GARAFRAXA ST W
GARAFRAXA ST E
BEATTY LN N
HILL ST W
ST GEORGE ST E
ST ANDREW ST E
ST ANDREWS ST W
TOWER ST N
ST DAVID ST N
(HWY 6)
Grand River
TOWER ST S
BRIDGE ST
UNION ST E
UNION ST W
SCOTLAND ST
ANDERSON ST N
ANDERSON ST S
WELLINGTON RD 18
ALBERT ST
PRINCE'S ST
BRAESIDE RD
ST DAVID ST S
HIGHLAND RD
BELSYDE AVE E
McTAVISH ST
MILLBURN BD
GUELPH ST
HIGHWAY 6
JONES BASELINE
WELLINGTON RD 29
115
051
041
015
040
006
003
042
002
059
004
001
106
116
010
039
058
043
011
012
052
009
107
108
109

LEGEND

- MUNICIPAL BOUNDARY
- STUDY AREA
- PARCEL FABRIC
- RAIL ROAD
- WATERCOURSE
- MUNICIPAL DRAIN
- EDGE OF WATER
- WETLAND
- CONTOUR (1m)
- STORM SEWER
- RETENTION POND
- STORMWATER MANAGEMENT AREA
- 21 OUTFALL AND REFERENCE ID# (TOWNSHIP GIS)
- 110 OUTFALL AND REFERENCE ID# (ADDITIONAL IDENTFIED BY WSP)
- 105 NETWORK BOUNDARY AND REFERENCE ID#

MINOR SYSTEM PERFORMANCE

- UNSURCHARGED (FLOW LESS THAN 100% OF PIPE CAPACITY)
- SURCHARGED (FLOW BETWEEN 100% AND 125% OF PIPE CAPACITY)
- HEAVILY SURCHARGED (FLOW EXCEEDS 125% OF PIPE CAPACITY)
- OPEN CHANNEL (MODELLED)

SCALE VALID ONLY FOR 24"x36" VERSION

CENTRE WELLINGTON STORMWATER MASTER PLAN

TOWNSHIP OF CENTRE WELLINGTON

5 YEAR STORM EVENT MINOR SYSTEM PERFORMANCE

EXISTING CONDITION (FERGUS SOUTH)

wsp

Scale 1:5000 (0 50 100 200)

Consultant File No. WW22011069

Figure No. 7C

Path: D:\PROJECT\2022\WW22011069 - Wellington SWM MP\14 CAD\CIV WKS\WR\PROJ\2024-02\Fig7BC MinSysPerf-5Yr-EX(Fergus).dwg
Plotted By: wds_richard.bartolo
Last Saved By: wds_richard.bartolo
Plotted: 2024-03-05
Last Saved: 2024-02-16

WELLINGTON RD 18
VICTORIA ST
WATER ST
NICHOL RD 15
029
028
031 and 033
IRVINE ST
WELLINGTON RD 7
Irvine Creek
057
016
Salem
044
SW-00001
100
SW-00002
GEDDES ST
045 SOPHIA ST
037
038
MIDDLEBROOK RD
DAVID ST W
102
101
DAVID ST E
Elora
KEATING DR
GERRIE RD
021
MELVILLE ST
NORTH QUEEN ST
IRVINE ST
027
COLBORNE ST
WILSON CR
SW-00003
034
023
CHURCH ST E
METCALFE ST
022
026
025
018
EAST MILL ST
Grand River
035
060
WELLINGTON RD 21
WATER ST E
054
055
056
019 and 020
McNAB ST
S RIVER RD
SW-00004
017
036
YORK ST E
SW-00024
105
BRIDGE ST
104
SW-00005
103
SW-00006
SW-00006
SW-00006
FIRST LN

LEGEND

- MUNICIPAL BOUNDARY
- STUDY AREA
- PARCEL FABRIC
- RAIL ROAD
- WATERCOURSE
- MUNICIPAL DRAIN
- EDGE OF WATER
- WETLAND
- CONTOUR (1m)
- STORM SEWER
- RETENTION POND
- SW-00006 STORMWATER MANAGEMENT AREA
- AREA OF DEPRESSION (GREATER THAN 0.3m DEPTH)
- OVERLAND FLOW PATH
- 105 NETWORK BOUNDARY AND REFERENCE ID#

