

Option 1
Install a pressure sustaining valve at the tapping location and install water storage tanks on-site.

Option 2
Upgrade the Little River Inlet between the Moubray Lane Pump Station and the Princes Freeway crossing (approximately 3000 m of new pipe)

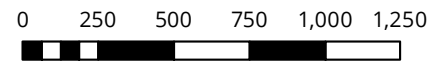
Option 3
Refurbish the existing City West Water Moubray Lane Pump Station

Note
For all options, a water tapping at the existing CWW 150mm diameter pipe on the northern side of Little River Road is required. A private water pipe will run from this location to the YJC site along the proposed access road.

- Legend**
- Study area
 - Impact area
- Water infrastructure**
- Moubray Lane pump station
 - Existing City West Water 150mm potable water pipe
 - Existing City West Water 225mm potable water pipe
 - New private water pipe
- Sewer infrastructure**
- Existing City West Water sewer manhole
 - Proposed pump station
- Description**
- Proposed rising main - Option 1
 - Proposed rising main - Option 2
 - Proposed rising main - Option 1 and 2
 - Proposed rising main - Option 4

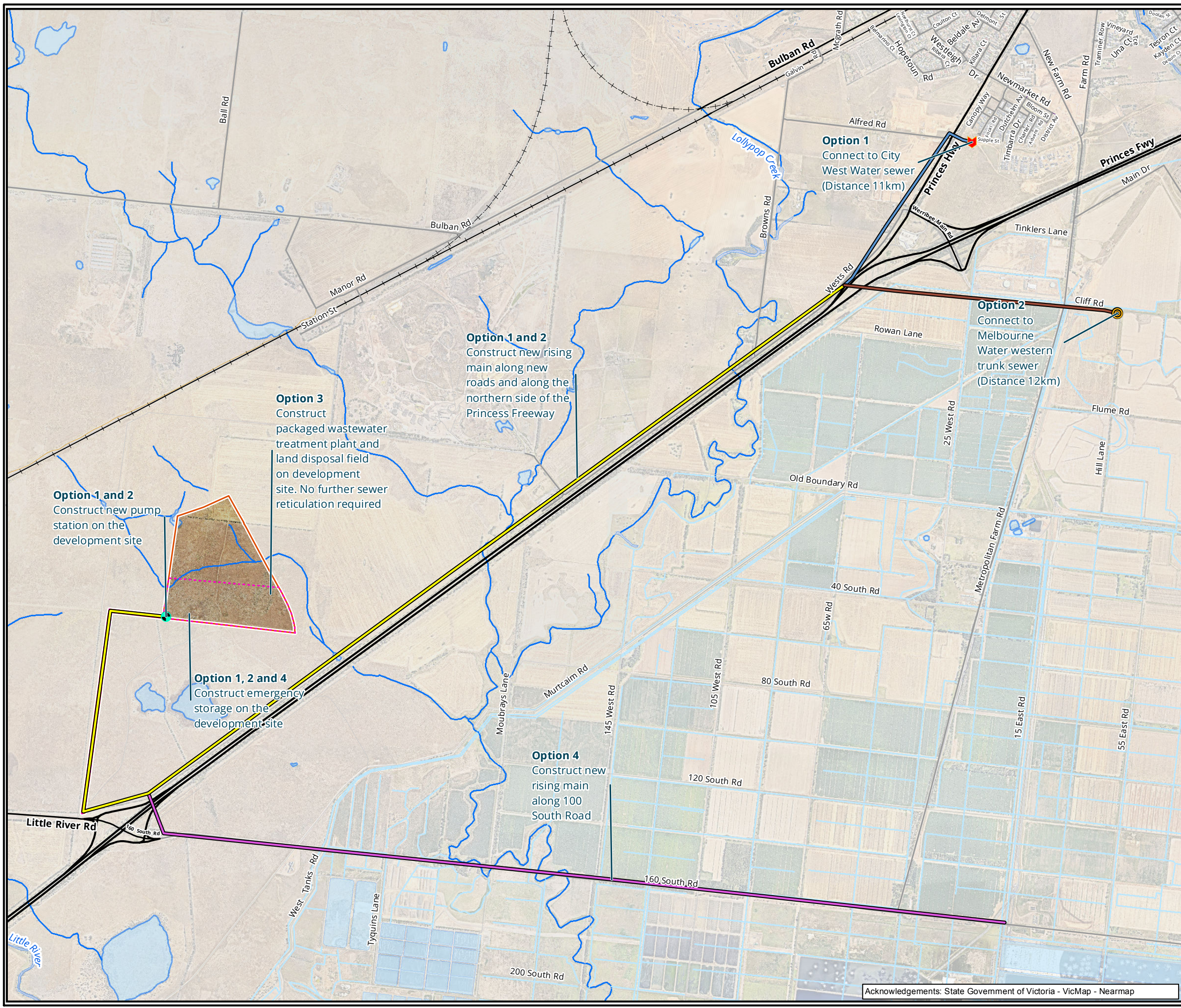
Appendix D.1 Ancillary servicing infrastructure plans - existing and potential potable water supply options

