil

---

**12.1 Notice of Motion No. 5 of 2020 - Advocacy for Council Job Retention Allowance**

---

Reference: D20/74174

Authoriser: Group Manager Chief Executive's Office

I, Councillor James Searle, hereby give notice that it is my intention to move the following motion at the Ordinary Meeting of Council to be held on 5 May 2020:

*"That Council:*

- (a) notes the over 1,000 workers employed by the City of Yarra, many of whom are Yarra residents;*
- (b) notes the dramatic impact the COVID-19 crisis has had and will continue to have on Yarra's financial sustainability;*
- (c) notes that the Federal Government's JobKeeper scheme eligibility specifically excludes local government workers; and*
- (d) notes that the NSW State Government has introduced a \$112.5 million Council Job Retention Allowance of \$1,500 per fortnight per employee to fill the gap in the JobKeeper scheme and support job retention in local government.*

*That Council advocates to the Victorian Premier, Treasurer, Local Government Minister and any other relevant ministers to urgently introduce a Victorian Council Job Retention Allowance (or similar scheme), with eligibility for the scheme including casual workers."*

## **RECOMMENDATION**

1. That Council:
  - (a) notes the over 1,000 workers employed by the City of Yarra, many of whom are Yarra residents;
  - (b) notes the dramatic impact the COVID-19 crisis has had and will continue to have on Yarra's financial sustainability;
  - (c) notes that the Federal Government's JobKeeper scheme eligibility specifically excludes local government workers; and
  - (d) notes that the NSW State Government has introduced a \$112.5 million Council Job Retention Allowance of \$1,500 per fortnight per employee to fill the gap in the JobKeeper scheme and support job retention in local government.
2. That Council advocates to the Victorian Premier, Treasurer, Local Government Minister and any other relevant ministers to urgently introduce a Victorian Council Job Retention Allowance (or similar scheme), with eligibility for the scheme including casual workers.

## **Attachments**

There are no attachments for this report.

---

## 11.8 COVID-19 Business Support Grants - First Round Guidelines

---

Reference: D20/74040

Authoriser: Director Planning and Place Making

### Purpose

1. To seek Council endorsement for the 1<sup>st</sup> round guidelines for the *COVID-19 Business Support Quick Response Grants*, as part of the endorsed overall *COVID-19 Business and Community Support Package*.

### Background

2. Coronavirus disease 2019 (COVID-19) is an infectious disease caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). The disease was first identified in December 2019 and has since spread globally, resulting in the ongoing 2019–20 coronavirus pandemic. COVID-19 is a new disease, so there is no existing immunity in our population. This means that COVID-19 could spread widely and quickly.
3. The Australian Health Sector Emergency Response Plan for Novel Coronavirus (the COVID-19 Plan) guides the Australian health sector response.
4. The Victorian Government is directing all Victorians to stay at home, restricting sporting, cultural, recreational and commercial activities to help limit the spread of COVID-19.
5. The presence of COVID-19 in communities around the world has led to an unprecedented global health emergency. In turn, this has seen the mobilisation of actions by governments, health authorities and relief agencies on a scale that is rapidly changing and difficult to fully comprehend.
6. The COVID-19 pandemic and the public health response (e.g. mandatory social isolation measures) is having considerable negative impacts for our community and local economy over the coming months and years.
7. Local businesses and their employees are experiencing dramatic disruption and uncertainty. The first exposed sectors were arts and recreation services, accommodation and food services and retail trade.

### **City of Yarra COVID-19 Community and Economic Support Package**

8. At a special confidential meeting of Council on 2 April, Council resolved to support the implementation of the *COVID-19 Community and Economic Support Package*, which included a range of supports aimed at Businesses in Yarra.
9. The Community and Economic Support Package contains three key components. Some of the elements of the overall package overlap but generally comprise:
  - (a) Support and information for Yarra's Business Sector, or **Covid-19 Business Package**;
  - (b) General financial supports and fee waivers for residents, supported by the **Hardship Policy** and **COVID-19 Financial Hardship Policy**; and
  - (c) A range of community supports detailed within the **City of Yarra – COVID-19 Community Support Package**.
10. The *COVID-19 Business Support Quick Response Grants*, represents a critically important component of Council's overall support for Yarra based businesses
11. The parts of the resolution that relate specifically to business support included endorsement of a *COVID-19 Business Package*, encompassing *Local Business Support Initiatives* for the Yarra business community and directed officers to implement these initiatives.

12. The intent of the Package was to attempt to fill potential gaps that are not being addressed by the federal, state and other economic responses.
13. Officers committed to providing a further report on developing economic stimulus and relief offers can be provided once all the Federal and State initiatives have been implemented and reflections on what other aspects may be needed to support local business. This work is progressing and will be the subject of a future report.
14. Council also supported the development and implementation of a *Business Support Fund*, with a total value of \$500,000 and resolved that officers would also provide a report outlining the guidelines and priority areas.
15. The intent of this report is to report back to Council on the proposed process and grant guidelines for round 1 of the business support grants.
16. The draft of the 1<sup>st</sup> round guidelines for the *COVID-19 Business Support Quick Response Grants* can be found in attachment 1.
17. The draft guidelines have been developed by officers based on the types of requests for funding support coming from the business community and the need to provide support for adaptive, responsive and recovery based support during the current health emergency.
18. The guidelines are intended to be both simple and broad to ensure that as many Yarra based businesses can be eligible, without duplicating supports provided by other levels of government.
19. The Commonwealth and Victorian Governments are implementing a range of strategies and measures to support businesses and households.
  - (a) Commonwealth Government: JobKeeper payment, temporary cash flow support, temporary relief for financially distressed businesses, increasing the instant asset write-off, backing business investment, supporting apprentices and trainees, increased and accelerated income support, the Coronavirus SME Guarantee Scheme, and early access to superannuation;
  - (b) Victorian Government: Payroll Tax Refund, Business Support Fund, liquor licence fees waived, the Working for Victoria Fund, fast tracking outstanding supplier invoices, rent relief for commercial tenants in government buildings, and the Business Victoria hotline; and
  - (c) Commonwealth and State Governments: Evictions placed on hold over the next six months for commercial and residential rental tenants in financial distress.
20. Successive Victorian local governments have since released a series of packages aimed at providing additional support to their respective communities.
21. The *City of Yarra COVID-19 Community and Economic Support Package* attempts to ease the impacts of this pandemic on our community, especially for those local businesses and community members who have been disproportionately affected.

### External Consultation

22. No formal external consultation has occurred, however Council has received a range of requests for funding support from Businesses across the municipality.
23. The Chief Executive Officer has identified and appointed a number of eminent persons with connections to Yarra to an Independent panel, for the purposes of assessing the merits of any applications received and providing recommendations to the CEO for funding support.
24. Once endorsed, the guidelines will be referred to the independent panel for use as a tool in assessing the merit of applications.
25. Following implementation, officers will provide Council with a full list of both successful and unsuccessful grants applications.

**Internal Consultation (One Yarra)**

26. At Council briefing on 6 April, officers outlined the proposed process for the classification of the various activities contained within the support package.
27. As outlined in the briefing, the draft guidelines were to be firstly considered by all of the independent members of Council's internal audit committee.
28. The committee members have now considered the guidelines and consider the process outlined within to be appropriate.
29. It was further proposed that, following the audit committee feedback that, officers would then bring the guidelines back to Council for further feedback and endorsement, prior to them being released to the community.
30. Following endorsement, officers would propose to immediately make the guidelines available to the public and seek applications from Yarra businesses for a period of 10 days.
31. Grants will be promoted via the corporate website, Yarra Life newsletter, Business newsletter, Arts & Culture newsletter along with social media. The business advisory group and traders groups will also be notified.
32. Once the application period is closed, officers would collate the applications and refer them to the independent panel for assessment, and subsequent recommendations to the CEO.

