Job No. 0413 - 0532

LIMIT OF SHEETS

LIMIT OF SHEETS

JOINS SHEET 3

JOINS SHEET 2

Gawler Street
Qmax = 22.5 m³/s
tp = 4.8 hrs

Adelaide Road
Qmax = 28.5 m³/s
tp = 5.2 hrs

DATA SOURCE:
SA Water structures supplied by SA Water; Water Main Crossing
Watercourse derived from data supplied by SA Water and Mt Barker
City Council; Substations supplied by ETSA; Emergency and Cultural
Features, Roads, Contours (Aerometrex), Council Stormwater
Network and Cadastre supplied by DC of Mt Barker; Parks and
Reserves supplied by Dept of Environment and Heritage (DEH);
Railways supplied by Primary Industries and Resources SA (PIRSA)
Freeway digitised by AWE; Watercourse and Railway edited to
improve their spatial precision; Study Area supplied by AWE; Flood
data supplied by Water Technology.

LEGEND

Bridges and Culverts
Water Main Crossing
Watercourse
Emergency and Cultural Features:
Hospital
Police Station
CFS
Mount Barker Council Depot
Mount Barker Town Hall
Sports Club
Mount Barker Cemetery
Mount Barker Library
Mount Barker Showgrounds
Mount Barker Travel Park
Leasinga Wetlands
Contact (5 minute interval):
Index Contour
Intermediate Contour
Council Stormwater Network
Railway Line
Roads:
Freeway
Main Road
Sealed
Sealed Laneway
Unsealed and Tracks
Unsealed

Flood Depth (m):
0 - 0.10
0.11 - 0.25
0.26 - 0.50
0.51 - 1.00
1.01 - 1.50
1.51 - 2.50
2.51 - 5.00
Greater than 5.00

0 100 200 300 400 500
Metres, Scale 1:10,000 on A3 Page

Mount Barker Floodplain Mapping Study
1:50 Year ARI Flood Inundation Map
Sheet 1 of 7
**Data Sources:**
SA Water Structures supplied by SA Water; Water Main Crossing Watercourse derived from data supplied by SA Water and Mt Barker City Council; Substations supplied by SA Water and Mt Barker City Council; Suburban roads supplied by SA Water and Mt Barker City Council; Interstate roads supplied by Primary Industries and Resources SA (PIRSA); Railways supported by Primary Industries and Resources SA (PIRSA); Emergency and Cultural Features, Roads, Contours (Aerometrex), Council Stormwater Network and Cadastre supplied by Department of Environment and Heritage (DEH); Parks and Reserves supplied by Dept of Environment and Heritage (DEH); Railways supplied by Primary Industries and Resources SA (PIRSA); Freeway digitised by AWE; Watercourse and Railway edited to improve their spatial precision; Study Area supplied by AWE; Flood data supplied by Water Technology.

**LEGEND:**
- Bridges and Culverts
- Substations
- SA Water Structure
- Water Main Crossing
- Watercourse
- Emergency and Cultural Features:
  - Hospital
  - Police Station
- Sports Club
- Mount Barker Cemetery
- Mount Barker Showgrounds
- Mount Barker Tourist Park
- Laratinga Wetlands
- Contours (5 metre interval):
  - Index Contour
  - Intermediate Contour
  - Council Stormwater Network
- Railway Line
- Roads:
  - Freeway
  - Main Road
  - Sealed
  - Unsealed
  - Tracks
- Watercourse
- Calabash
- Golf Course
- Parks and Reserves
- Recreation
- Reserve
- Floodplain
- Hydraulic Study Area
- 1:50 Year ARI Flood Inundation Map

**Mount Barker Floodplain Mapping Study**
1:50 Year ARI Flood Inundation Map
Sheet 3 of 7

**Mount Barker Floodplain Mapping Study**

**Gawler Street**
- $Q_{\text{max}} = 22.5 \text{m}^3/\text{s}$
- $t_p = 4.8 \text{hrs}$

**Adelaide Road**
- $Q_{\text{max}} = 28.5 \text{m}^3/\text{s}$
- $t_p = 5.2 \text{hrs}$

**Wellington Road**
- $Q_{\text{max}} = 18.4 \text{m}^3/\text{s}$
- $t_p = 4.7 \text{hrs}$