FIGURE C7A
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
1% AEP EVENT

LENTHALL ST
TODMAN AV
GARDENERS RD
ANZAC PDE
ALISON RD
RAINBOW ST
HIGH ST
BARKER ST
BOTANY ST
COWPER ST
D'ARLEY RD

Major Contours (5.0 m Intervals)
Minor Contours (1.0 m Intervals)
Mapping Extent
Study Area

Depth (m)
0 - 0.15
0.15 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC07A_100y_PeakFloodDepthsLevels.mxd

FIGURE C7B
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
1% AEP EVENT

YORK RD
DARLEY RD
ALISON RD
FRENCHMANS RD
COWPER ST
CLOVELLY RD
AVOCA ST
CARRINGTON RD
ALBION ST
FERN ST

N

Major Contours (5.0 m Intervals)
Minor Contours (1.0 m Intervals)
Mapping Extent
Study Area

Depth (m)
0 - 0.15
0.15 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC07B_100y_PeakFloodDepthsLevels.mxd

FIGURE C8A
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
0.5% AEP EVENT

GARDENERS RD
LENTHALL ST
TODMAN AV
ANZAC PDE
ALISON RD
RAINBOW ST
HIGH ST
BARKER ST
BOTANY ST
COWPER ST
D'ARLEY RD

N

Major Contours (5.0 m Intervals)
Minor Contours (1.0 m Intervals)
Mapping Extent
Study Area

Depth (m)
0 - 0.15
0.15 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC08A_200y_PeakFloodDepthsLevels.mxd

FIGURE C8B
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
0.5% AEP EVENT

YORK RD
DARLEY RD
ALISON RD
COWPER ST
FRENCHMANS RD
AVOCA ST
CLOVELLY RD
CARRINGTON RD
ALBION ST
FERN ST

Major Contours (5.0 m Intervals)
Minor Contours (1.0 m Intervals)
Mapping Extent
Study Area

Depth (m)
0 - 0.15
0.15 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

N

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_RevisionVARC\Maps\AppendixC\FigureC08B_200y_PeakFloodDepthsLevels.mxd

FIGURE C9A
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
0.2% AEP EVENT

LENTHALL ST
TODMAN AV
GARDENERS RD
ANZAC PDE
ALISON RD
RAINBOW ST
HIGH ST
BARKER ST
BOTANY ST
COWPER ST
DARLEY RD

N

Major Contours (5.0 m Intervals)
Minor Contours (1.0 m Intervals)
Mapping Extent
Study Area

Depth (m)
0 - 0.15
0.15 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC09A_500y_PeakFloodDepthsLevels.mxd

FIGURE C9B
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
0.2% AEP EVENT

YORK RD
DARLEY RD
ALISON RD
COWPER ST
FRENCHMANS RD
AVOCA ST
CLOVELLY RD
CARRINGTON RD
ALBION ST
FERN ST

Major Contours (5.0 m Intervals)
Minor Contours (1.0 m Intervals)
Mapping Extent
Study Area

Depth (m)
0 - 0.15
0.15 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

N

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_RevisionVARC\Maps\AppendixC\FigureC09B_500y_PeakFloodDepthsLevels.mxd

FIGURE C10A
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
PMF EVENT

GARDENERS RD
LENTHALL ST
TODMAN AV
ANZAC PDE
ALISON RD
RAINBOW ST
HIGH ST
BARKER ST
BOTANY ST
DARLEY RD

N

Major Contours (5.0 m Intervals)
Minor Contours (1.0 m Intervals)
Mapping Extent
Study Area

Depth (m)
0 - 0.15
0.15 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC10A_PMF_PeakFloodDepthsLevels.mxd

FIGURE C10B
PEAK FLOOD DEPTHS AND LEVELS
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
PMF EVENT

YORK RD
DARLEY RD
ALISON RD
FRENCHMANS RD
COWPER ST
CLOVELLY RD
AVOCA ST
CARRINGTON RD
ALBION ST
FERN ST

Major Contours (5.0 m Intervals)
Minor Contours (1.0 m Intervals)
Mapping Extent
Study Area

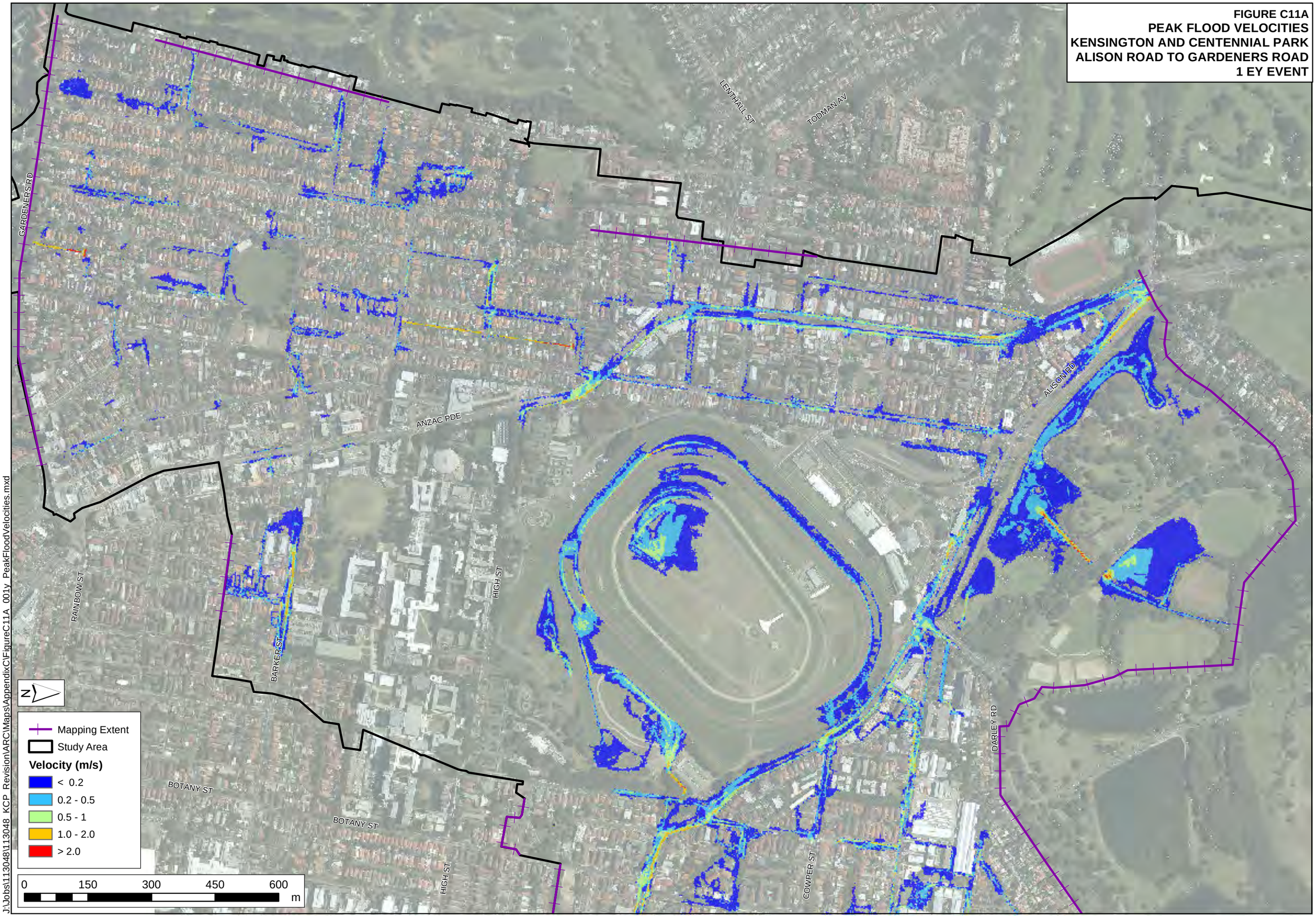
Depth (m)
0 - 0.15
0.15 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 2.0
> 2.0