**Financial Implications**

33. The initial allocation of funds for quick response grants totals \$160,000.  
This amount comes out of the total \$500,000 pool, of which \$200,000 is allocated to this financial year. The remaining funds will be allocated to the recovery phase.

**Economic Implications**

34. The full effects of COVID19 are yet to be realised, however it is clearly apparent that it is having a profound impact on all industry types and sectors.
35. Yarra is home to over 16,000 businesses which fall under the bracket of sole trader or small to medium (SME). 98% of Yarra businesses meet this criteria and are eligible to apply for the funding.
36. These grants aim to provide sole traders and small business owners funding to assist them transition to a new economy where business plans are required to be rethought and adapted, specialised training may be required, e-commerce functionality becomes a necessity and small capital works may be required to adhere to social distancing requirements.
37. By assisting business make these adjustments, there is a far greater chance that they will be able to not only survive, but also recover quicker – allowing them to continue to contribute to the Yarra economy.

**Sustainability Implications**

38. None

**Climate Emergency Implications**

39. None

**Social Implications**

40. By providing grants we are providing much needed support that may result in keeping businesses operational.

**Human Rights Implications**

41. There are no specific human rights implications to this report.

**Communications with CALD Communities Implications**

42. There have been no specific consultations with CALD communities in relation to the Business Support Grants.

**Council Plan, Strategy and Policy Implications**

43. The Package corresponds to the following strategies in the Council Plan:
- (a) 1.2 Promote a community that is inclusive, resilient, connected and enjoys strong mental and physical health and wellbeing;
  - (b) 1.8. Provide opportunities for people to be involved in and connect with their community;
  - (c) 5.3. Create local employment opportunities by providing targeted and relevant assistance to facilitate business growth, especially for small and medium size enterprises and entrepreneurs through the attraction and retention of businesses; and
  - (d) 7.4. Ensure Council services are efficient, well-planned, and accessible and meet community needs.

**Legal Implications**

44. There are no specific legal implications for this report.
45. As per previous advice to Council, the draft guidelines have been shared with the independent members of Council's audit committee, prior to being referred back to Council for endorsement. Audit committee members have reviewed the guidelines and have not expressed any concerns about the proposed process.

**Other Issues**

46. There are no additional issues for this report.

**Options**

47. There are no options provided as part of this report, however it is Council's prerogative to vary all or any part of the guidelines should there be a desire to do so.

**Conclusion**

48. Like all communities across Australia and the world, Yarra is experiencing unprecedented financial and social impacts as a result of COVID-19. The City of Yarra COVID-19 *Business Support Quick Response Grants* offers much needed support to assist Yarra based businesses to adapt and respond to the current crisis, as well as to build some support as the situation transitions into the recovery period.
49. This process represents the intended first round of support, and further actions and funding will be available to Yarra based businesses in the future.

**RECOMMENDATION**

1. That Council:
- (a) note the COVID -19 1<sup>st</sup> round *Business Support Quick Response Grants* guidelines in attachment 1;
  - (b) endorses the guidelines for use in determining eligible businesses applications to the fund;
  - (c) authorises officers to promote and seek applications from Yarra businesses over a 10 day period;
  - (d) authorises the CEO to approve grants recipients on the recommendation of the independent panel; and
  - (e) note that a further report on grants recipients will be provided to Councillors.



**CONTACT OFFICER:** Simon Osborne  
**TITLE:** Senior Project Officer - Retail, Tourism and Marketing  
**TEL:** 9205 5398

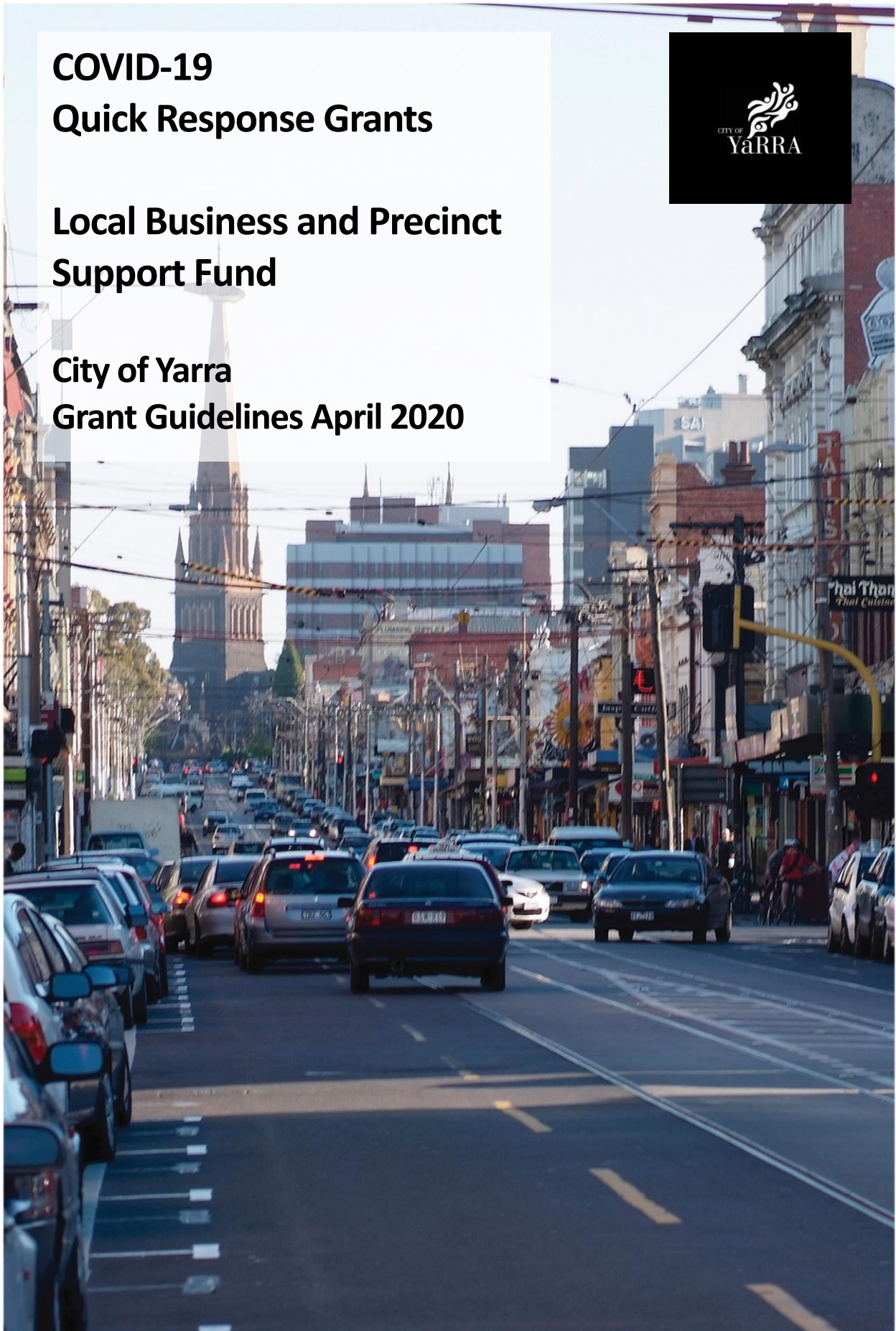
**Attachments**

- 1 COVID Quick Grants Business

# **COVID-19 Quick Response Grants**

## **Local Business and Precinct Support Fund**

**City of Yarra  
Grant Guidelines April 2020**



# City of Yarra Grant Guidelines

## Local Business and Precinct Support Fund

### Background

In response to the Covid-19 pandemic Yarra City Council has announced several new measures for businesses in order for them to adapt to the challenges that they are currently facing, as well as preparing them to take advantage of the new economic landscape as we head towards recovery.

These new measures include assistance with the transition to working remotely or from home, allowing a business to set up or expand on their ecommerce offering, to provide training and professional development in order to upskill, and for the creation of new or adapted business and marketing plans to reflect the new economy and allow for a quicker recovery.

These measures are intended to ease the pressures that small businesses are facing and looks to provide support where it's most needed.