Note: Spatial data has been digitised from the Asset Owner Consultation Report (ARUP, June 2017)



Scale: 1:25,000 @ A3
Coordinate System: GDA 1994 MGA Zone 55





Legend

- Study area
- Impact area

Sewer infrastructure

- Existing Melbourne Water sewer manhole
- Existing City West Water sewer manhole
- Proposed pump station

Description

- Proposed rising main - Option 1
- Proposed rising main - Option 2
- Proposed rising main - Option 1 and 2
- Proposed rising main - Option 4

Option 1 and 2
Construct new pump station on the development site

Option 1, 2 and 4
Construct emergency storage on the development site

Option 3
Construct packaged wastewater treatment plant and land disposal field on development site. No further sewer reticulation required

Option 1 and 2
Construct new rising main along new roads and along the northern side of the Princess Freeway

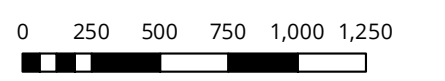
Option 4
Construct new rising main along 100 South Road

Option 1
Connect to City West Water sewer (Distance 11km)

Option 2
Connect to Melbourne Water western trunk sewer (Distance 12km)

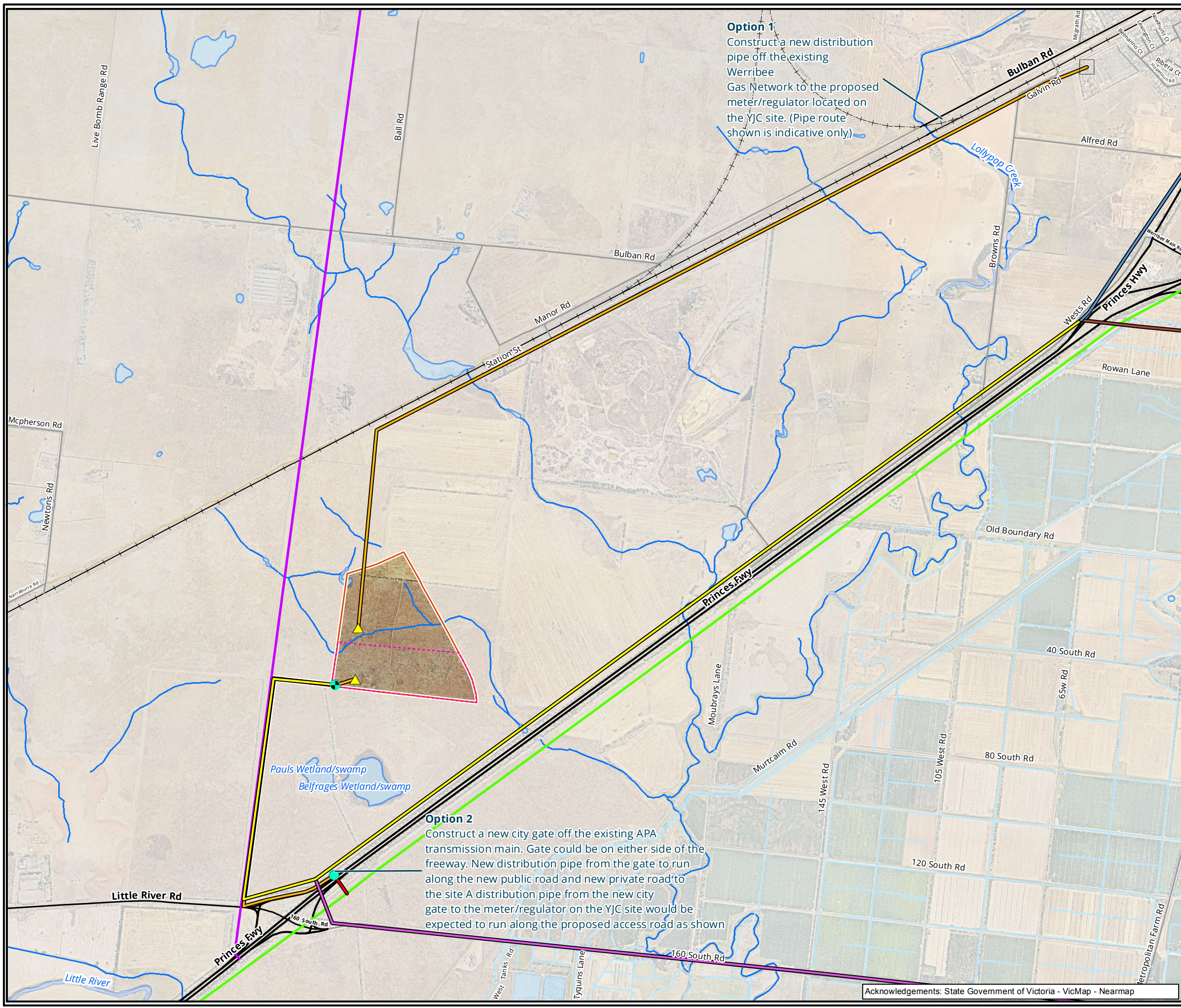
Appendix D.2 Ancillary servicing infrastructure plans - existing and potential sewerage supply options