N

0 150 300 450 600
m

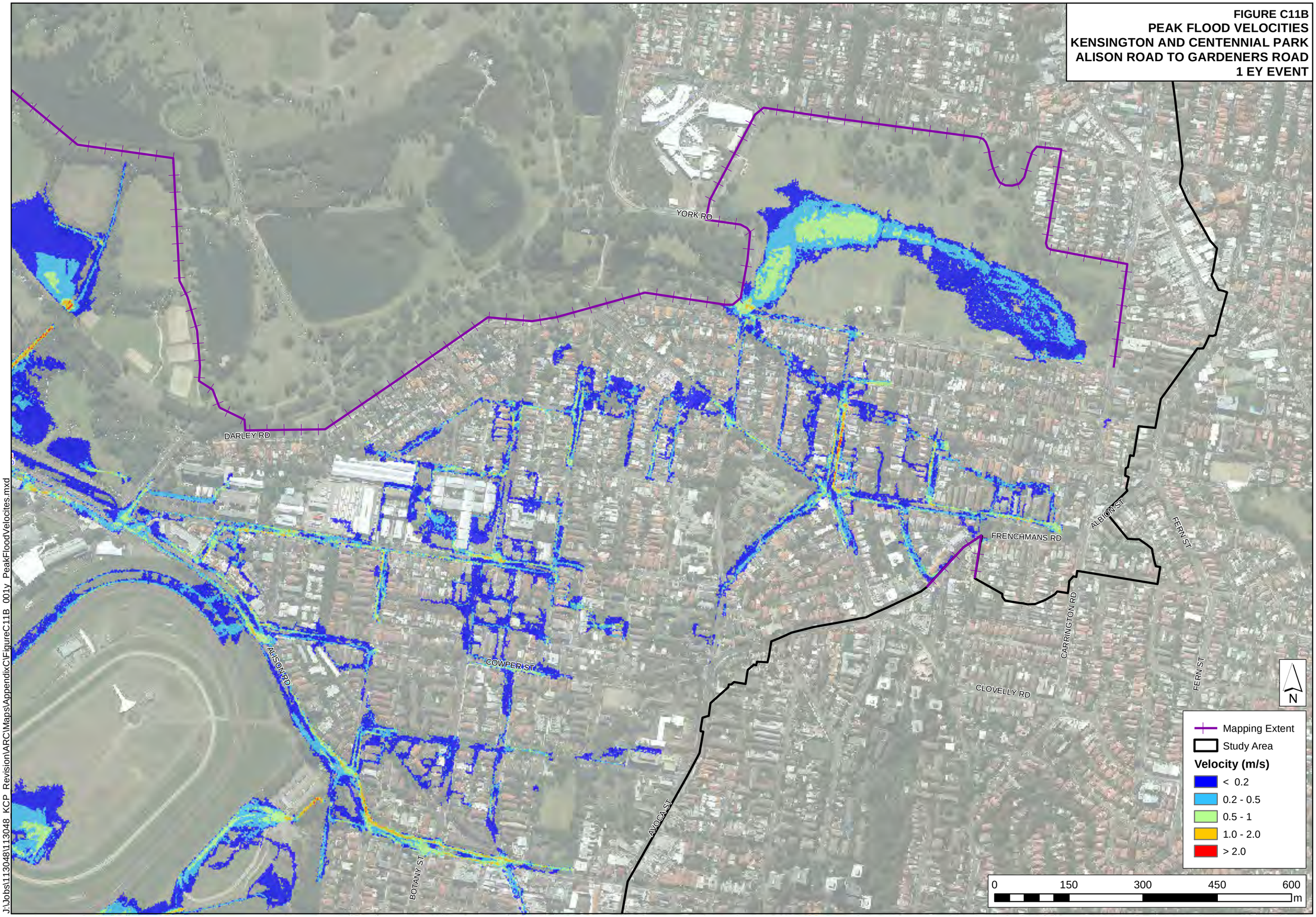
J:\Jobs\113048\113048 KCP Revision\ARC\Maps\AppendixC\FigureC10B PMF PeakFloodDepthsLevels.mxd

FIGURE C11A
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
1 EY EVENT



J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC11A_001y_PeakFloodVelocities.mxd

FIGURE C11B
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
1 EY EVENT



J:\Jobs\113048\113048_KCP_RevisionIARC\Maps\AppendixC\FigureC11B_001y_PeakFloodVelocities.mxd

FIGURE C12A
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
50% AEP EVENT

MAITLAND AV
ABOUD AV
TRESIDDER AV
TUNSTALL AV
SHAW AV
GOODRICH AV
WINBURN AV
INGLETHORPE AV
EASTERN AV
GARDENERS RD
MINYA AV
WURLEY AV
BORRODALE RD
LEONARD AV
EDWARD AV
COURT AV
DONCASTER AV
DAY AV
COTTENHAM AV
MOORAMIE AV
KOORINDA AV
ROMA AV
DORAN ST
DAY L
BRUCE ST
BRUCE L
SEES L
SEE ST
STRACHAN L
STRACHAN ST
BARKER L
HOUSTON RD
HOUSTON L
ANZAC PDE
GARDENERS RD
MCDOUGALL ST
BAKER ST
LENTHALL ST
MILROY AV
YORK PL
SHERWOOD ST
BROMPTON RD
BALFOUR RD
KENSINGTON RD
GROSVENOR ST
ADDISON ST
VILLIERS ST
TODMAN AV
DUKE ST
KENSINGTON RD
SALISBURY RD
LORNE AV
BORONIA ST
DARLING ST
DARLING L
BOWRAL ST
ASCOT ST
ELSMERE ST
CARLTON ST
CARLTON L
ABBOTFORD ST
ABBOTFORD L
ALISON RD
TAY ST
MARTIN RD
DONCASTER AV
HARBOURNE ST
HARBOURNE RD
HARBOURNE L
MEEKS ST
MEEKS L
MIDDLE L
MIDDLE ST
FORSYTH ST
WILLIS L
WILLIS ST
RAINBOW ST
KENNEDY L
KENNEDY ST
BARKER ST
HIGH ST
GRAND DR
JOHN L
WILLIAM ST
KING ST
D'ARLEY RD
PARKES DR
DICKENS DR
MULWARREE AV
WANSEY RD
BRADLEY ST
PRINCE ST
FRANCES ST
COWPER ST
BURTON L
BURTON ST
PRINCE L
GOVETT L
GOVETT ST
HUDDART L
CHURCH ST
TRAM L
SILVER ST
ARTHUR ST
BLENHEIM ST
HIGH ST
EURIMBLA AV
MAGILL ST
HAY ST
HAY L
JANE ST
BOTANY ST
BOTANY L
NORTON ST
NORTON L
OVAL L
KENNETH L
MIDDLE ST