MAJOR SYSTEM PERFORMANCE

- FLOW WITHIN CURB (URBAN SECTION)
- FLOW WITHIN RIGHT OF WAY (URBAN SECTION)
- FLOW WITHIN RIGHT OF WAY (RURAL SECTION)
- FLOW BEYOND RIGHT OF WAY (URBAN SECTION)
- FLOW BEYOND RIGHT OF WAY (RURAL SECTION)
- OPEN CHANNEL (MODELLED)
- STORMWATER MANAGEMENT AREA (MODELLED) NOT OVERTOPPING FOR 100 YEAR STORM
- STORMWATER MANAGEMENT AREA (MODELLED) OVERTOPPING FOR 100 YEAR STORM

SCALE VALID ONLY FOR 24"x36" VERSION

CENTRE WELLINGTON STORMWATER MASTER PLAN

TOWNSHIP OF CENTRE WELLINGTON

100 YEAR STORM EVENT MAJOR SYSTEM PERFORMANCE

EXISTING CONDITION (ELORA / SALEM)

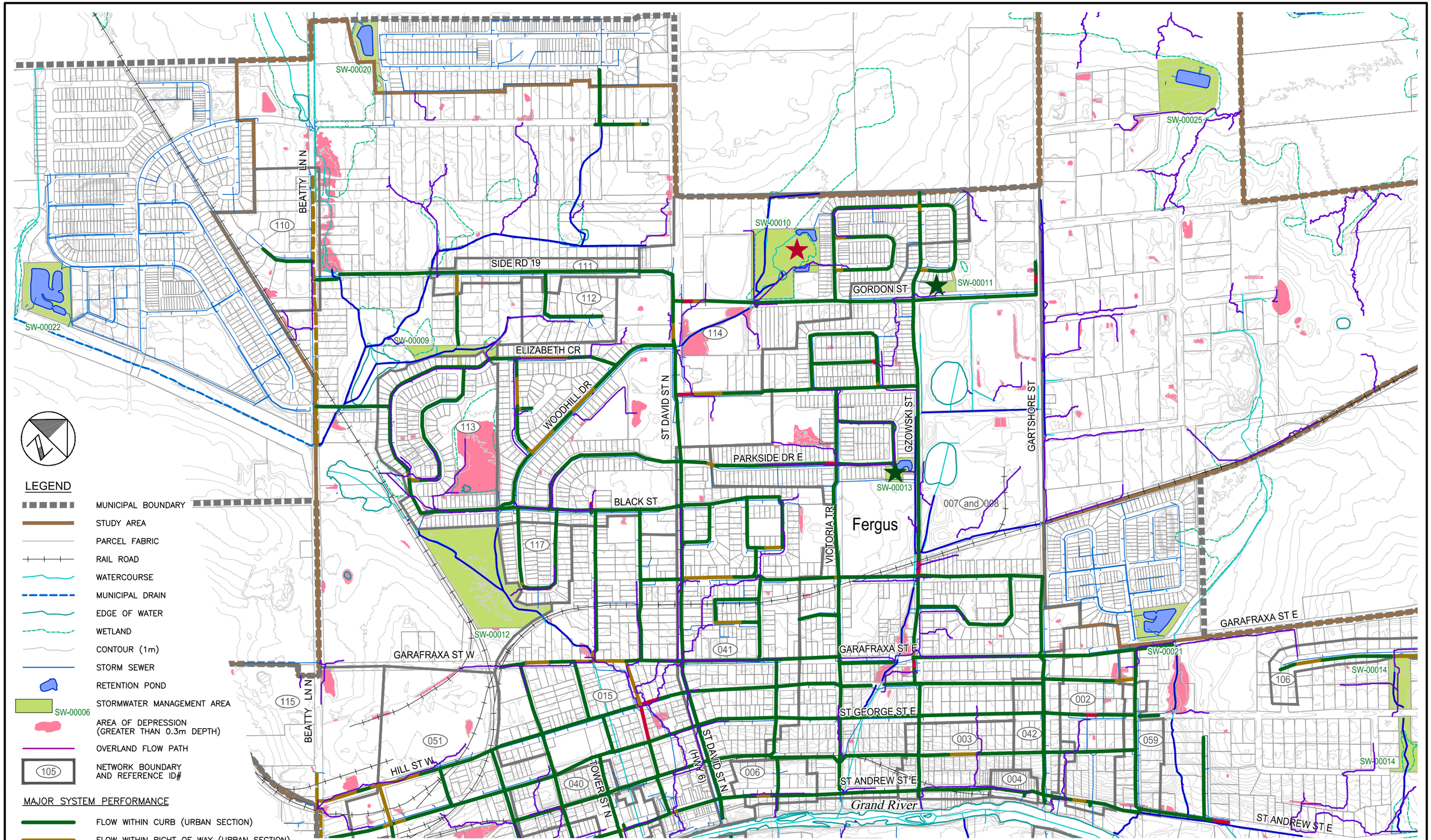
wsp

Scale 1:5000 (0 50 100 200)