Note: Spatial data has been digitised from the Asset Owner Consultation Report (ARUP, June 2017)



Metres
Scale: 1:27,500 @ A3
Coordinate System: GDA 1994 MGA Zone 55





Option 1
 Construct a new distribution pipe off the existing Werribee Gas Network to the proposed meter/regulator located on the YJC site. (Pipe route shown is indicative only)

Option 2
 Construct a new city gate off the existing APA transmission main. Gate could be on either side of the freeway. New distribution pipe from the gate to run along the new public road and new private road to the site A distribution pipe from the new city gate to the meter/regulator on the YJC site would be expected to run along the proposed access road as shown

Legend

- Study area
- Impact area

Sewer infrastructure

- Proposed pump station

Description

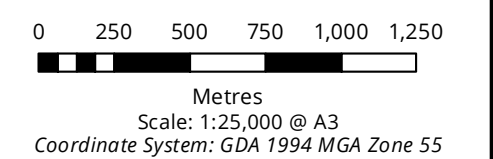
- Proposed rising main - Option 1
- Proposed rising main - Option 2
- Proposed rising main - Option 1 and 2
- Proposed rising main - Option 4

Gas infrastructure

- Existing AusNet Gas distribution network
- ▲ Proposed gas meter / regulator (on-site)
- Proposed small gas city gate
- Existing APA 350mm transmission main
- Existing APA 500mm transmission main
- Proposed AusNet gas distribution pipe
- Proposed gas high pressure main