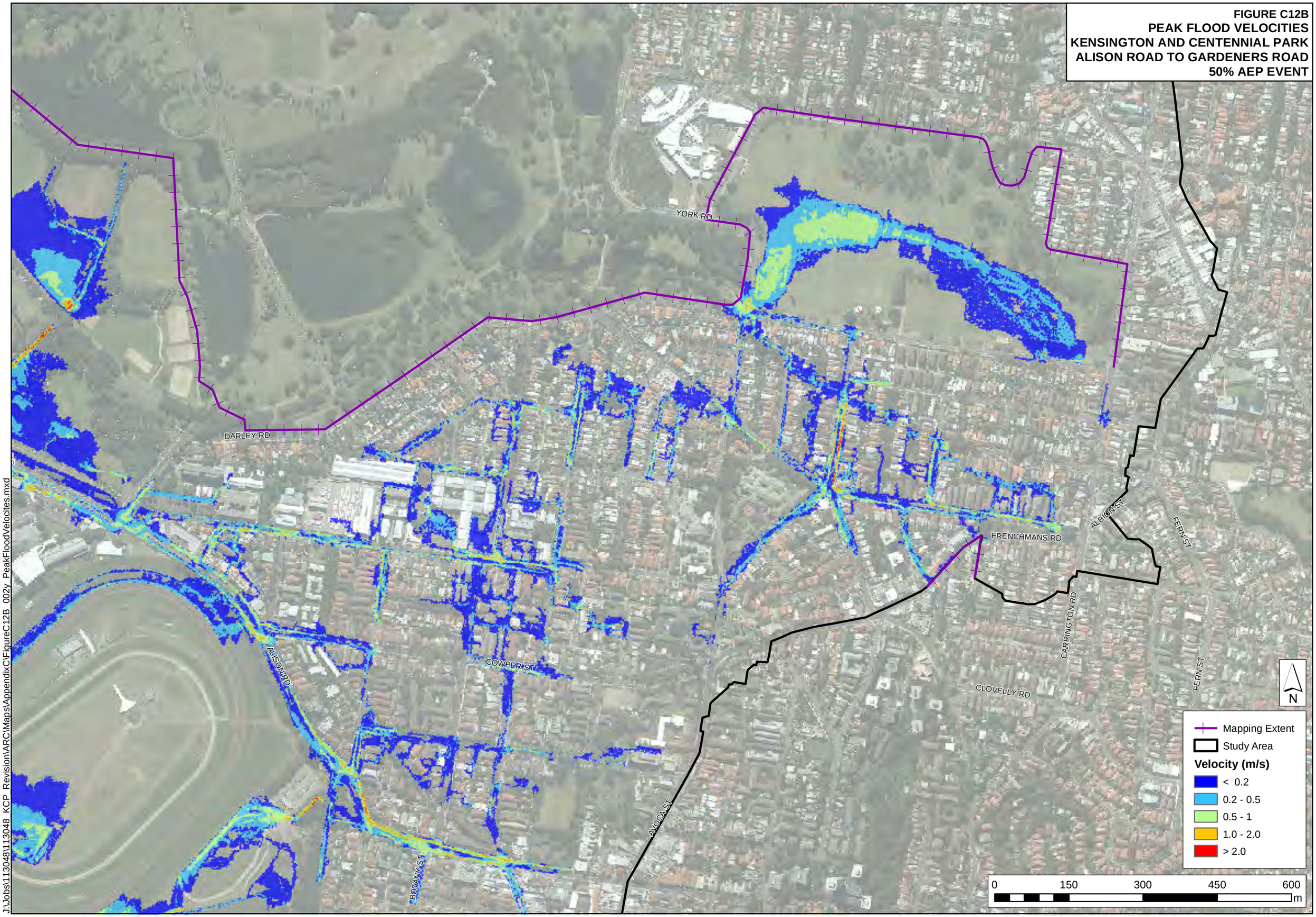
N

Mapping Extent
Study Area
Velocity (m/s)
< 0.2
0.2 - 0.5
0.5 - 1
1.0 - 2.0
> 2.0

0 150 300 450 600 m

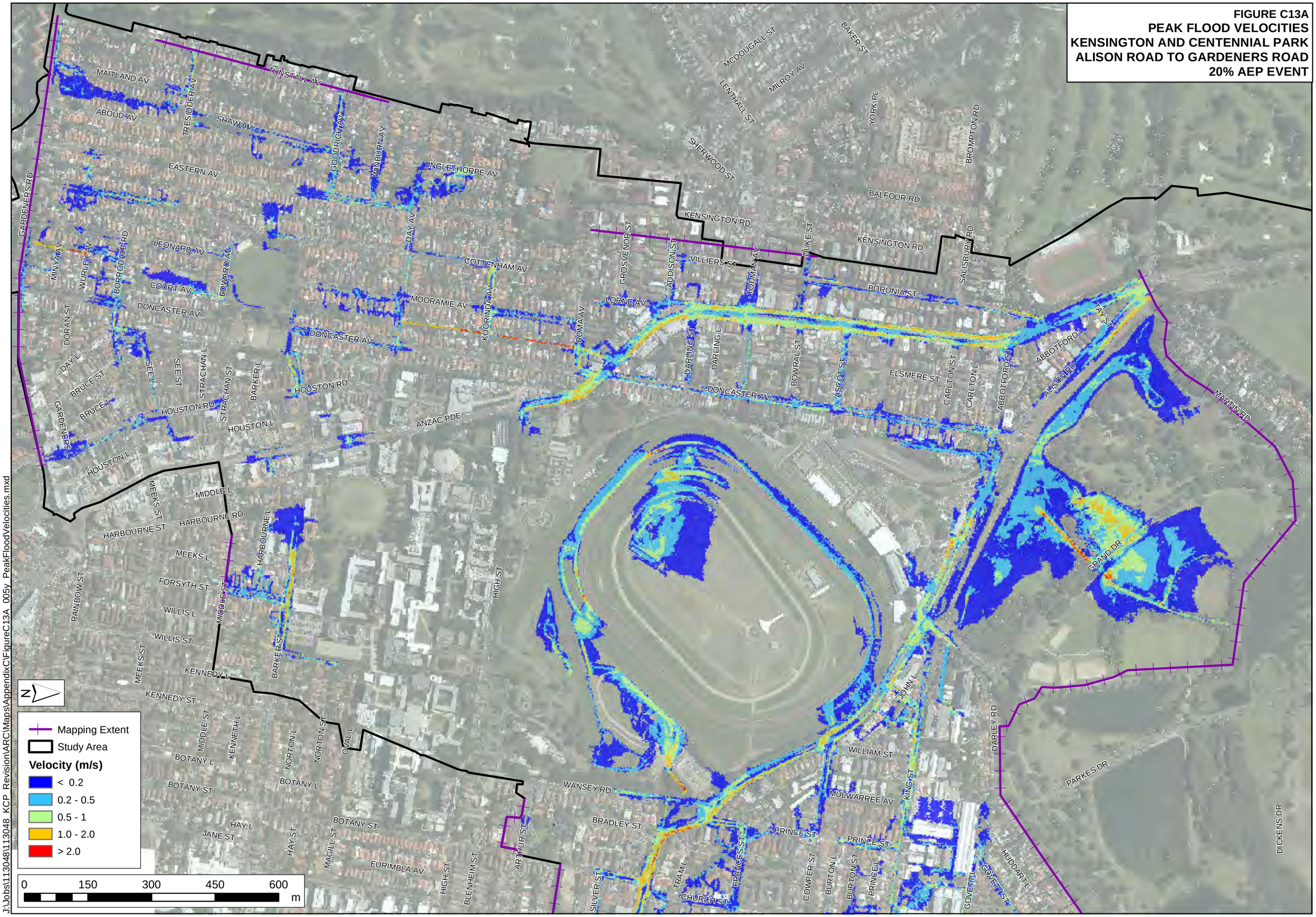
J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC12A_002y_PeakFloodVelocities.mxd