Consultant File No. WW22011069

Figure No. 8A

Last Saved: 2024-02-20 Last Saved By: wds_richard.bartolo Plotted: 2024-03-05 Plotted By: wds_richard.bartolo Path: D:\PROJECT\2022\WW22011069 - Wellington SWM MP\14 CAD\CIV\WKS\WR\PROJ\2024-02\Fig8A MajSysPerf-100Yr-EX(Elora).dwg



LEGEND

- MUNICIPAL BOUNDARY
- STUDY AREA
- PARCEL FABRIC
- RAIL ROAD
- WATERCOURSE
- MUNICIPAL DRAIN
- EDGE OF WATER
- WETLAND
- CONTOUR (1m)
- STORM SEWER
- RETENTION POND
- STORMWATER MANAGEMENT AREA (SW-00006)
- AREA OF DEPRESSION (GREATER THAN 0.3m DEPTH)
- OVERLAND FLOW PATH
- NETWORK BOUNDARY AND REFERENCE ID# (105)

MAJOR SYSTEM PERFORMANCE

- FLOW WITHIN CURB (URBAN SECTION)
- FLOW WITHIN RIGHT OF WAY (URBAN SECTION)
- FLOW WITHIN RIGHT OF WAY (RURAL SECTION)
- FLOW BEYOND RIGHT OF WAY (URBAN SECTION)
- FLOW BEYOND RIGHT OF WAY (RURAL SECTION)
- OPEN CHANNEL (MODELLED)

- STORMWATER MANAGEMENT AREA (MODELLED) NOT OVERTOPPING FOR 100 YEAR STORM
- STORMWATER MANAGEMENT AREA (MODELLED) OVERTOPPING FOR 100 YEAR STORM

SCALE VALID ONLY FOR 24"x36" VERSION

CENTRE WELLINGTON STORMWATER MASTER PLAN

TOWNSHIP OF CENTRE WELLINGTON

100 YEAR STORM EVENT MAJOR SYSTEM PERFORMANCE EXISTING CONDITION (FERGUS NORTH)

Scale 1:5000 (0 50 100 200)