The grant pool is a total of \$160,000.

There are four streams of grants available to sole traders and businesses with under 30 employees.

- Up to \$5000 for investing in online and e-commerce activities
- Up to \$5000 (matched dollar-for-dollar) for minor capital works to shopfronts
- Up to \$2000 for training and professional development
- Up to \$1000 to produce or amend business and marketing plans

Small businesses may apply for up to two of these grants to a maximum total of \$5000

Sole traders may apply for up to two of these grants to a maximum total of \$2000

### Timelines

Applications are now open and will remain open until all the funding is expended. Applicants should expect to be notified of the outcome within four weeks of receipt of the application. If you are successful, you will be sent a funding agreement. Once you have returned this, along with any other required paperwork such as a bank statement, we aim to have the grant paid within two weeks of receipt of the necessary documents.

Projects must be completed by 31 December 2020.

### Assessment Criteria

All applications will be assessed on the following criteria:

- Does the project have clearly defined aims?
- Does the project address the criteria?
- Does the applicant have the capacity to successfully complete the project?
- Is the budget for this project realistic, balanced and complete?

### Eligibility Criteria

Any proposed activities will be required to be undertaken within COVID-19 protocols as identified by Federal and State Government directives.

### Eligible Applicants

- Applicants must be based or be currently operating in the City of Yarra
- Applicants must have an active ABN.

- Applicants must not be employing more than 30 staff to be classed as a small to medium sized enterprise. Sole traders also qualify.
- Applicants must have acquitted any previous Council grants and have no outstanding debts to Yarra City Council.
- Applicants must be meeting all their responsibilities relating to Fair Work practices

### **Eligible Projects**

- Projects must respond to adjusting to the new economy brought about by Covid-19 within the City of Yarra.

### **Applicants that are not eligible**

- Businesses which employ 31 or more staff
- Previous grant recipients with overdue acquittals.

### **Projects that are not eligible**

- A program that is considered the responsibility of State or Federal Government
- Activities that do not demonstrate a strong connection with the City of Yarra or deliver benefits to the Yarra community
- Ongoing staff salaries or administration costs not specific to the project
- Applications to fund projects retrospectively

### **How to Apply**

Applications can be made online through Council's website, at <https://cityofyarra.smartygrants.com.au>

### **Acquittal**

Each grant recipient is required to submit an acquittal form within two months of completion of the project.

The required acquittal form will be linked to your application in the My Submissions area of SmartyGrants. When you are ready to submit the acquittal form please log onto <https://cityofyarra.smartygrants.com.au> and submit it in the same way you submitted your grant application.

---

**11.9 Draft Yarra (River) Strategic Plan**

---

Reference: D20/75567

Authoriser: Director Planning and Place Making

**Purpose**

1. To seek Council's endorsement of the Council officer preliminary submission to the draft *Yarra Strategic Plan* (YSP).

**Background**

2. The draft *Yarra Strategic Plan* has been prepared by Melbourne Water as the nominated lead agency in accordance with the requirements of the *Yarra River Protection (Wilip-gin Birrarung murrn) Act 2017*.
3. The *Yarra River Protection (Wilip-gin Birrarung murrn) Act 2017* (the Act) sets the legal framework for preparing and approving a ten year *Yarra Strategic Plan* (YSP). The Act specifically refers to the plan as the '*Yarra Strategic Plan*'; with an area of land within 1km of the banks of the Yarra River; this includes a significant amount of land within the City of Yarra.
4. More specifically, the Act defines the Yarra River land as the bed, soil and banks of the Yarra River and the Crown and state government owned land parcels within 500m of the bank of the Yarra River. This includes many of Yarra's open spaces and parklands.
5. The Draft YSP is a ten year plan to achieve the requirements of the Act, the 50 Year community vision and the ambitions of Traditional Owners as expressed through their Water Policy document titled– *Nhanbu narrun ba ngarguin twarn Birrarung*.
6. The draft YSP provides a whole of river approach to the planning and management of the Yarra River and, significantly, the process has brought together for the first time all the responsible agencies and the Traditional Owners to collaborate in preparing the draft YSP.
7. Melbourne Water is the lead agency responsible for preparing the draft YSP. Council is one of the nominated *Responsible Public Entities* (RPE) under the Act due to its land management responsibilities for the open space and parklands adjoining the Yarra River. Melbourne Water formed the *Yarra Collaboration Committee* (YCC) comprising representatives of the Traditional Owners and the 15 RPEs to guide their work and bring about a 'whole of river' understanding and direction to the work.
8. Council officers have been involved with the preparation of the draft YSP through the *Yarra Collaborative Committee* (YCC).
9. As Council is one of the *Responsible Public Entities* (RPE) under the Act it has further opportunity to consider the drafting of the final YSP. It is expected that endorsement of the final draft YSP by the RPEs, including Council, will occur later this year.

**External Consultation**

10. The draft YSP underwent community consultation from 23 January through to 29<sup>th</sup> March 2020. A range of engagement techniques were used including social media, pop-ups, localised mail-outs, focus groups, direct contact with Committees of Management and interviews with the Community Assembly that formed the community vision.
11. 138 submissions received from the community, agencies and local government. The joint submission by the Yarra River Keeper Association and Environmental Justice Australia is a key submission.
12. Council officers have submitted a preliminary submission (**Attachment 1**) to Melbourne Water on behalf of Council which responds to the draft YSP.

**Internal Consultation (One Yarra)**

13. The preliminary submission has been informed through consultation that has occurred with relevant units of Council including City Works & Assets, Aboriginal Partnerships, Open Space, Heritage Advisor and Strategic Planning.

**Financial Implications**

14. There are no financial implications in receiving this report.
15. Council will need to consider the implications of meeting the requirements of the Act and a final YSP on its operations.
16. It is anticipated that there would need to be budget allocation by Council in the future for some activities and actions out of an endorsed *Yarra Strategic Plan*.
17. It is expected, however, there may be some future funding available for projects that support the implementation of the YSP.
18. Notwithstanding, the implementation of the plan would most probably require some Council budget consideration over a number of years.

**Economic Implications**

19. There are no known implications from this report.

**Sustainability Implications**

20. A *Yarra Strategic Plan* for the Yarra River and environs would support the protection and enhancement of the habitat and biodiversity of the Yarra River.

**Climate Emergency Implications**

21. A clear intention of the draft YSP is to respond to climate change and the impacts on the Yarra River corridor. At this stage, it is considered that the draft YSP needs to include further details explaining how it will respond to these issues through its actions and targets.

**Social Implications**

22. The Community Vision set out in the draft YSP reflects the values the Yarra River has to the community.
23. The YSP will provide greater protection of these values and how the Yarra River and its parklands can be seen as a connected and integrated single and living entity.

**Human Rights Implications**

24. There are no known implications from this report.

**Communications with CALD Communities Implications**

25. Melbourne Water conducted the consultation which provided opportunity for CALD communities to participate.

**Council Plan, Strategy and Policy Implications**

26. The draft YSP supports many of the outcomes sought in Council's strategies and the Council Plan.

**Legal Implications**

27. There are no known legal implications, other than the responsibility that Council would have as a *Responsible Public Entity* once it is endorsed by the Minister. Those aspects are not completely clear at this stage.

**Other Issues**

28. The purpose of the YSP is twofold:
  - (a) guide the future use and development of the *Yarra Strategic Plan* area, and
  - (b) identify areas for protection within the *Yarra Strategic Plan* area.