FIGURE C12B
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
50% AEP EVENT



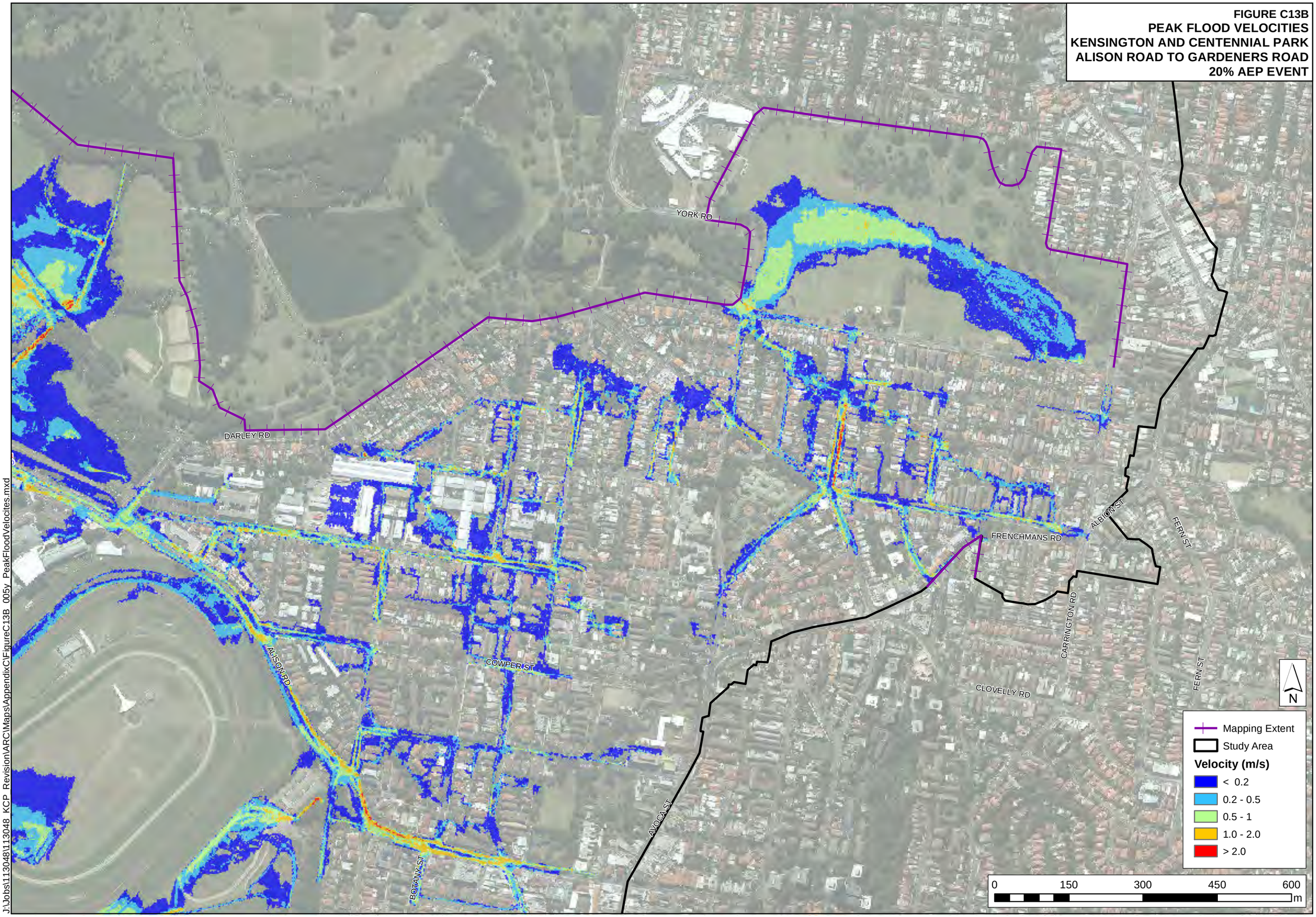
J:\Jobs\113048\113048 KCP Revision\ARC\Maps\AppendixC\FigureC12B 002y PeakFloodVelocites.mxd

FIGURE C13A
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
20% AEP EVENT



J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC13A_005y_PeakFloodVelocities.mxd

FIGURE C13B
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
20% AEP EVENT



J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC13B_005y_PeakFloodVelocites.mxd

FIGURE C14A
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
10% AEP EVENT

MAITLAND AV
ABOUD AV
TRESIDDER AV
TUNSTALL AV
SHAW AV
GOODRICH AV
WINBURN AV
INGLETHORPE AV
EASTERN AV
GARDENERS RD
MCDOUGALL ST
BAKER ST
LENTHALL ST
MILROY AV
YORK PL
SHERWOOD ST
BROMPTON RD
BALFOUR RD
KENSINGTON RD
GROSVENOR ST
ADDISON ST
VILLIERS ST
TOLMAN AV
DUKE ST
SALISBURY RD
MINYA AV
WURLEY AV
BORRODALE RD
LEONARD AV
EDWARD AV
DAY AV
COTTENHAM AV
COURT AV
DONCASTER AV
MOORAMIE AV
KOORINDA AV
ROMA AV
LORNE AV
BORONIA ST
DORAN ST
DAY L
BRUCE ST
BRUCE L
GARDENERS L
SEES L
SEE ST
STRACHAN L
STRACHAN ST
BARKER L
HOUSTON RD
HOUSTON L
ANZAC PDE
DARLING ST
DARLING L
BOWRAL ST
ASCOT ST
ELSMERE ST
CARLTON ST
CARLTON L
ABBOTFORD ST
ABBOTFORD L
ALISON RD
JAY ST
MARTIN RD
GRAND DR
HARBOURNE ST
HARBOURNE RD
HARBOURNE L
MEEKS ST
MEEKS L
MIDDLE L
FORSYTH ST
RAINBOW ST
WILLIS L
WILLIS ST
KENNEDY L
KENNEDY ST
HIGH ST
BARKER ST
MIDDLE ST
KENNETH L
NORTON L
NORTON ST
OVAL L
BOTANY L
BOTANY ST
HAY L
JANE ST
HAY ST
MAGILL ST
EURIMBLA AV
BLENHEIM ST
ARTHUR ST
WANSEY RD
BRADLEY ST
SILVER ST
TRAM L
CHURCH ST
FRANCES ST
PRINCE ST
COWPER ST
BURTON L
BURTON ST
PRINCE L
GOVETT L
GOVETT ST
HUDDART L
JOHN L
KING ST
MULWARREE AV
WILLIAM ST
DARLEY RD
PARKES DR
DICKENS DR

N

Mapping Extent
Study Area

Velocity (m/s)

- < 0.2
- 0.2 - 0.5
- 0.5 - 1
- 1.0 - 2.0
- > 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC14A_010y_PeakFloodVelocities.mxd

FIGURE C14B
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
10% AEP EVENT

YORK RD
DARLEY RD
ALISON RD
COWPER ST
BOTANY ST
AVOCA ST
FRENCHMANS RD
ALBION ST
FERN ST
CARRINGTON RD
CLOVELLY RD

N

Mapping Extent
Study Area
Velocity (m/s)
< 0.2
0.2 - 0.5
0.5 - 1
1.0 - 2.0
> 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC14B_010y_PeakFloodVelocites.mxd

FIGURE C15A
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
5% AEP EVENT

LENTHALL ST
TODMAN AV
GARDENERS RD
ANZAC PDE
ALISON RD
RAINBOW ST
BARKER ST
HIGH ST
BOTANY ST
BOTANY ST
HIGH ST
COWPER ST
DARLEY RD

N

Mapping Extent
Study Area

Velocity (m/s)

- < 0.2
- 0.2 - 0.5
- 0.5 - 1
- 1.0 - 2.0
- > 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC15A_020y_PeakFloodVelocities.mxd