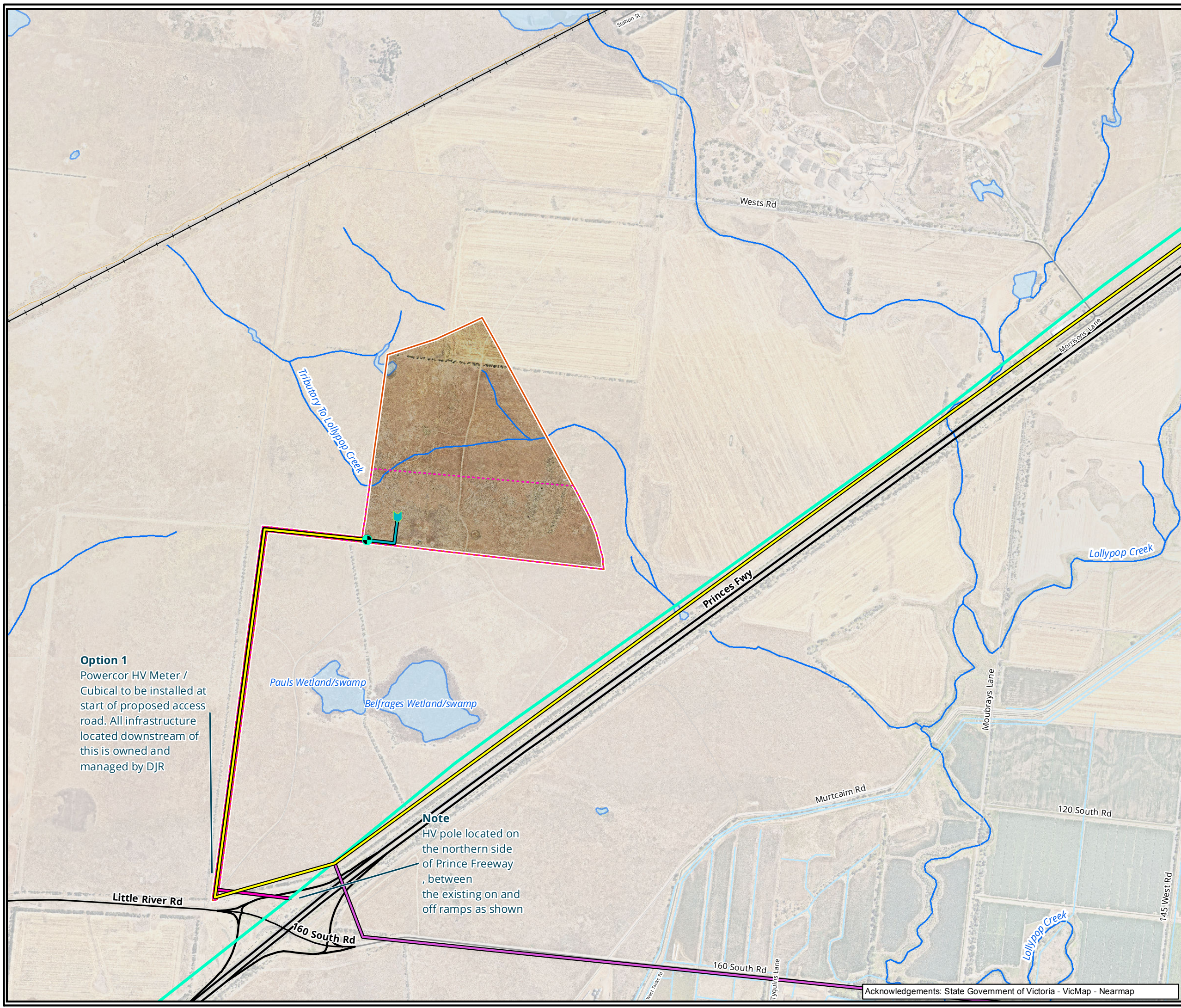
Appendix D.3 Ancillary servicing infrastructure plans - existing and potential gas supply options