Consultant File No. WW22011069

Figure No. 8B

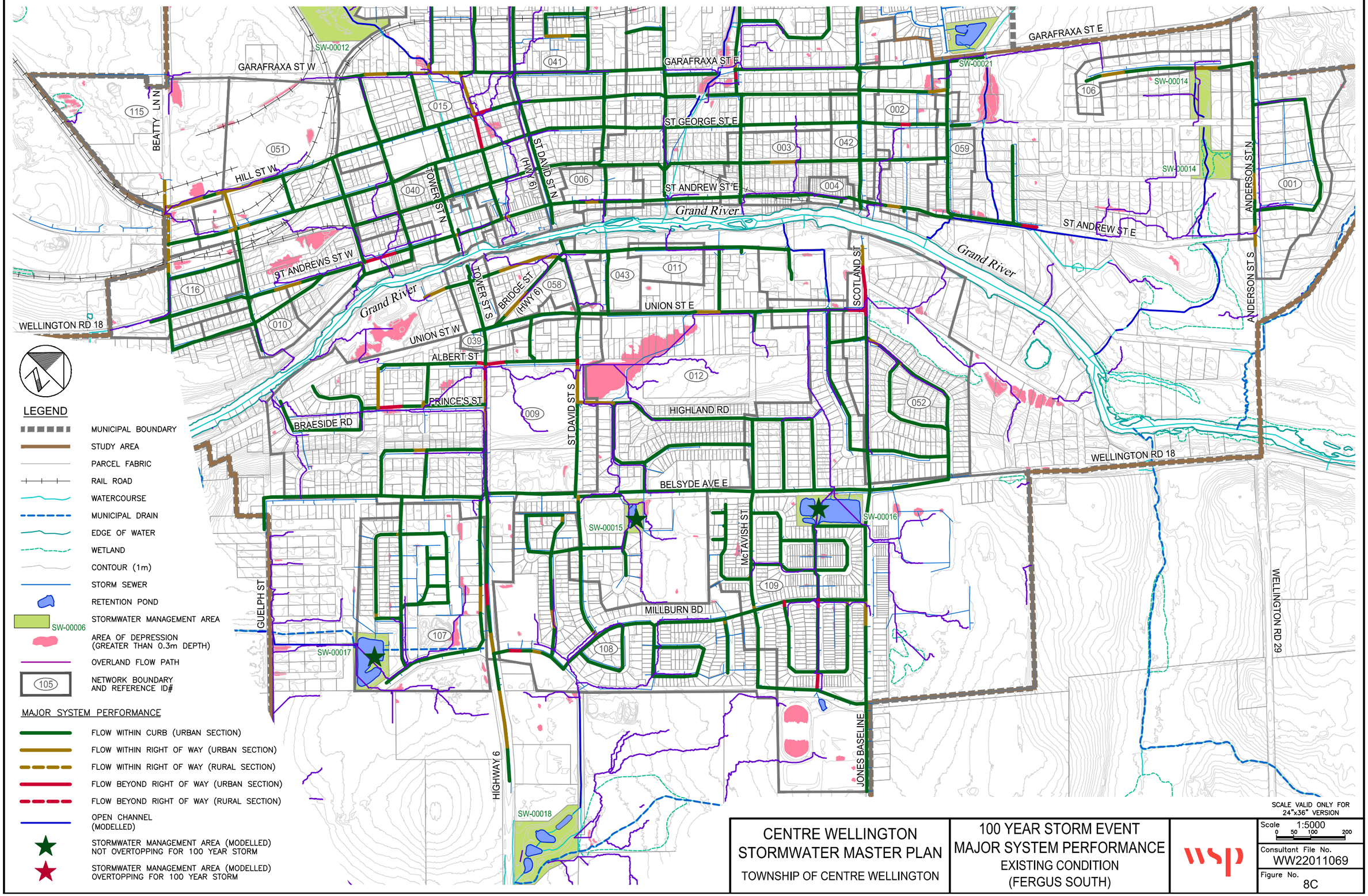
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Plotted By: wds_richard.bartolo

Last Saved By: wds_richard.bartolo

Plotted: 2024-03-05

Last Saved: 2024-02-20



LEGEND

- MUNICIPAL BOUNDARY
- STUDY AREA
- PARCEL FABRIC
- RAIL ROAD
- WATERCOURSE
- MUNICIPAL DRAIN
- EDGE OF WATER
- WETLAND
- CONTOUR (1m)
- STORM SEWER
- RETENTION POND
- SW-00006 STORMWATER MANAGEMENT AREA
- AREA OF DEPRESSION (GREATER THAN 0.3m DEPTH)
- OVERLAND FLOW PATH
- 105 NETWORK BOUNDARY AND REFERENCE ID#

MAJOR SYSTEM PERFORMANCE

- FLOW WITHIN CURB (URBAN SECTION)
- FLOW WITHIN RIGHT OF WAY (URBAN SECTION)
- FLOW WITHIN RIGHT OF WAY (RURAL SECTION)
- FLOW BEYOND RIGHT OF WAY (URBAN SECTION)
- FLOW BEYOND RIGHT OF WAY (RURAL SECTION)
- OPEN CHANNEL (MODELLED)
- STORMWATER MANAGEMENT AREA (MODELLED) NOT OVERTOPPING FOR 100 YEAR STORM
- STORMWATER MANAGEMENT AREA (MODELLED) OVERTOPPING FOR 100 YEAR STORM

SCALE VALID ONLY FOR 24"x36" VERSION

CENTRE WELLINGTON STORMWATER MASTER PLAN

TOWNSHIP OF CENTRE WELLINGTON

100 YEAR STORM EVENT MAJOR SYSTEM PERFORMANCE

EXISTING CONDITION
(FERGUS SOUTH)

wsp

Scale 1:5000
0 50 100 200

Consultant File No.
WW22011069

Figure No.
8C

Plotted: 2024-03-05
Last Saved: 2024-02-20
Plotted By: wds_richard.bartolo
Last Saved By: wds_richard.bartolo
Path: D:\PROJECT\2022\WW22011069 - Wellington SWM MP\14 CAD\CIV WKS\WR\PROJ\2024-02\FigBBC MajSysPerf-100Yr-EX(Fergus).dwg