Appendix C

Mangaweka Maps

Appendix C Figures List

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3.2.2	MAN02 Wastewater Network Perfomance - Wet Weather Flow

Mangaweka
Status Quo PDD
Mangaweka Reservoir
Greenfield Growth Area
MAN01
MAN02
Mangaweka Reservoir
Reservoir Road
Terrace Road
Cage Road
State Highway 1
Kakariki Street
Kereru Street
Weka Street
Broadway
Te Kapua Road
Mangawharariki Road
Kawhatau Valley Road
Rushline Road
Mangarere Road
Tuna Road
Mangaweka
Status Quo PDD
Minimum Pressure (m)
< 0
>= 0
>= 10
>= 20
>= 25
>= 60
Maximum Headloss per km (m/km)
>= 0
>= 3
>= 5
>= 10
>= 25

Mangaweka
Existing Network Fire Flow
Mangaweka Reservoir
Greenfield Growth Area
MAN01
MAN02
Mangaweka Reservoir
Reservoir Road
Terrace Road
Cage Road
State Highway 1
Kakariki Street
Kereru Street
Weka Street
MAN01
State Highway 1
Te Kapua Road
Broadway
Koraenui Street
MAN02
Mangawharariki Road
Kawhatau Valley Road
Ruahine Road
Mangarere Road
Mangaweka
Existing Network Fire Flow
Mangaweka Main
Available Fire Flow (l/s)
> 0
>= 12.5
>= 20
>= 25

Reservoir Road
Kakariki Street
Kereru Street
Weka Street
Broadway
Mangawharariki Road
Kawakawa Street
Kapiti Terrace
Raumaewa Road
Koraenui Street
Bank Street
State Highway 1
State Highway 1
Mangaweka
MAN_Status Quo_DWF
Nodes
No Spill
< 20m3
20 - 100m3
>100m3
Links
No surcharge
Surcharge due to backwater
Surcharge due to insufficient capacity

Reservoir Road
Kakariki Street
Kereru Street
Weka Street
Broadway
Mangawharariki Road
Kawakawa Street
Kapiti Terrace
Raumaewa Road
Koraenui Street
Bank Street
State Highway 1
State Highway 1
Mangaweka
MAN_Status Quo_WWF
Nodes
No Spill
< 20m3
20 - 100m3
>100m3
Links
No surcharge
Surcharge due to backwater
Surcharge due to insufficient capacity

State Highway 1
Terrace Road
Reservoir Road
State Highway 1
Kakariki Street
MAN01
Kereru Street
Weka Street
Broadway
Mangawharariki Road
Te Kapua Road
Koraenui Street
Raumaewa Road
MAN02
LEGEND
Mangaweka
Mangaweka Pre-Development Flood Depth (m)
0.05-0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.5
0.5 - 1
>1

Mangaweka
MAN01 Growth PDD
Mangaweka Reservoir
Greenfield Growth Area
MAN01
Mangaweka Reservoir
Reservoir Road
Terrace Road
Cage Road
State Highway 1
Kakariki Street
MAN01
Weka Street
Kereru Street
State Highway 1
Te Kapua Road
Broadway
Koraenui Street
Raumaewa Road
Mangawharariki Road
Kawhatau Valley Road
Ruahine Road
Mangarere Road
Mangaweka
MAN01 Growth PDD
Minimum Pressure (m)
< 0
>= 0
>= 10
>= 20
>= 25
>= 60
Maximum Headloss per km (m/km)
>= 0
>= 3
>= 5
>= 10
>= 25

Mangaweka
MAN01 Growth Fire Flow
Mangaweka Reservoir
Greenfield Growth Area
MAN01
Mangaweka Reservoir
Reservoir Road
Terrace Road
Cage Road
State Highway 1
Kakariki Street
MAN01
Weka Street
Kereru Street
State Highway 1
Te Kapua Road
Broadway
Korarenui Street
Raumaewa Road
Mangawharariki Road
Kawhatau Valley Road
Ruahine Road
Mangarere Road
Mangaweka
MAN01 Growth Fire Flow
Mangaweka Main
Available Fire Flow (l/s)
> 0
>= 12.5
>= 20
>= 25

Reservoir Road
Reservoir Road
Kakariki Street
MAN01
Kereru Street
Weka Street
State Highway 1
State Highway 1
Broadway
Mangawharariki Road
Raumaewa Road
Korenui Street
Bank Street
Mangaweka
MAN01_DWF
Nodes
No Spill
< 20m3
20 - 100m3
>100m3
Links
No surcharge
Surcharge due to backwater
Surcharge due to insufficient capacity