29. The key elements of the YSP, as set out in the Act, include:
- (a) the long-term (50 Year) community vision;
  - (b) setting out values, objectives and performance objectives;
  - (c) identify regional infrastructure networks;
  - (d) identify projects for the protection and improvement of Yarra River land;
  - (e) set out a narrative description of the river corridor.
  - (f) a decision-making framework; and
  - (g) stating which parts of the YSP are binding and which are discretionary on RPEs.
30. The *Wurundjeri Woi wurrung Cultural Heritage Aboriginal Corporation* developed the *Nhanbu narrun ba ngarguin twarn Birrarung* to define their ambitions for the planning, policy and decision making for the Birrarung. This has informed the development of the YSP and forms a companion document to the YSP ensuring that their aspirations for the river, and the inclusion of Traditional Owners in the on-going management of the river, are prioritised.
31. The draft YSP comprises two parts:
- (a) **Part 1** titled '*Working together to deliver the Community Vision*' which sets out the strategic context, Traditional Owners statement, performance objectives and actions, and
  - (b) **Part 2** the *Land Use Framework* which sets out the broad whole of river planning directions for the river corridor.
32. After reviewing the draft YSP, Council officers lodged a preliminary submission on behalf of Council.

#### Officers Preliminary Submission

33. Key points in the preliminary submission are:
- (a) generally the draft YSP is supported as it has brought together the key elements required under the Act and sets out a broad 10 year direction. The YSP is necessarily high level as it is dealing with the whole of the Yarra River, however, a level of further detail is needed and would add to the overall understanding of the future directions and outcomes expected through its implementation;
  - (b) the community vision has been derived through considerable community engagement and sets appropriate vision statements for the whole of the river and each of its reaches. In some cases the content of the draft YSP directions and actions need to be more closely aligned with the vision statements;
  - (c) the active involvement of Traditional Owners in developing the draft YSP and on the YCC has been a significant and valuable change in how the river is conceived, understood and managed. It is one of the transformative aspects of the draft YSP;
  - (d) there is an expectation that the draft YSP should be more ambitious and should convey more clearly how it will bring about transformative or significant change, rather than a continuation of business as usual in the planning and management of the Yarra River;
  - (e) the inter-relationship between the draft YSP and other state government strategies is not clearly explained or evident through the content. It is considered important that key strategies, such as the *State of the Yarra and its Parklands* and the *Healthy Waterways Strategy*, are more explicitly referred to in the draft YSP especially where they are being relied upon to achieve and measure the performance of the YSP and to achieve outcomes within the wider river catchment area;
  - (f) the draft YSP has limited content on key issues including water quality and management, habitat protection and biodiversity, climate change and connectivity along the river. These are key issues affecting the management of the Yarra River and therefore the draft YSP should be reviewed to address these issues;

- (g) while recognising the YSP is a 10 year plan, some timeframes are considered too long, and more ambitious short and intermediate timeframes are needed to progress multiple actions simultaneously. These are likely to occur through proposed 3 year and annual implementation plans but this is not clear. If this is so, the draft YSP should make clearer how the implementation will occur;
- (h) supports making the existing interim planning controls (DDO1) permanent and for the YSP to become a reference document in the planning scheme. It isn't clear how the Land Use Framework will inform other policy changes in planning schemes and potentially could become part of a whole of river regional policy. This would strengthen the connection between the YSP and the Victorian planning system. Implementation through planning schemes will occur after approval and is being led by DELWP;
- (i) seeks including proposals in Yarra for land acquisition and identifying additional areas where a Public Acquisition Overlay (or a private covenant) should be applied to improve links and expand the open space network;
- (j) some changes are sought to the draft Land Use Framework to include identified areas for environmental protection and enhancement that displays a linked network of areas along the river corridor. Similarly additional detail needs to be included on the corridor access links and those to areas outside the YSP area;
- (k) support for including the preparation of an Abbotsford Structure Plan as a means for planning the access and links along the river between Walmer Street and Gipps Street, Abbotsford;
- (l) supports an on-going role for the Yarra Collaborative Committee to foster collaboration, build understanding and stronger on-going relationships across agencies and the Traditional Owners. Its role, responsibilities and function need to be explicit as it is being assumed that the YCC be actively involved in the implementation of the YSP;
- (m) the format of the draft YSP could be improved to make it easier to read. Some of the connections between the performance objectives and actions is disjointed by the YSP being in two parts. It is considered that there should be greater alignment across the visions, performance objectives, directions, actions and targets that shows how the objectives will be achieved through clear and measurable actions, and
- (n) the preliminary submission responds in more detail to each of the performance objectives and actions and the draft Land Use Framework.

#### Next Steps

- 34. Melbourne Water, as the lead agency, is reviewing submissions and will be responding to the matters raised with proposed changes to the consultation draft YSP.
- 35. Under the *Yarra River Protection (Wilip-gin Birrarung murrn) Act 2017* submissions relating only to **Part 2** of the draft YSP – 'the Land Use Framework' - that have not been fully accepted by the lead agency must be referred to a Panel, similar to a planning panel, where submitters will have the opportunity to be heard by the Panel.
- 36. Yarra Council as a *Responsible Public Entity* (RPE) has the opportunity to make a submission to the Panel.
- 37. Melbourne Water has indicated that 51 submissions have been referred to the Panel with the changes proposed in other submissions being accepted by Melbourne Water.
- 38. Hearing dates for the Panel are being confirmed, however, they may commence on 25<sup>th</sup> May and occur over two weeks. It is proposed that officers present the preliminary submission at the panel hearing.
- 39. The Panel will report to the Minister for Planning providing its recommendations regarding the draft YSP and the submissions. At this stage a Panel report is expected in early to mid-July. The Panel report will be made public.
- 40. Concurrent with the consideration of Part 2 of the draft YSP, Melbourne Water will be reviewing submissions and revising Part 1 of the draft YSP.

41. Melbourne Water's intention is to seek endorsement of the final draft YSP by RPE's (in particular local government) prior to the local government election caretaker period commencing in September 2020. Achieving this creates some tight timeframes that could easily change due to their dependency on the timing of the Panel process and the effort and time required to revise the draft YSP.
42. Recognising this, Melbourne Water is reviewing the program for revising the draft YSP and seeking endorsement. Officers have indicated to Melbourne Water that Council would expect to have the opportunity to review and consider the post-consultation revised draft YSP (both Parts 1 & 2) prior to endorsement. This would mean a revised draft YSP being available in late June/July.

### Conclusion

43. The draft YSP is a significant step towards implementing the requirements of the Act and will achieve greater protection of the Yarra River parklands, and importantly, bring about a new way of thinking about the river as a 'single living entity'.
44. While submissions are supportive of the draft YSP they also point to the need for further improvements to the content for it to be more ambitious, with more specific details and clarity in the objectives and actions that will deliver the community vision over the next 10 years.
45. Further opportunity will be available for Council to consider a post-consultation version of the draft YSP with the aim of having a final version ready for endorsement by RPEs in mid to late August 2020.

### RECOMMENDATION

1. That Council:
  - (a) note the report of officers in relation to the draft *Yarra Strategic Plan* being prepared by Melbourne Water as the nominated lead agency in accordance with the requirements of the *Yarra River Protection (Wilip-gin Birrarung murrn) Act 2017*;
  - (b) note the key points of the officers preliminary submission that have been lodged with Melbourne Water as outlined in paragraph 31 of this report;
  - (c) endorse these key points for presentation to the Panel considering submissions in relation to the draft *Yarra Strategic Plan*, and
  - (d) officers continue to represent the Council at the various meetings regarding the preparations of the draft *Yarra Strategic Plan*, and the panel hearings, and provide further updates to the Council.

**CONTACT OFFICER:** David Walmsley  
**TITLE:** Manager City Strategy  
**TEL:** 9205 5350

### Attachments

- 1 Attachment 1- Overview Draft Yarra Strategic Plan

# DRAFT YARRA STRATEGIC PLAN

## AN OVERVIEW

Help us shape the final  
Yarra Strategic Plan



IMAGINE THE YARRA  
[imaginetheyarra.com.au](http://imaginetheyarra.com.au)



# OVERVIEW OF THE DRAFT YARRA STRATEGIC PLAN

## The Yarra River, Birrarung: our lifeblood, our shared history, our river

Over tens of thousands of years the Yarra River, Birrarung, has shaped the lives of those around it.

The river is our lifeblood, providing water to drink, places to socialise, parks for play, nature to experience and landscapes to explore.