FIGURE C15B
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
5% AEP EVENT

YORK RD
DARLEY RD
ALISON RD
COWPER ST
FRENCHMANS RD
ALBION ST
FERN ST
CARRINGTON RD
CLOVELLY RD
AVOCA ST
BOTANY ST

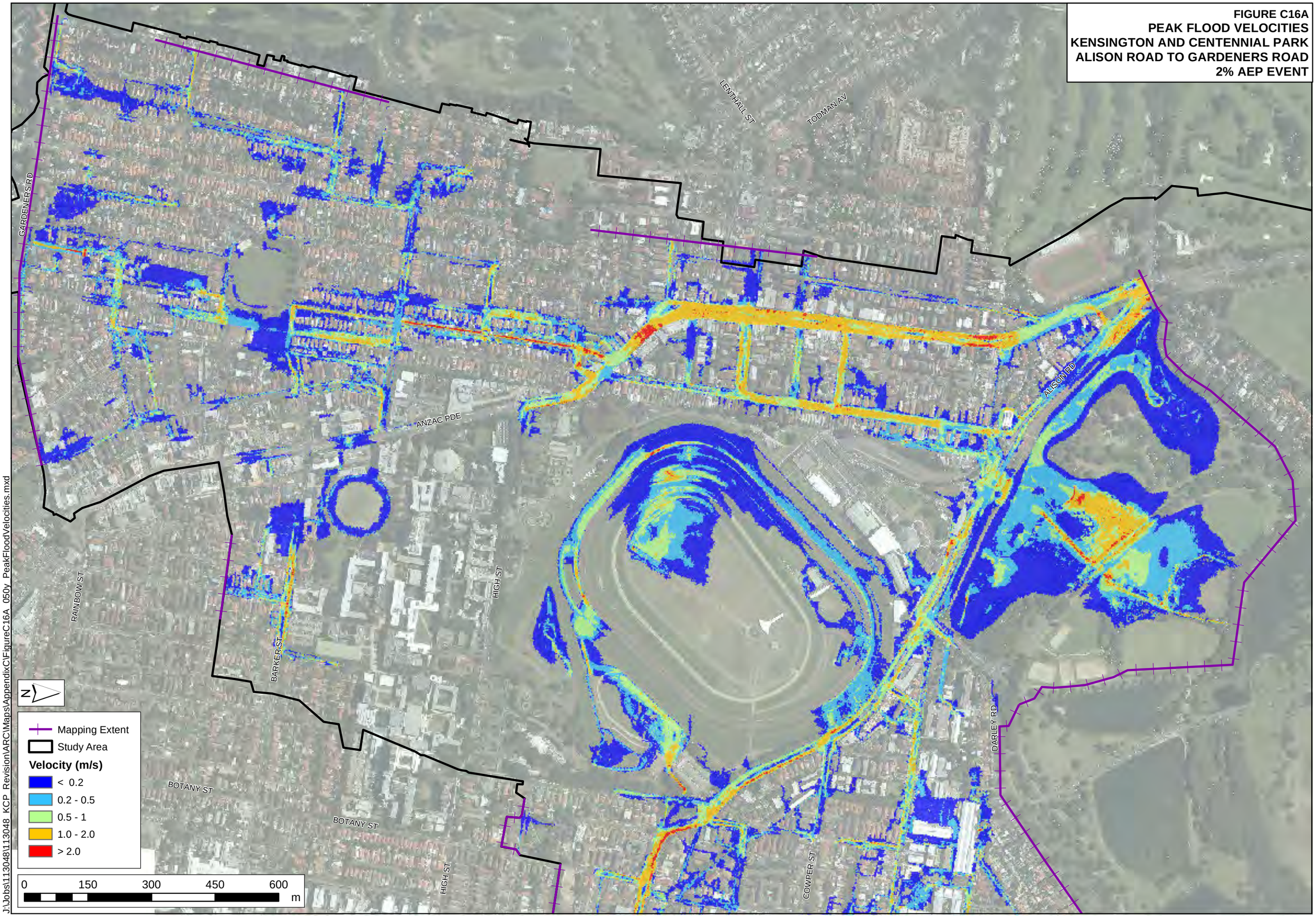
N

Mapping Extent
Study Area
Velocity (m/s)
< 0.2
0.2 - 0.5
0.5 - 1
1.0 - 2.0
> 2.0

0 150 300 450 600 m

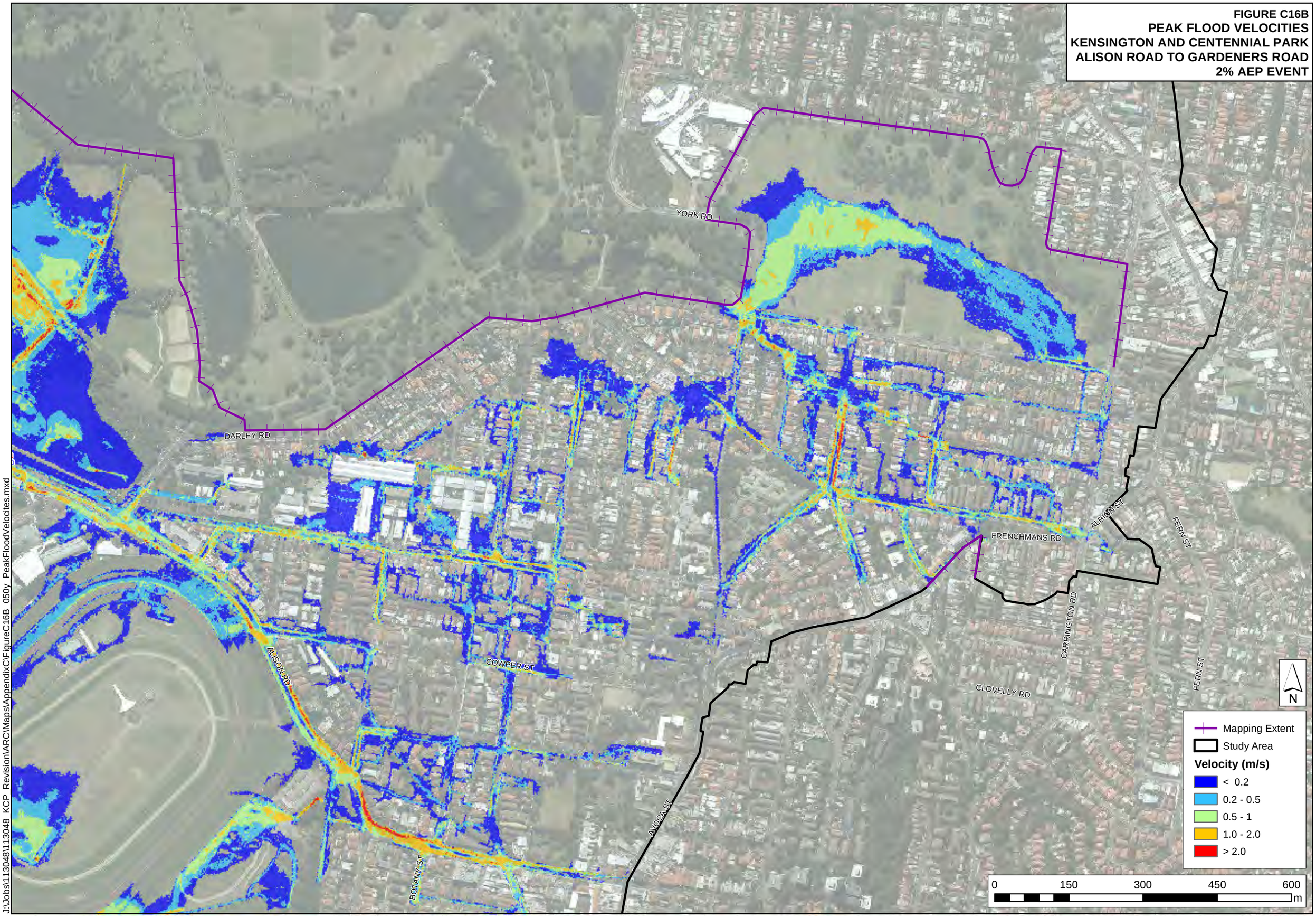
J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC15B_020y_PeakFloodVelocites.mxd