Note: Spatial data has been digitised from the Asset Owner Consultation Report (ARUP, June 2017)



Matter: 25266, Date: 11 October 2017, Checked by: MSS, Drawn by: LDM, Last edited by: Imline, Location: P:\25100s\25102\Mapping\25266_AppC_AncillaryInfrastructure.mxd

Acknowledgements: State Government of Victoria - VicMap - Nearmap



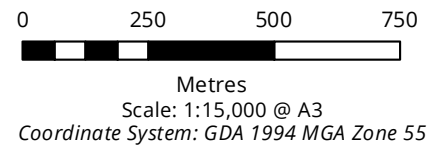
- Legend**
- Study area
 - Impact area
- Sewer infrastructure**
- Proposed pump station
- Description**
- Proposed rising main - Option 1 and 2
 - Proposed rising main - Option 4
- Electricity infrastructure**
- Proposed DJR kiosk substation
 - Existing Powercor 66kV overhead cable
 - Proposed 22 kV overhead cable - Option 1 - DJR
 - Proposed 22 kV overhead cable - Option 1 - Powercor

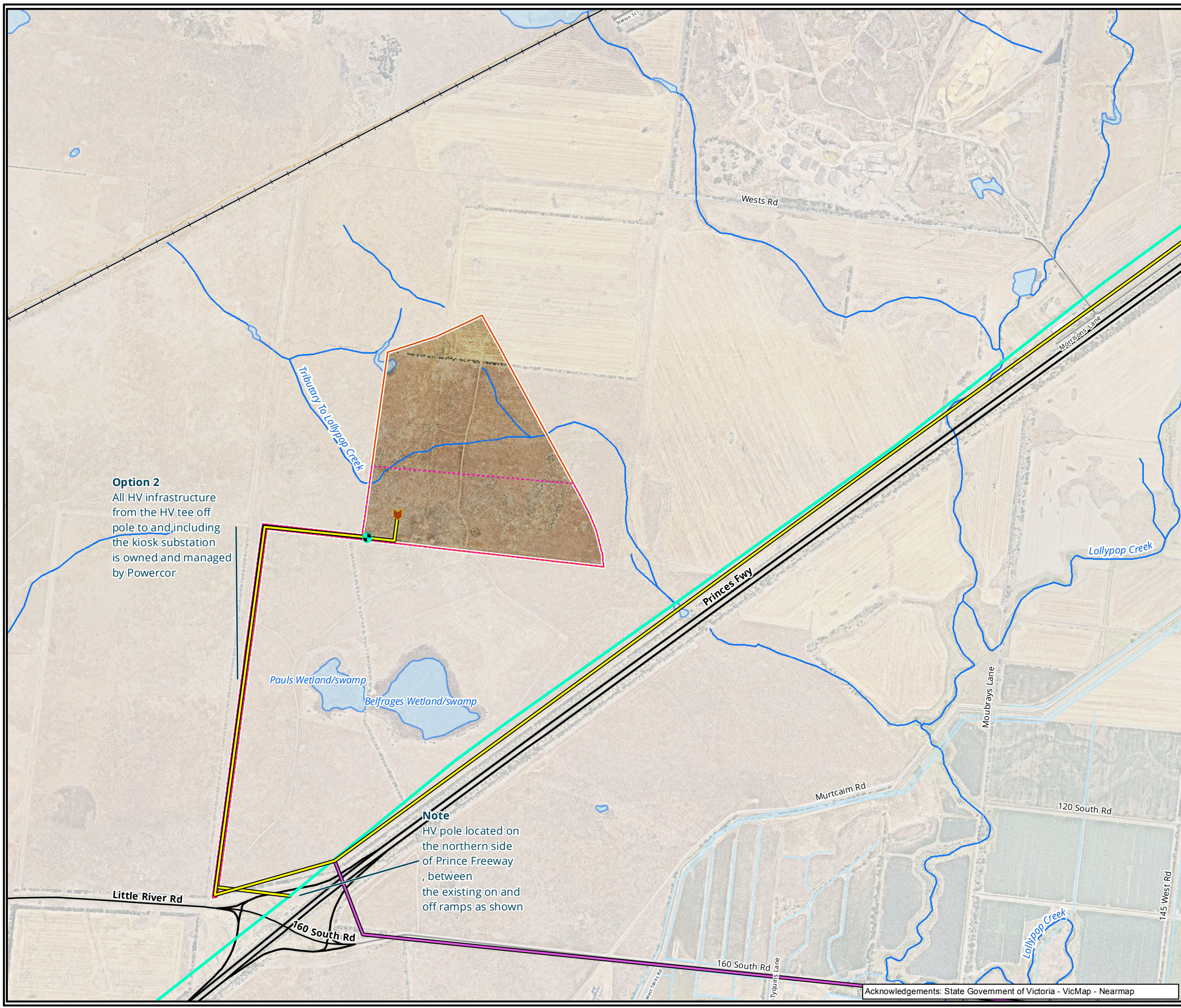
Option 1
 Powercor HV Meter / Cubical to be installed at start of proposed access road. All infrastructure located downstream of this is owned and managed by DJR