As our city grows and the climate warms there will be more demands placed on our iconic waterway and its parklands. For the Yarra to thrive under these pressures, our river needs more from us.

With changing practices, and the efforts of stakeholders and the community, the condition of the river has improved considerably over recent decades.

However, in its lower reaches the Yarra remains a polluted river facing impacts from unprecedented population growth, climate change – and an uncertain future without significant intervention.

We must act now to protect the river and ensure it continues to support our healthy city and environment.

### What is the Yarra Strategic Plan?

The draft Yarra Strategic Plan is the first integrated corridor plan developed collaboratively by the Wurundjeri Woi wurrung Cultural Heritage Aboriginal Corporation and all 15 state and local government agencies involved in managing the river.

In the next 10 years the draft plan works toward achieving the Yarra River 50 Year Community Vision and the Wurundjeri Woi wurrung Cultural Heritage Aboriginal Corporation's Birrarung Water Policy, *Nhanbu narrun ba ngargunin twarn Birrarung (Ancient spirit and lore of the Yarra)*, May 2018.

It identifies immediate actions for the river, enables long-term collaborative management between agencies and Traditional Owners and guides local planning.

The final Yarra Strategic Plan will be an overarching policy and planning framework to guide collaborative management of the river and bring the vision to life with local and state government agencies, Traditional Owners and the community.

### Did you know?

- The Yarra River translates to 'Birrarung' in the language of the Wurundjeri Woi wurrung, meaning 'River of mists and shadows'
- The river has flowed for 100 million years and shaped the Greater Melbourne landscape
- It provides Melbournians with 70% of their drinking water
- Volunteers spend an incredible 50,000 hours per year working in parks along the Yarra.

### This summary highlights key elements of the Draft Yarra Strategic Plan.

We want as many Victorians as possible to help shape the final Yarra Strategic Plan and invite stakeholders, community interest groups and anyone passionate about the Yarra River to provide feedback on the draft plan.

Visit [imaginetheyarra.com.au](https://www.imaginetheyarra.com.au) or [engage.vic.gov.au](https://www.engage.vic.gov.au) to learn more about how to offer your feedback either at our face-to-face events or online.

## **Yarra River Protection (Wilip-gin Birrarung murrn) Act 2017**

In an Australian first, the Yarra River Protection (Wilip-gin Birrarung murrn) Act 2017 (the Act) recognises Traditional Owners' custodianship of the Yarra River, Birrarung, and identifies the river and its lands as one living, integrated natural entity for protection and improvement.

The Act calls for the development of a longterm community vision which identifies the community's 'values, priorities and preferences' in relation to the management of the Yarra River corridor.

After engaging with over 2500 Victorians in 2017 to find out what they value about the Yarra River, an independent consultant selected 24 community members to write the Yarra River 50 Year Community Vision. The vision sets out the community's long-term aspirations for the Yarra River corridor.

## **YARRA RIVER 50 YEAR COMMUNITY VISION**

Our Yarra River, Birrarung, is recognised around the world as an iconic example of a nurturing relationship between a river and its community.

Flowing from source to sea, it is the resilient lifeblood of past, present and future generations of Victorians. It connects and enriches our flourishing city, suburbs, regions and beyond.

Our Yarra River, Birrarung, its essential role in our lives and its rich history, are respected, understood and protected. It has cared for us for thousands of years and will for thousands to come.

The vital and continued role of Traditional Owners as custodians of the river, and its role in their culture, is recognised and celebrated.

Our Yarra River, Birrarung, and its diverse surrounding landscapes provide a place of refuge, recreation, learning and livelihood. It brings communities together and supports sustainable local economies.

Its clean waters and connected network of thriving green spaces nurture biodiversity, and deepen the relationship between people and nature.

Our Yarra River, Birrarung, is respected as a sacred natural living entity and everyone takes responsibility for its care. Its health and integrity are paramount and uncompromised.

What is good for the Yarra is good for all.



# WHY WE NEED A WHOLE-OF-YARRA RIVER PLAN

## Tackling climate change and population growth

We're facing a number of challenges over the next 100 years, which include:

- A dramatic and long-term decline in rainfall
- More frequent extreme weather events in Victoria, including droughts, floods and heatwaves
- Less water entering the Greater Melbourne waterways

These challenges expected in our future are already being felt, with the amount of rainfall entering the Yarra River halving since 2012.

More intense storm events will result in poorer water quality, increased sediment and nutrient loads, reduced dissolved oxygen, rapid alteration of habitats, and reduced amenity and access for communities.

Over the longer term, warming and drying trends will affect the plants and animals that can survive in and along the river. All of these changes will have a significant impact on the ability of the Yarra River corridor to adapt and thrive.

The State of the Yarra and Its Parklands<sup>1</sup> report was published in 2018 by the Commissioner for Environmental Sustainability Victoria, and indicates that the river is already experiencing the impacts of climate change and population growth.

The report suggests the river is in poor condition and that the key threats to its health are litter, sewage, pollution, urban development and invasive species. Litter is of particular concern, with nearly 180 tonnes of rubbish pulled from the Yarra River over a four-year period. These threats will be exacerbated by population growth and climate change.

## Did you know?

A decline in the health of the river corridor will not only affect wildlife habitats, community access and recreational use. It will also likely affect the Yarra's ability to support the many economic activities that take place along the corridor, including farming, tourism and hospitality.



# WORKING TOGETHER TO DELIVER THE COMMUNITY'S VISION

The draft plan was prepared with the guidance of a governance group called the Yarra Collaboration Committee. The group is made up of representatives from the Wurundjeri Woi wurrung Cultural Heritage Aboriginal Corporation as well as the 15 state and local agencies who manage the Yarra River corridor.

## **The Yarra Collaboration Committee**

The Yarra Collaboration Committee includes representatives from Wurundjeri Woi wurrung Cultural Heritage Aboriginal Corporation; Banyule City Council; Boroondara City Council; the Department of Environment, Land, Water and Planning; Department of Transport (including VicRoads), and VicTrack; Manningham Council; Melbourne City Council; Melbourne Water; Nillumbik Shire Council; Parks Victoria; Port Phillip and Westernport Catchment Management Authority; Stonnington City Council; Victorian Planning Authority; Yarra City Council and Yarra Ranges Council.

The Yarra Collaboration Committee enables Traditional Owners and agencies to work together collaboratively, to manage the Yarra as one living entity to deliver better outcomes for the river and the wider community.

Collectively, the members of the committee invest millions of dollars in the Yarra River annually.

Through the Yarra Strategic Plan, we can now work cohesively, working across organisational boundaries to leverage our efforts and get the greatest benefit for the river and the community.

# Investment highlights

Collectively, we have committed over \$80 million of investment in the Yarra River corridor for 2019/20.

**Melbourne City Council** has committed **over \$25 million** towards the renewal of Southbank Boulevard, Promenade and Queensbridge Square.



**Melbourne City Council** has committed **over \$8 million** to connect the community to the Yarra River through New Year's Eve fireworks and Moomba festival celebrations.

**Yarra City Council, Stonnington City Council and Melbourne City Council** collectively committed **over \$2.5 million** to improve their urban forest network.



**Banyule City Council** has committed **\$1.9 million** to upgrade the Banyule Flats Reserve Pavilion.



**Yarra City Council** has committed **over \$450,000** to restore bushland along the Yarra River corridor.



**Melbourne Water and Manningham City Council** have collectively committed over **\$600,000** to improve the health of billabongs in the Yarra River corridor. This includes integrated water management, watering for Bolin Bolin and Banyule billabongs and investigations at Annulus Billabong.

**Boroondara City Council** has committed **over \$1 million** to improve stormwater management through works at Chandler Park wetland and Macleay Park raingarden.