FIGURE C16A
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
2% AEP EVENT



J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC16A_050y_PeakFloodVelocities.mxd

FIGURE C16B
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
2% AEP EVENT



J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC16B_050y_PeakFloodVelocites.mxd

FIGURE C17A
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
1% AEP EVENT

LENTHALL ST
TODMAN AV
GARDENERS RD
ANZAC PDE
ALISON RD
RAINBOW ST
BARKER ST
HIGH ST
BOTANY ST
BOTANY ST
HIGH ST
COWPER ST
DARLEY RD

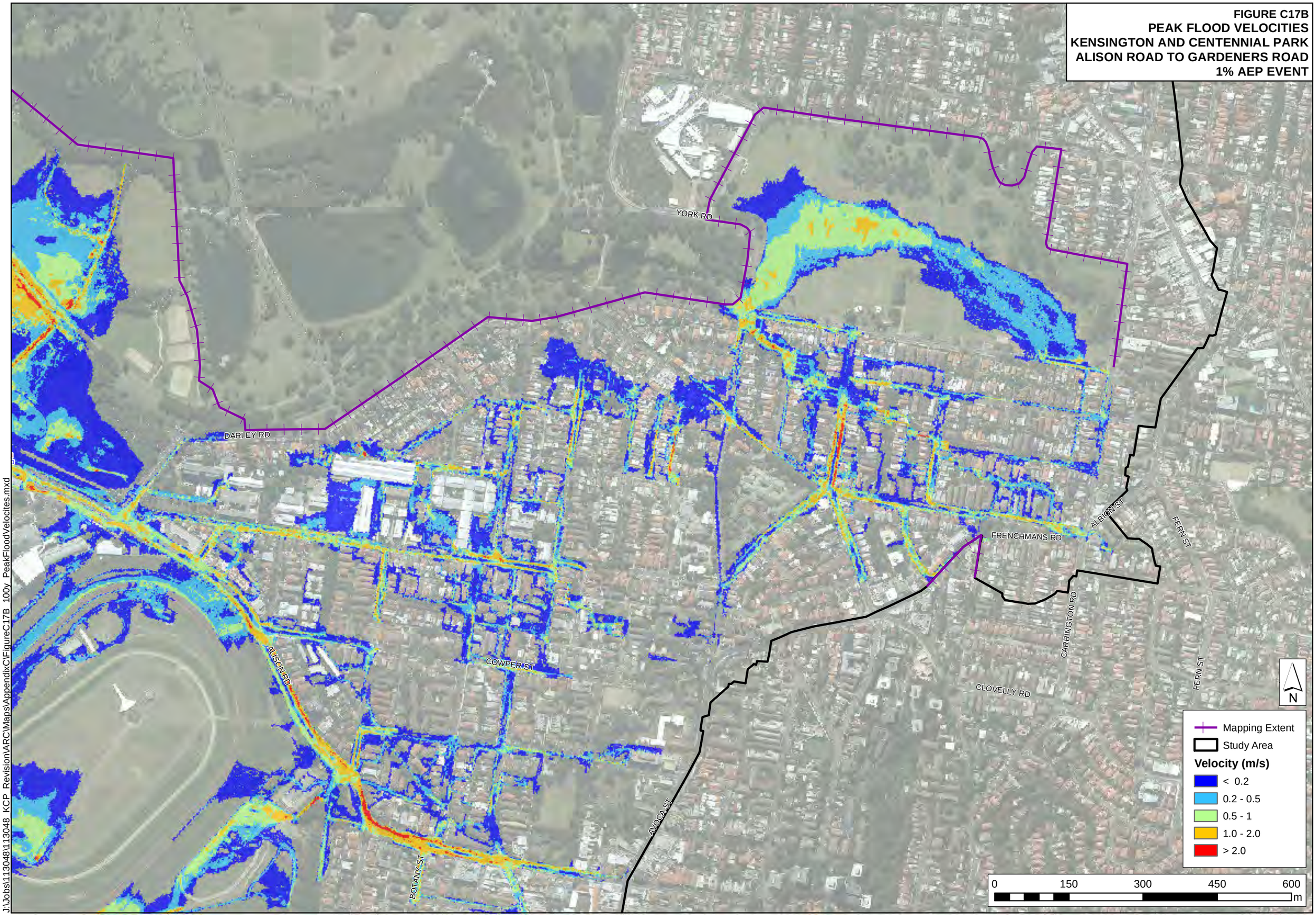
N

Mapping Extent
Study Area
Velocity (m/s)
< 0.2
0.2 - 0.5
0.5 - 1
1.0 - 2.0
> 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC17A_100y_PeakFloodVelocities.mxd

FIGURE C17B
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
1% AEP EVENT



J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC17B_100y_PeakFloodVelocites.mxd

FIGURE C18A
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
0.5% AEP EVENT

GARDENERS RD
LENTHALL ST
TODMAN AV
ANZAC PDE
ALISON RD
RAINBOW ST
BARKER ST
HIGH ST
BOTANY ST
BOTANY ST
HIGH ST
COWPER ST
DARLEY RD

N

Mapping Extent
Study Area
Velocity (m/s)
< 0.2
0.2 - 0.5
0.5 - 1
1.0 - 2.0
> 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048 KCP Revision\ARC\Maps\AppendixC\FigureC18A 200y PeakFloodVelocities.mxd

FIGURE C18B
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
0.5% AEP EVENT

YORK RD
DARLEY RD
ALISON RD
COWPER ST
BOTANY ST
AVOCA ST
FRENCHMANS RD
ALBION ST
FERN ST
CARRINGTON RD
CLOVELLY RD
FERN ST