Note
 HV pole located on the northern side of Prince Freeway, between the existing on and off ramps as shown

Appendix D.4 Ancillary servicing infrastructure plans - existing and potential electricity supply options - Option 1 HV Customer

Note: Spatial data has been digitised from the Asset Owner Consultation Report (ARUP, June 2017)





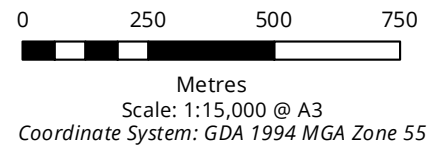
- Legend**
- Study area
 - Impact area
- Sewer infrastructure**
- Proposed pump station
- Description**
- Proposed rising main - Option 1 and 2
 - Proposed rising main - Option 4
- Electricity infrastructure**
- Proposed Powercor kiosk substation
 - Existing Powercor 66kV overhead cable
 - Proposed 22 kV overhead cable - Option 2 - Powercor

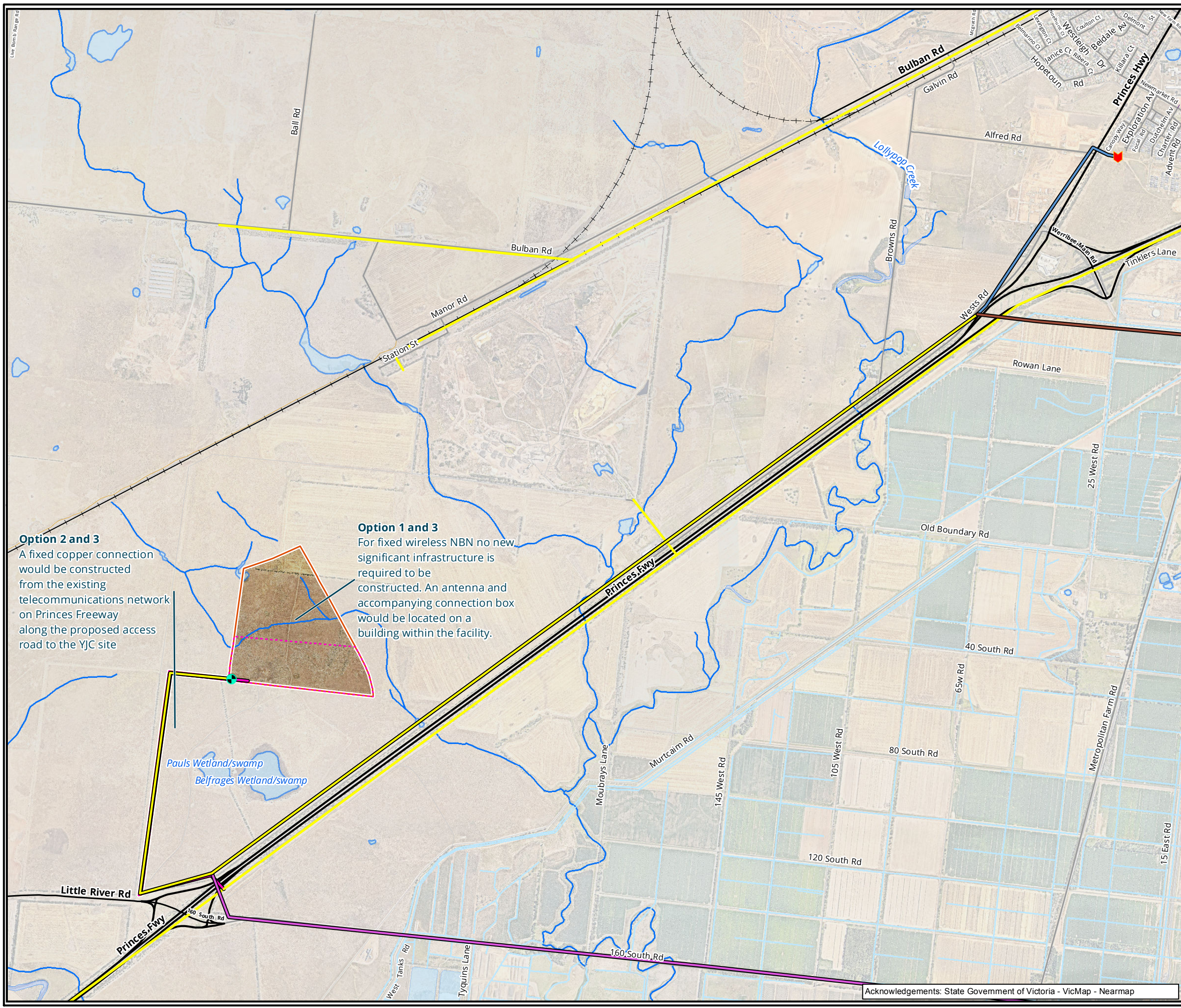
Option 2
 All HV infrastructure from the HV tee off pole to and including the kiosk substation is owned and managed by Powercor

Note
 HV pole located on the northern side of Prince Freeway, between the existing on and off ramps as shown

Appendix D.5 Ancillary servicing infrastructure plans - existing and potential electricity supply options - Option 2 LV Customer

Note: Spatial data has been digitised from the Asset Owner Consultation Report (ARUP, June 2017)





Option 2 and 3
 A fixed copper connection would be constructed from the existing telecommunications network on Princes Freeway along the proposed access road to the YJC site

Option 1 and 3
 For fixed wireless NBN no new significant infrastructure is required to be constructed. An antenna and accompanying connection box would be located on a building within the facility.

Legend

- Study area
- Impact area

Sewer infrastructure

- ➔ Existing City West Water sewer manhole
- Proposed pump station

Description

- Proposed rising main - Option 1
- Proposed rising main - Option 2
- Proposed rising main - Option 1 and 2
- Proposed rising main - Option 4

Communications infrastructure

- Existing Telstra communications conduit
- Proposed Telstra copper cable

Appendix D.6 Ancillary servicing infrastructure plans - existing and potential communications supply options

Note: Spatial data has been digitised from the Asset Owner Consultation Report (ARUP, June 2017)



Scale: 1:25,000 @ A3
 Coordinate System: GDA 1994 MGA Zone 55