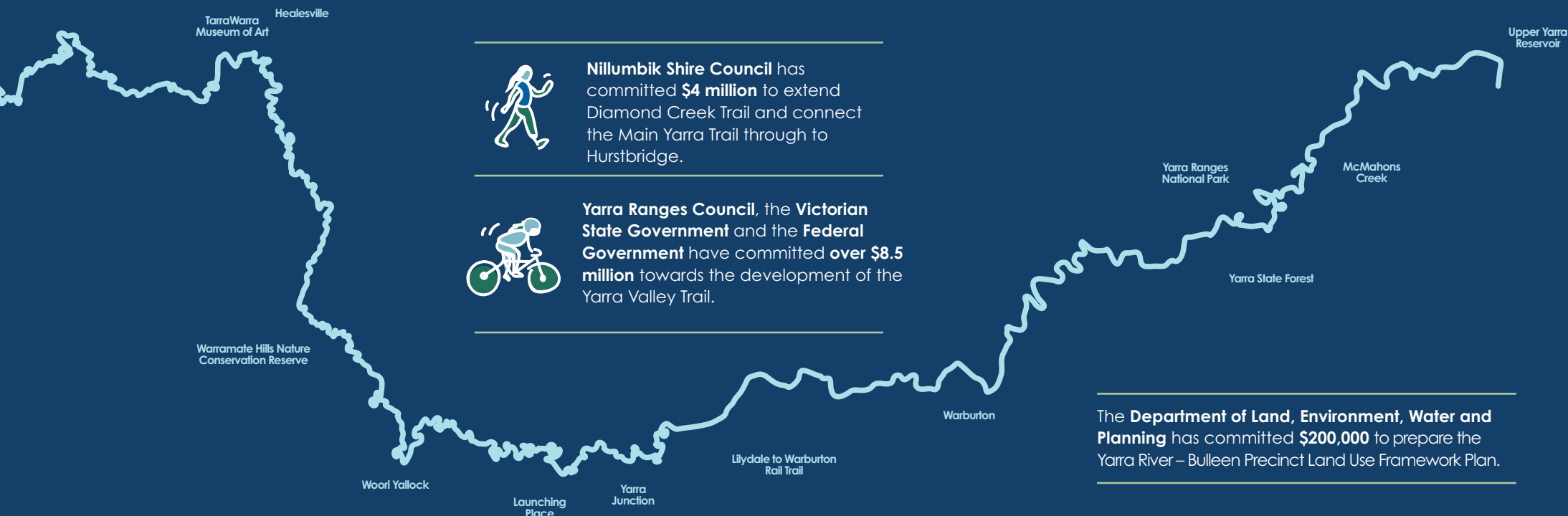


**Manningham City Council** has committed **\$2 million** to improve safety, access and connectivity to Warrandyte State Park and the Yarra River through the Jumping Creek Road Stage 1B upgrade.



**Manningham City Council and Boroondara City Council** have collectively committed **\$500,000** for biodiversity programs and works in the Yarra River corridor.

**Manningham City Council and Stonnington City Council** have collectively committed **\$800,000** to improve and extend the Main Yarra Trail.



**Nillumbik Shire Council** has committed **\$4 million** to extend Diamond Creek Trail and connect the Main Yarra Trail through to Hurstbridge.



**Yarra Ranges Council**, the **Victorian State Government** and the **Federal Government** have committed **over \$8.5 million** towards the development of the Yarra Valley Trail.

The **Department of Land, Environment, Water and Planning** has committed **\$200,000** to prepare the Yarra River – Bulleen Precinct Land Use Framework Plan.



The **Department of Environment, Land, Water and Planning** has committed **over \$2 million** to support a healthy river and lands throughout the Yarra River corridor.



The **Department of Land, Environment, Water and Planning** has committed **over \$4 million** towards the Warburton Mountain Bike Destination.



**Parks Victoria**, **Yarra City Council** and **Manningham City Council** have committed **over \$9.1 million** to parkland management and improvements throughout the Yarra River corridor.



Collectively, we have committed **over \$10 million** for drainage and capital works throughout the Yarra River corridor.

**Melbourne Water** has committed **over \$3.7 million** towards maintenance programs in the Yarra River corridor.



**Port Phillip and Westernport Catchment Management Authority** has committed **\$300,000** to help threatened Helmeted Honeyeater and Leadbeater's Possum populations.





Wurundjeri Woi wurrung Elders introducing the Yarra River Protection (Wilip-gin Birrarung murrn) Act 2017 on the floor of the Victorian Parliament

## Wurundjeri Woi wurrung people and custodianship of the Birrarung

### An introduction from Wurundjeri Woi wurrung people, in their own words

'We, the Wurundjeri Woi wurrung people, are the Traditional Owners of Country that extends from the mouth of the Werribee River, north to the Great Dividing Range, east to Mount Baw Baw, and south to the mouth of the Mordialloc Creek\*'

The Birrarung is central to the Wurundjeri Woi wurrung people and our Dreaming. The city of Melbourne grew from the banks of the Birrarung – the river has allowed it to become the vibrant city it is today – but this has come at great cost to the Wurundjeri Woi wurrung people and the Birrarung itself.

When Wurundjeri Woi wurrung Elders introduced the Yarra River Protection (Wilip-gin Birrarung murrn) Act 2017 (the Act) on the floor of the Victorian Parliament in the Woi wurrung language, it was an Australian first. The symbolism of the Act is incredibly significant for the Wurundjeri Woi wurrung and for all Aboriginal Victorians, marking a major step towards acknowledging the rights of Traditional Owners as well as the importance of Traditional Owner language and culture.

As Traditional Owners, the Wurundjeri Woi wurrung people have the cultural, legislated, and moral authority to speak for our Country. We have an unbroken relationship with our Country. Wurundjeri Woi wurrung people do not separate the Birrarung from Port Phillip Bay ('Narm'), or regard the Birrarung as segmented according to reaches. Nor do we separate the river corridor from the rest of the Yarra catchment. For us, the landscape through which the Birrarung flows, from its source to the sea, is one integrated, living, cultural landscape.

\* Acknowledging the Wurundjeri Woi wurrung people's consideration of Country, no Traditional Owner Group/s have yet been formally recognised by the State of Victoria for parts of this area.

'The Yarra River is an icon of Melbourne. The history is rich. The river is respected. The river has been looked after by us for thousands of years. Make it clean and let the species live.'

– Auntie Alice Kolasa

## WILIP-GIN BIRRARUNG MURRON

We the Woi wurrung, the First People, and the Birrarung, belong to this Country. This Country and the Birrarung are part of us. The Birrarung is alive, has a heart, a spirit and is part of our Dreaming. We have lived with and known the Birrarung since the beginning. We will always know the Birrarung.

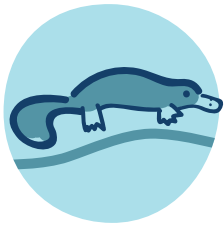
Bunjil the great Eagle, the creator spirit, made the land, the sky, the sea, the rivers, flora and fauna, the lore. He made Kulin from the earth. Bunjil gave Waa, the crow, the responsibility of Protector. Bunjil's brother, Palliyang, the Bat, created Bagarook, women, from the water. Since our beginning it has been known that we have an obligation to keep the Birrarung alive and healthy – for all generations to come.

---

***The Wurundjeri Woi wurrung Birrarung water policy, Nhanbu narrun ba ngargunin twarn Birrarung (Ancient Spirit & Lore of the Yarra), is a policy document that outlines Wurundjeri Woi wurrung aspirations for community and Country, and the fundamental connection of both to the Birrarung.***

# FOUR 10 YEAR PERFORMANCE OBJECTIVES TO DELIVER THE COMMUNITY VISION

## What the plan will achieve



### PERFORMANCE OBJECTIVE 1

#### **A healthy river and lands**

Improving the water quality of the Yarra River and protecting its land, floodplains and billabongs to achieve greater biodiversity.



### PERFORMANCE OBJECTIVE 2

#### **A culturally diverse river corridor**

Acknowledging, protecting and commemorating the rich heritage of the Birrarung and its stories.