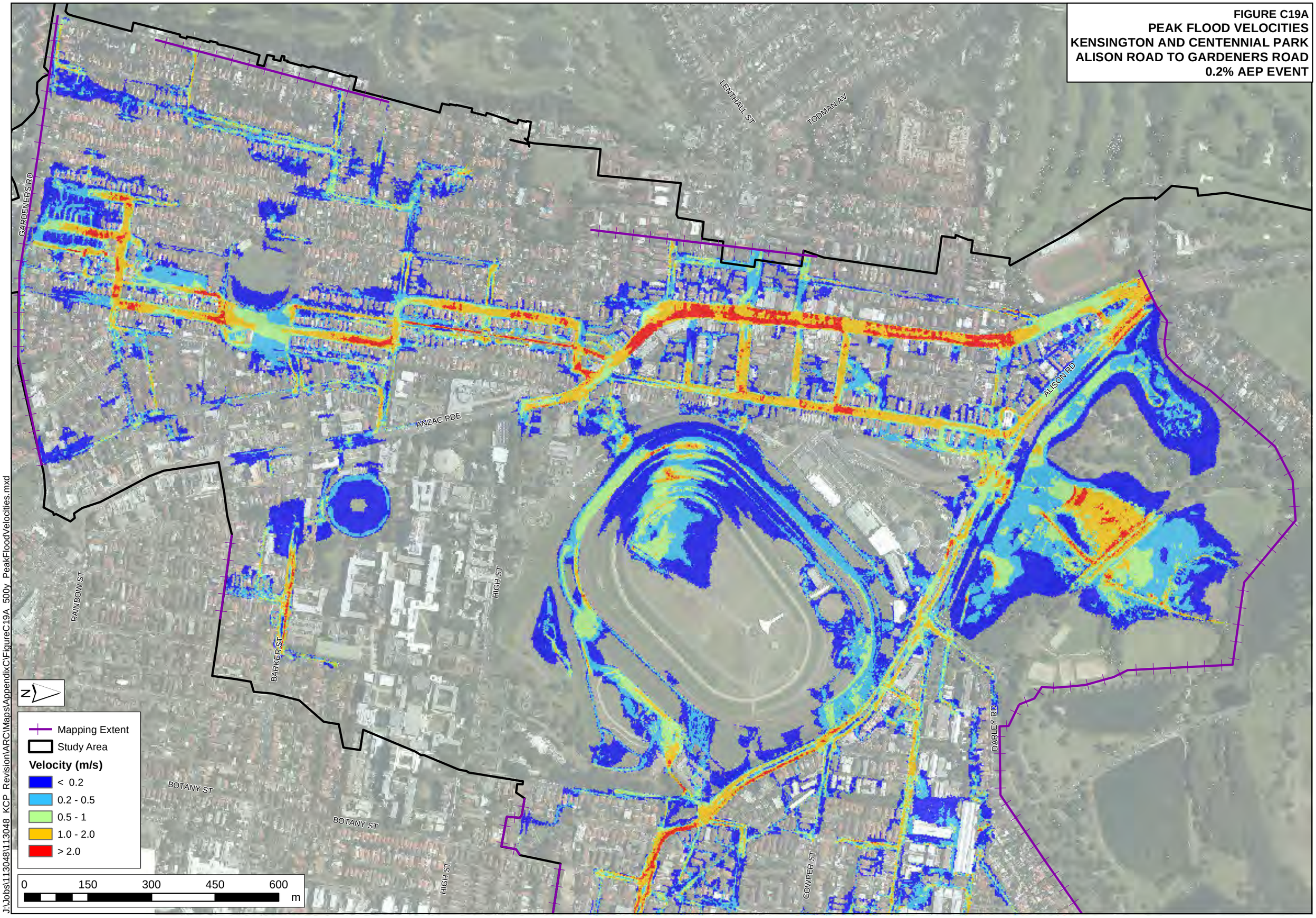
N

Mapping Extent
Study Area
Velocity (m/s)
< 0.2
0.2 - 0.5
0.5 - 1
1.0 - 2.0
> 2.0

0 150 300 450 600
m

J:\Jobs\113048\113048 KCP RevisionVARC\Maps\AppendixC\FigureC18B 200y PeakFloodVelocites.mxd

FIGURE C19A
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
0.2% AEP EVENT



J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC19A_500y_PeakFloodVelocities.mxd

FIGURE C19B
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
0.2% AEP EVENT

YORK RD
DARLEY RD
ALISON RD
COWPER ST
BOTANY ST
AVOCA ST
FRENCHMANS RD
ALBION ST
FERN ST
CARRINGTON RD
CLOVELLY RD

N

Mapping Extent
Study Area
Velocity (m/s)
< 0.2
0.2 - 0.5
0.5 - 1
1.0 - 2.0
> 2.0

0 150 300 450 600
m

J:\Jobs\113048\113048 KCP RevisionVARC\Maps\AppendixC\FigureC19B 500y PeakFloodVelocites.mxd

FIGURE C20A
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
PMF EVENT

GARDENERS RD
LENTHALL ST
TODMAN AV
ALISON RD
ANZAC PDE
RAINBOW ST
BARKER ST
HIGH ST
BOTANY ST
BOTANY ST
HIGH ST
COWPER ST
DARLEY RD

N

Mapping Extent
Study Area
Velocity (m/s)
< 0.2
0.2 - 0.5
0.5 - 1
1.0 - 2.0
> 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixC\FigureC20A_PMF_PeakFloodVelocities.mxd

FIGURE C20B
PEAK FLOOD VELOCITIES
KENSINGTON AND CENTENNIAL PARK
ALISON ROAD TO GARDENERS ROAD
PMF EVENT

YORK RD
DARLEY RD
ALISON RD
COWPER ST
BOTANY ST
AVOCA ST
FRENCHMANS RD
ALBION ST
FERN ST
CARRINGTON RD
CLOVELLY RD

N

Mapping Extent
Study Area
Velocity (m/s)
< 0.2
0.2 - 0.5
0.5 - 1
1.0 - 2.0
> 2.0

0 150 300 450 600 m

J:\Jobs\113048\113048 KCP Revision\ARC\Maps\AppendixC\FigureC20B PMF PeakFloodVelocites.mxd

Appendix D

FIGURE D1
PEAK LEVEL IMPACT
OPTION K
1% AEP EVENT

Ascot St
Boronia St
Duke St
Cowper St
Prince St
Frances St
Cook St
Church St
Toorman Ave
Addison St
Kensington Rd
Mapping Extent
Alison Rd
Bradley St
Silver St
Belmore Rd
Botany St
Waratah Ave
Roma Ave
Koorinda Ave
Anzac Pde
High St
Day Ave
Tunstall Ave
Goodrich Ave
Cottenham Ave
Mooramie Ave
Shaw Ave
Eastern Ave
Aboud Ave
Doncaster Ave
Houston Rd
Barker St
Strachan St
Middle St
Borrodale Rd
Gardeners Rd

N

Blocked Pipe
Levee
Exisitng Pits
Exisitng Pipes

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 200 400 600 800
m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixD\FigureD01_PeakLevelImpacts_OptionK_1%AEP.mxd

FIGURE D2
PEAK LEVEL IMPACT
OPTION N
1% AEP EVENT

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixD\FigureD02_PeakLevelImpacts_OptionN_1%AEP.mxd

WINBURN AV
COTTENHAM AV
MOORAMIE AV
Mooramie Ave
DONCASTER AV
HOUSTON RD
ANZAC PDE
Anzac Pde
BARKER ST
Barker St
HARBOURNE L
HARBOURNE RD
BARKER L
STRACHAN ST
Strachan St
MIDDLE ST
Middle St
STRACHAN L
SEE ST
SEE L
Borrodale Rd
Houston Rd
HOUSTON L
BRUCE ST
BRUCE L
GARDENERS L
DORAN ST
EDWARD AV
COURT AV
Doncaster Ave
DAY L
EASTERN AV
Eastern Ave
SHAW AV
Shaw Ave
TUNSTALL AV
Tunstall Ave
TRESIDDER AV
MAITLAND AV
ABOUD AV
Aboud Ave
LEONARD AV
BORRODALE RD
Cottenham Ave
WURLEY AV
MINYA AV
GARDENERS RD
Gardeners Rd
Mapping Extent

N

Exisitng Pits
Exisitng Pipes
Overland Flow Path
Detention Basin
Study Area

Impacts (m)

No Longer Flooded
< -0.75
-0.75 - -0.5
-0.5 - -0.25
-0.25 - -0.1
-0.1 - -0.05
-0.05 - -0.1
No Impact
0.01 - 0.05
0.05 - 0.1
0.1 - 0.25
0.25 - 0.5
0.5 - 0.75
> 0.75
Newly Flooded

0 75 150 225 300 m

FIGURE D3
PEAK LEVEL IMPACT
OPTION D
1% AEP EVENT

GRAND DR
MUSGRAVE AV
Mapping Extent
Darley Rd
DARLEY RD
Clovelly Rd
CLOVELLY RD
DARLEY L
CLOVE L
WENTWORTH L
HUDDART L
DANGAR ST
DANGAR L
CHALLIS L
EARL ST
GOVETT ST
Govett St
Dangar St
EVANS ST
WHITE ST
MORT L
Wentworth St
WENTWORTH ST
EARL L
CHALLIS ST
Earl St
CASTLE ST

N

- Upgraded Pits
- Upgraded Pipes
- Study Area

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 25 50 75 100 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixD\FigureD03_PeakLevelImpacts_OptionD_1%AEP.mxd