Reservoir Road
Reservoir Road
Kakariki Street
MAN01
Kereru Street
Weka Street
State Highway 1
State Highway 1
Broadway
Mangawharariki Road
Raumaewa Road
Koraenui Street
Bank Street
Mangaweka
MAN01_WWF
Nodes
No Spill
< 20m3
20 - 100m3
>100m3
Links
No surcharge
Surcharge due to backwater
Surcharge due to insufficient capacity

Mangaweka
MAN02 Growth PDD
Mangaweka Reservoir
Greenfield Growth Area
MAN02
Mangaweka Reservoir
Reservoir Road
Terrace Road
Cage Road
State Highway 1
Kakariki Street
Kereru Street
Weka Street
Te Kapua Road
Broadway
Koraenui Street
Raumaewa Road
MAN02
Mangawharariki Road
Kawhatau Valley Road
Ruahine Road
Mangarere Road
Mangaweka
MAN02 Growth PDD
Minimum Pressure (m)
< 0
>= 0
>= 10
>= 20
>= 25
>= 60
Maximum Headloss per km (m/km)
>= 0
>= 3
>= 5
>= 10
>= 25

Mangaweka
MAN02 Growth PDD Option 1
Mangaweka Reservoir
Greenfield Growth Area
MAN02
Mangaweka Reservoir
Reservoir Road
Terrace Road
Cage Road
State Highway 1
Kakariki Street
Kererū Street
Weka Street
Te Kapua Road
Broadway
Koraenui Street
Raumaewa Road
MAN02
Mangawharariki Road
Kawhatau Valley Road
Ruahine Road
Mangarere Road
Mangaweka
MAN02 Growth PDD Option 1
Minimum Pressure (m)
< 0
>= 0
>= 10
>= 20
>= 25
>= 60
Maximum Headloss per km (m/km)
>= 0
>= 3
>= 5
>= 10
>= 25

Mangaweka
MAN02 Growth Fire Flow Option 1
Mangaweka Reservoir
Greenfield Growth Area
MAN02
Mangaweka Reservoir
Reservoir Road
Terrace Road
Cage Road
State Highway 1
Kakariki Street
Kererū Street
Weka Street
Broadway
Te Kapua Road
Kawhatau Valley Road
Ruahine Road
Mangawharariki Road
Raumaewa Road
Koraenui Street
MAN02
Mangarere Road
Mangaweka
MAN02 Growth Fire Flow Option 1
Mangaweka Main
Available Fire Flow (l/s)
> 0
>= 12.5
>= 20
>= 25

Mangaweka
MAN02 Growth PDD Option 2
Mangaweka Reservoir
Greenfield Growth Area
MAN02
Mangaweka Reservoir
Reservoir Road
Terrace Road
Cage Road
State Highway 1
Kakariki Street
Kererū Street
Weka Street
Te Kapua Road
Broadway
Koraenui Street
Raumaewa Road
MAN02
Mangawharariki Road
Kawhatau Valley Road
Ruahine Road
Mangarere Road
Mangaweka
MAN02 Growth PDD Option 2
Minimum Pressure (m)
< 0
>= 0
>= 10
>= 20
>= 25
>= 60
Maximum Headloss per km (m/km)
>= 0
>= 3
>= 5
>= 10
>= 25

Mangaweka
MAN02 Growth Fire Flow Option 2
Mangaweka Reservoir
Greenfield Growth Area
MAN02
Mangaweka Reservoir
Reservoir Road
Terrace Road
Cage Road
State Highway 1
Kakariki Street
Kereru Street
Weka Street
State Highway 1
Te Kapua Road
Broadway
Koraenui Street
Raumaewa Road
MAN02
Mangawharariki Road
Kawhatau Valley Road
Ruahine Road
Mangarere Road
Mangaweka
MAN02 Growth Fire Flow Option 2
Mangaweka Main
Available Fire Flow (l/s)
> 0
>= 12.5
>= 20
>= 25

Reservoir Road
State Highway 1
Kakariki Street
State Highway 1
State Highway 1
State Highway 1
Kereru Street
Weka Street
Broadway
Mangawharariki Road
Raumaewa Road
MAN02
Koraenui Street
Bank Street
Mangaweka
MAN02_DWF
Nodes
No Spill
< 20m3
20 - 100m3
>100m3
Links
No surcharge
Surcharge due to backwater
Surcharge due to insufficient capacity

Reservoir Road
State Highway 1
Kakariki Street
State Highway 1
State Highway 1
State Highway 1
Kereru Street
Weka Street
Broadway
Mangawharariki Road
Raumaewa Road
MAN02
Korenui Street
Bank Street
Mangaweka
MAN02_WWF
Nodes
No Spill
< 20m3
20 - 100m3
>100m3
Links
No surcharge
Surcharge due to backwater
Surcharge due to insufficient capacity