### PERFORMANCE OBJECTIVE 3

#### **Quality parklands for a growing population**

Improving the river's parklands to support community wellbeing and strengthen the relationship between the Yarra River, its community and visitors.



### PERFORMANCE OBJECTIVE 4

#### **Protecting the natural beauty of the Yarra River corridor**

Respecting the significance of the Yarra River's landscapes. Where we build, we will protect and celebrate the river's natural beauty, landscapes and views.





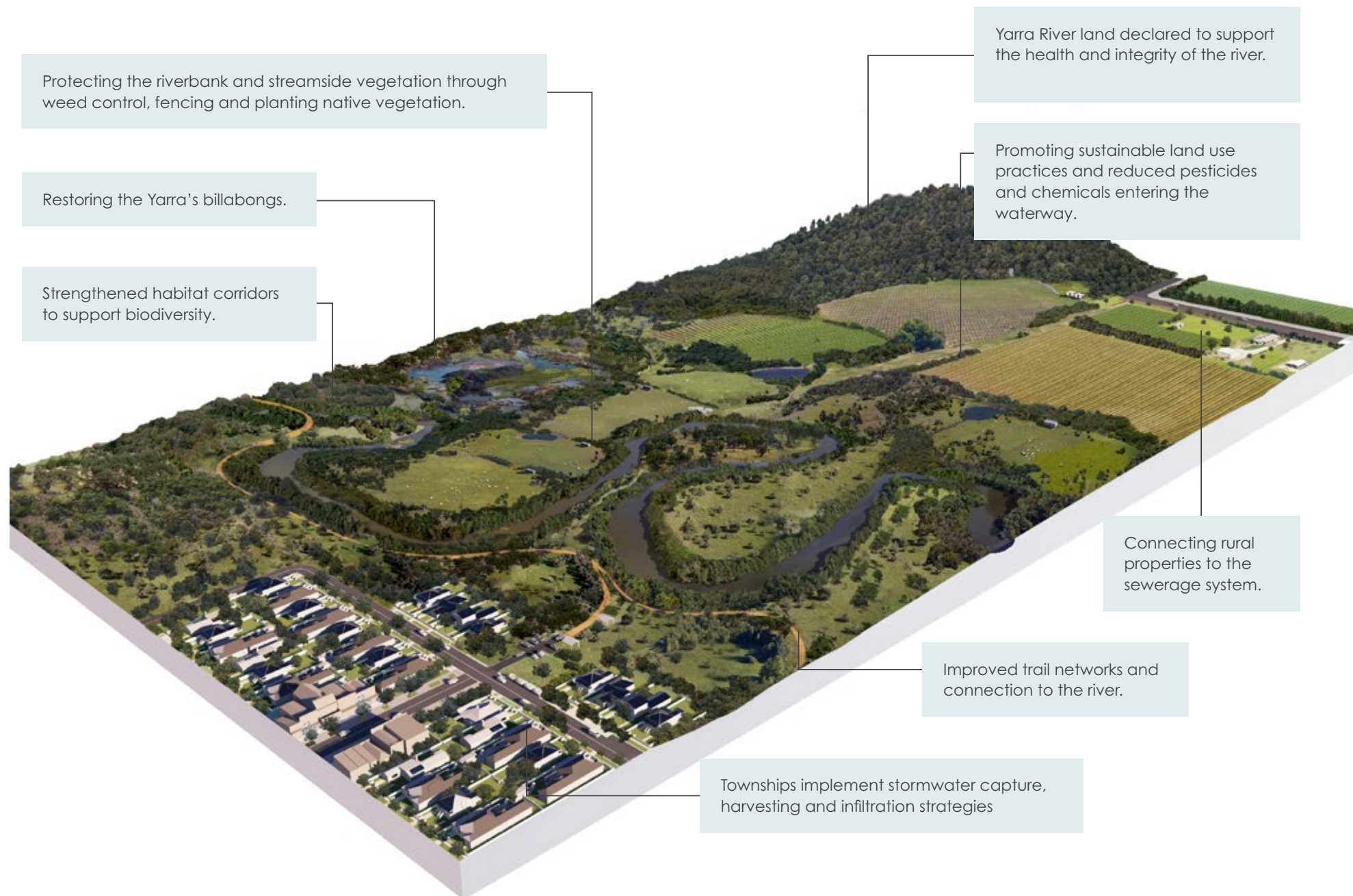
## PERFORMANCE OBJECTIVE 1: A HEALTHY RIVER AND LANDS

Improving the water quality of the Yarra River and protecting its land, floodplains and billabongs to achieve greater biodiversity.

**We'll achieve this by:**

1. Restoring billabongs and wetlands by increasing water for the environment and undertaking complementary land and water management.
2. Strengthening terrestrial and aquatic habitat corridors between the Yarra River and the catchment to support biodiversity. Priorities include:
  - Healesville to Warrandyte
  - Healesville to Millgrove
  - Watsons Creek (an area for protection)
  - Gardiners Creek (a significant place).
3. Deliver foundational actions to achieve Traditional Owners' aspirations and the community's vision for 'clean waters'. This includes:
  - reducing the volume of litter impacting the Yarra River
  - strengthening stormwater management controls and strategies
  - increasing education, awareness and regulation to reduce pesticides and chemicals entering the waterway
  - improving septic tank and wastewater management\*.

\* All actions are subject to funding.



**Figure 1.** Representation of a healthy river and lands in the future.



## PERFORMANCE OBJECTIVE 2: A CULTURALLY DIVERSE RIVER CORRIDOR

Acknowledging, protecting and commemorating the rich heritage of the Birrarung and its stories.

**We'll achieve this by:**

1. Supporting Traditional Owners to record the river's cultural values on Yarra River land.
2. Piloting interpretive and educational programs for five sites that have shared values for Traditional Owners and post-settlement cultures.
3. Delivering an interactive education program (e.g. signage, and smart device application) that includes storytelling about the rich culture and heritage of the Yarra River, Birrarung\*.

The sites are:

- Abbotsford Convent, Abbotsford
- Dights Falls, Abbotsford
- Bolin Bolin Billabong, Bulleen
- Domain Parklands, Melbourne
- Brushy Creek, Wonga Park.

\* All actions are subject to funding.





**Figure 2.** Representation of a culturally diverse river corridor.



## PERFORMANCE OBJECTIVE 3: QUALITY PARKLANDS FOR A GROWING POPULATION

Improving the river's parklands to support community wellbeing and strengthen the relationship between the Yarra River, its community and visitors.