FIGURE D4
PEAK LEVEL IMPACT
OPTION E
1% AEP EVENT

Mapping Extent
DARLEY RD
YORK RD
Darley Rd
Wentworth St
Clovelly Rd
Earl St
CLOVELLY RD
AVOCA ST
Centennial Ave
Avoca St

N

- Upgraded Pits
- Upgraded Pipes
- Study Area
- Exisitng Pits
- Exisitng Pipes

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 50 100 150 200 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixD\FigureD04_PeakLevelImpacts_OptionE_1%AEP.mxd

FIGURE D5
PEAK LEVEL IMPACT
OPTION F
1% AEP EVENT

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixD\FigureD05_PeakLevelImpacts_OptionF_1%AEP.mxd

MUSGRAVE AV
YORK RD
Mapping Extent
DARLEY L
CLOVE L
EARL ST
Earl St
AVOCA ST
Darley Rd
DARLEY RD
ASHBY L
FIG L
Pine St
CLOVELLY RD
ORANGE L
Avoca St
Clovelly Rd
CHALLIS L
CHALLIS L
CENTENNIAL AV
Centennial Ave
CARTER ST
CASTLE L
CARTER L
Market St
MARKET ST
FIG TREE AV

N

- Upgraded Pits
- Upgraded Pipes
- Study Area
- Exisitng Pits
- Exisitng Pipes

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 50 100 150 200 m

FIGURE D6
PEAK LEVEL IMPACT
OPTION G
1% AEP EVENT

YORK RD
Avoca St
AVOCA ST
DARLEY RD
Darley Rd
Centennial Ave
Market St
Pine St

2 2 2 2 2 2 2 2 2 1 1 1

N

- Upgraded Pits
- Upgraded Pipes
- Exisitng Pits
- Exisitng Pipes
- Study Area

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 25 50 75 100 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixD\FigureD06_PeakLevelImpacts_OptionG_1%AEP.mxd

FIGURE D7
PEAK LEVEL IMPACT
OPTION H
1% AEP LEVEL

Tunstall Ave
Aboud Ave
Gardeners Rd
Shaw Ave
Goodrich Ave
Cottenham Ave
Borrodale Rd
Doncaster Ave
Mooramie Ave
Eastern A

Upgraded Pits
Upgraded Pipes
Exisitng Pits
Exisitng Pipes
Study Area

Impacts (m)
- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 75 150 225 300 m

J:\Jobs\113048\113048_KCP_RevisionARCMaps\AppendixDIFigureD07_PeakLevelImpacts_OptionH_1%AEP.mxd

FIGURE D8
PEAK LEVEL IMPACT
OPTION I
1% AEP EVENT

Mapping Extent
Tunstall Ave
Aboud Ave
Eastern Ave
Cottenham Ave
Doncaster Ave
Houston Rd
Borrodale Rd
Gardeners Rd
GARDENERS RD
Mapping Extent
GARDENERS RD

N

Upgraded Pipes
Exisitng Pits
Exisitng Pipes
Study Area

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 75 150 225 300 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixD\FigureD08_PeakLevelImpacts_OptionI_1%AEP.mxd

FIGURE D9
PEAK LEVEL IMPACT
OPTION J
1% AEP EVENT

Mapping Extent
Shaw Ave
Tunstall Ave
Aboud Ave
Eastern Ave
Cottenham Ave
Doncaster Ave
Strachan St
AC PDE
Middle St
ANZAC PDE
Anzac Rde
Borrodale Rd
Houston Rd
Gardeners Rd
Mapping Extent
GARDENERS RD

N

Upgraded Pipes
Exisitng Pits
Exisitng Pipes
Study Area

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 100 200 300 400 m

J:\Jobs\113048\113048_KCP_RevisionARCMaps\AppendixD\Figure09_PeakLevelImpacts_OptionJ_1%AEP.mxd

FIGURE D10
PEAK LEVEL IMPACT
OPTION L
1% AEP EVENT

Goodrich Ave
Mooramie Ave
ANZAC PDE
BARKER ST
Barker St
Anzac Pde
Mapping Extent
Shaw Ave
Doncaster Ave
Strachan St
Middle St
Eastern Ave
Tunstall Ave
Aboud Ave
Cottenham Ave
Borrodale Rd
Houston Rd
Gardeners Rd
GARDENERS RD
Mapping Extent

N

- Upgraded Pits
- Upgraded Pipes
- Exisitng Pits
- Exisitng Pipes
- Study Area

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 75 150 225 300 m

J:\Jobs\113048\113048_KCP_RevisionIARC\Maps\AppendixD\FigureD10_PeakLevelImpacts_OptionL_1%AEP.mxd

FIGURE D11
PEAK LEVEL IMPACT
OPTION Q
1% AEP EVENT

Roma Ave
Cottenham Ave
Mooramie Ave
Doncaster Ave
HIGH ST
High St
Anzac Pde
ANZAC PDE
Koorinda Ave
Eastern Ave
2

N

- Upgraded Pipes
- Exisitng Pits
- Exisitng Pipes
- Study Area

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 25 50 75 100 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixD\FigureD11_PeakLevelImpacts_OptionQ_1%AEP.mxd

FIGURE D12
PEAK LEVEL IMPACT
OPTION R
1% AEP EVENT

Kensington Rd
Mapping Extent
Roma Ave
Cottenham Ave
HIGH ST
High St
Koorinda Ave
Anzac Pde
Day Ave
Tunstall Ave
Mapping Extent
Goodrich Ave
Shaw Ave
Eastern Ave
Mooramie Ave
Doncaster Ave
ANZAC PDE
Houston Rd
Barker St

N

Exisitng Pits
Exisitng Pipes
Study Area

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 100 200 300 400 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixD\FigureD12_PeakLevelImpacts_OptionR_1%AEP.mxd

FIGURE D13
PEAK LEVEL IMPACT
OPTION M
1% AEP EVENT

Koorinda Ave
Doncaster Ave
Strachan St
Mooramie Ave
ANZAC PDE
Anzac Pde
Barker St
BARKER ST
Houston Rd
Middle St
Mapping Extent
Shaw Ave
Eastern Ave
Tunstall Ave
Aboud Ave
Cottenham Ave
Borrodale Rd
GARDENERS RD
Gardeners Rd
N

Exisitng Pits
Exisitng Pipes
Study Area

Impacts (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 100 200 300 400 m

J:\Jobs\113048\113048_KCP_Revision\ARC\Maps\AppendixD\FigureD13_PeakLevelImpacts_OptionM_1%AEP.mxd

FIGURE D14
PEAK LEVEL IMPACT
OPTION P
1% AEP EVENT

J:\Jobs\113048\113048_KCP_Revision\ARCMaps\AppendixDIFigureD14_PeakLevelImpacts_OptionP_1%AEP.mxd

Koorinda Ave
HIGH ST
High St
Day Ave
Goodrich Ave
Mooramie Ave
ANZAC PDE
Anzac Pde
Barker St
BARKER ST
Mapping Extent
Shaw Ave
Doncaster Ave
Houston Rd
Strachan St
Eastern Ave
Tunstall Ave
Aboud Ave
Cottenham Ave
Borrodale Rd
SOUTHERN CROSS DR
GARDENERS RD
Mapping Extent
Gardeners Rd
RAINBOW S

N

- Exisitng Pits
- Exisitng Pipes
- Lowered Flow Path
- Study Area

Impact (m)

- No Longer Flooded
- < -0.75
- -0.75 - -0.5
- -0.5 - -0.25
- -0.25 - -0.1
- -0.1 - -0.05
- -0.05 - -0.1
- No Impact
- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- > 0.75
- Newly Flooded

0 100 200 300 400 m