### **We'll achieve this by:**

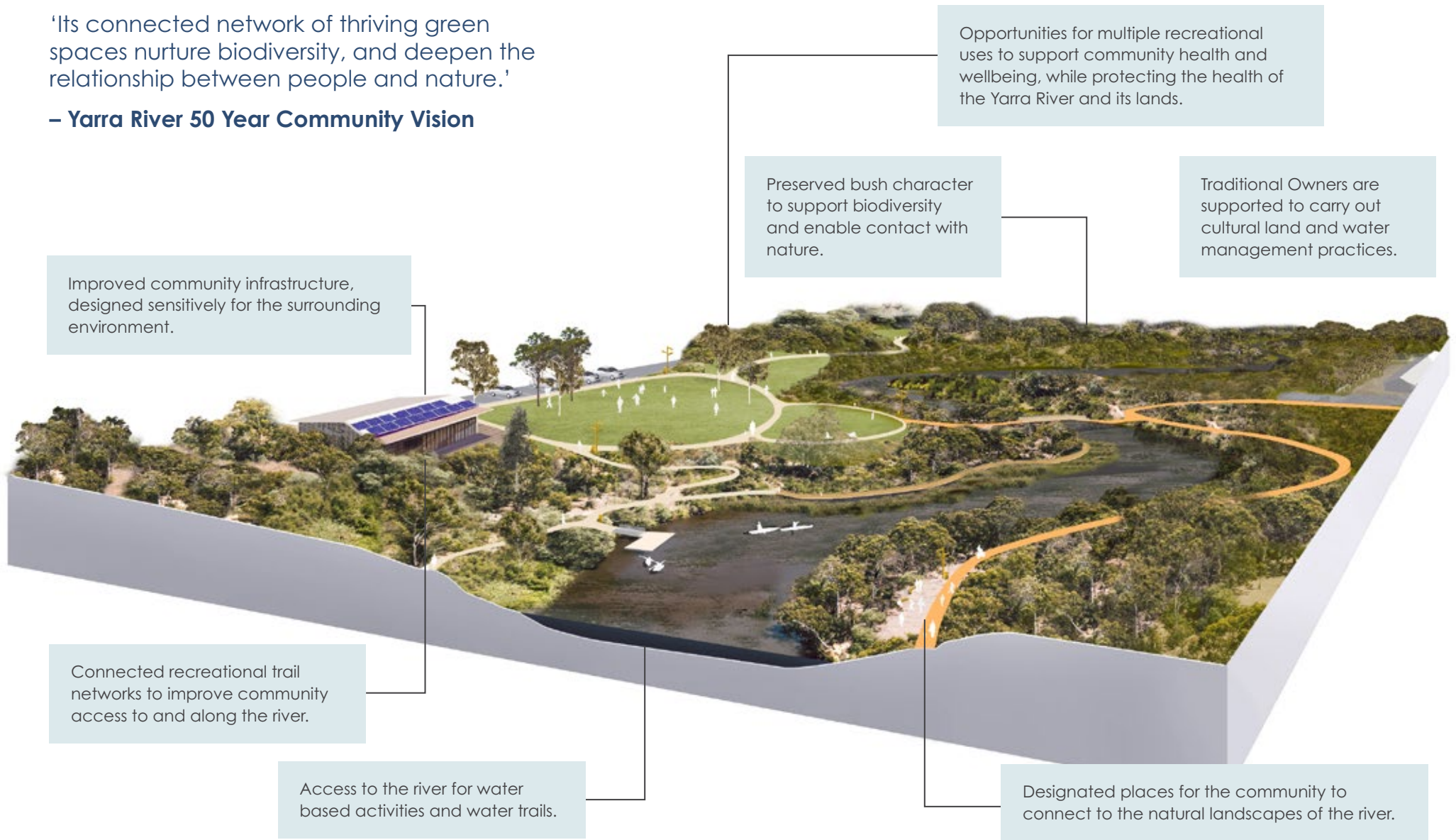
1. Establish a sub-committee of the Yarra Collaboration Committee to support planning, design and management of the river parklands as one living entity.
2. Support Traditional Owners to carry out cultural land and water management practices.
3. Improve community access to the river by connecting recreational trail networks.
4. Establish partnerships to manage sites with Wurundjeri Woi wurrung Cultural Heritage Aboriginal Corporation and Traditional Owners.
5. Extend the parkland network to cater for a growing community.
6. Ensure park infrastructure and services are contemporary, inclusive, and provide multiple benefits.
7. Improve on-water access by constructing all abilities kayak/canoe access points at key locations. Improve signage and information for on-water journeys.
8. Develop a 10 year berthing strategy for the lower Yarra River.
9. Ensure access and egress to priority sites along the Yarra River through investment in a comprehensive dredging operation and ongoing maintenance dredging for the Yarra River.
10. Form a Yarra River Management Committee to oversee commercial berthing, events and activation, and infrastructure activities in the lower Yarra River\*.

\* All actions are subject to funding.



'Its connected network of thriving green spaces nurture biodiversity, and deepen the relationship between people and nature.'

### – Yarra River 50 Year Community Vision



**Figure 3.** Representation of quality parklands for a growing population in the future.





## PERFORMANCE OBJECTIVE 4: PROTECTING THE NATURAL BEAUTY OF THE YARRA RIVER CORRIDOR

Respecting the significance of the Yarra River's landscapes. Where we build, we will protect and celebrate the river's natural beauty, landscapes and views.



**Figure 4.** Representation of protecting the natural beauty of the Yarra River corridor in the future.

### **The Yarra Strategic Plan will:**

1. Enhance the river's landscapes and views by improving public access, viewing locations and user experiences
2. Monitor changes in land use in order to prioritise the integration of new open space, access to the river and habitat corridors\*.

\* All actions are subject to funding.

# YARRA STRATEGIC PLAN LAND USE FRAMEWORK

## How will we put the Yarra at the centre of land use planning?

The Yarra Strategic Plan provides a regional framework for land use planning and decision-making on both public and freehold private land at a local level. The framework will ensure all activities within the corridor align with the 4 performance objectives in the next 10 years.

## How the land use framework will be applied

Once the Yarra Strategic Plan is finalised, Clause 12.03-1R 'Yarra River Protection' of the Planning Policy Framework found in the Victoria Planning Provisions will be updated, and the final Yarra Strategic Plan will be referenced in planning schemes.

The Land Use Framework's maps and directions for future land use and development will work with other statutory controls, including interim Yarra River Protection planning controls introduced in 2017, to ensure that the Yarra River is at the centre of planning and decision-making in the corridor. Implementation of the Land Use Framework in this way means that planning permit and amendment proposals within the Yarra Strategic Plan area must be consistent with the Yarra Strategic Plan.



## The Yarra River contains four distinct reaches

To reflect the unique characteristics of the Yarra River, and align with the Yarra River 50 Year Community Vision, the land use framework provides direction for the whole of river landscape across the four reaches:

- **Upper rural:** Upper Yarra Reservoir to Healesville
- **Lower rural:** Healesville to Warrandyte
- **Suburban:** Warrandyte to Dights Falls
- **Inner city:** Dights Falls to Westgate Bridge.

Each reach is guided by its own 50 year community vision. The land use framework acknowledges the unique characteristics of each reach.

## Directions for future land use and development

The 242km Yarra River corridor features a myriad of landscapes and environments, with differing degrees of development, access, land use and management.

To reflect these diverse characteristics and manage the increasing pressures on the Yarra River corridor, directions for future land use and development have been categorised into six land use settings. **All activities occurring within the Yarra Strategic Plan area must adhere to the directions set out by the relevant land use settings<sup>2</sup>.**

## Have your say and help us to shape the final Yarra Strategic Plan

This summary of the plan highlights key elements of the Draft Yarra Strategic Plan.

To shape the final Yarra Strategic Plan, we want to hear from as many Victorians as possible and are providing a number of ways to offer your feedback.

Visit [imaginetheyarra.com.au](https://imaginetheyarra.com.au) to see our interactive snapshot of the plan and learn about our face-to-face community events.

For all written submissions, and detail on the Land Use Framework, go to [engage.vic.gov.au](https://engage.vic.gov.au).

It's important to note that public consultation on the draft plan is open for eight weeks. Check the website to confirm key dates and be sure to have your say on the plan before our engagement period closes.



# ENDNOTES

- 1 2019, 'State of the Yarra and Its Parklands', Commissioner for Environmental Sustainability Victoria website, accessed March 2019: [https://www.ces.vic.gov.au/sites/default/files/SoY\\_Front\\_Working\\_Document\\_20\\_03\\_19\\_F.pdf](https://www.ces.vic.gov.au/sites/default/files/SoY_Front_Working_Document_20_03_19_F.pdf)
- 2 The Yarra Strategic Plan does not apply in relation to a declared project within the meaning of the *Major Transport Project Facilitation Act 2009*.

**978-1-921603-29-7 (Print)**  
**978-1-921603-30-3 (Online)**

© Copyright January 2020  
Melbourne Water Corporation All rights reserved.

No part of this document may be reproduced, stored in a retrieval system, photocopied or otherwise dealt with without prior written permission of Melbourne Water Corporation.

## Disclaimer:

This publication may be of assistance to you, but Melbourne Water and its employees do not guarantee that the publication is without flaw of any kind or is wholly appropriate for your particular purposes and therefore disclaims all liability or any error, loss or other consequence which may arise from you relying on any information in this publication.



