



Dunedin 3 Waters Strategy

Kitchener Street Integrated Catchment Management Plan

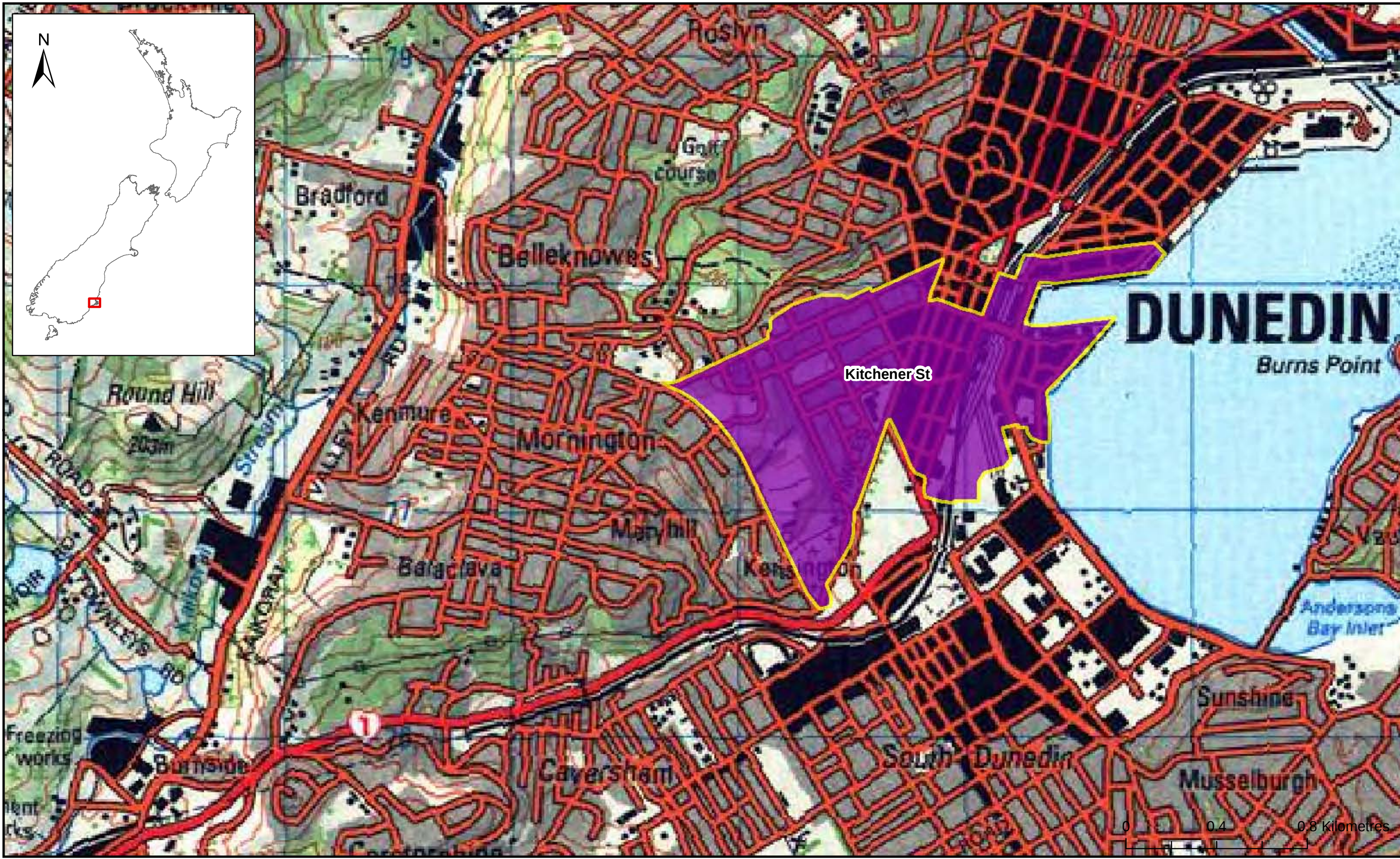
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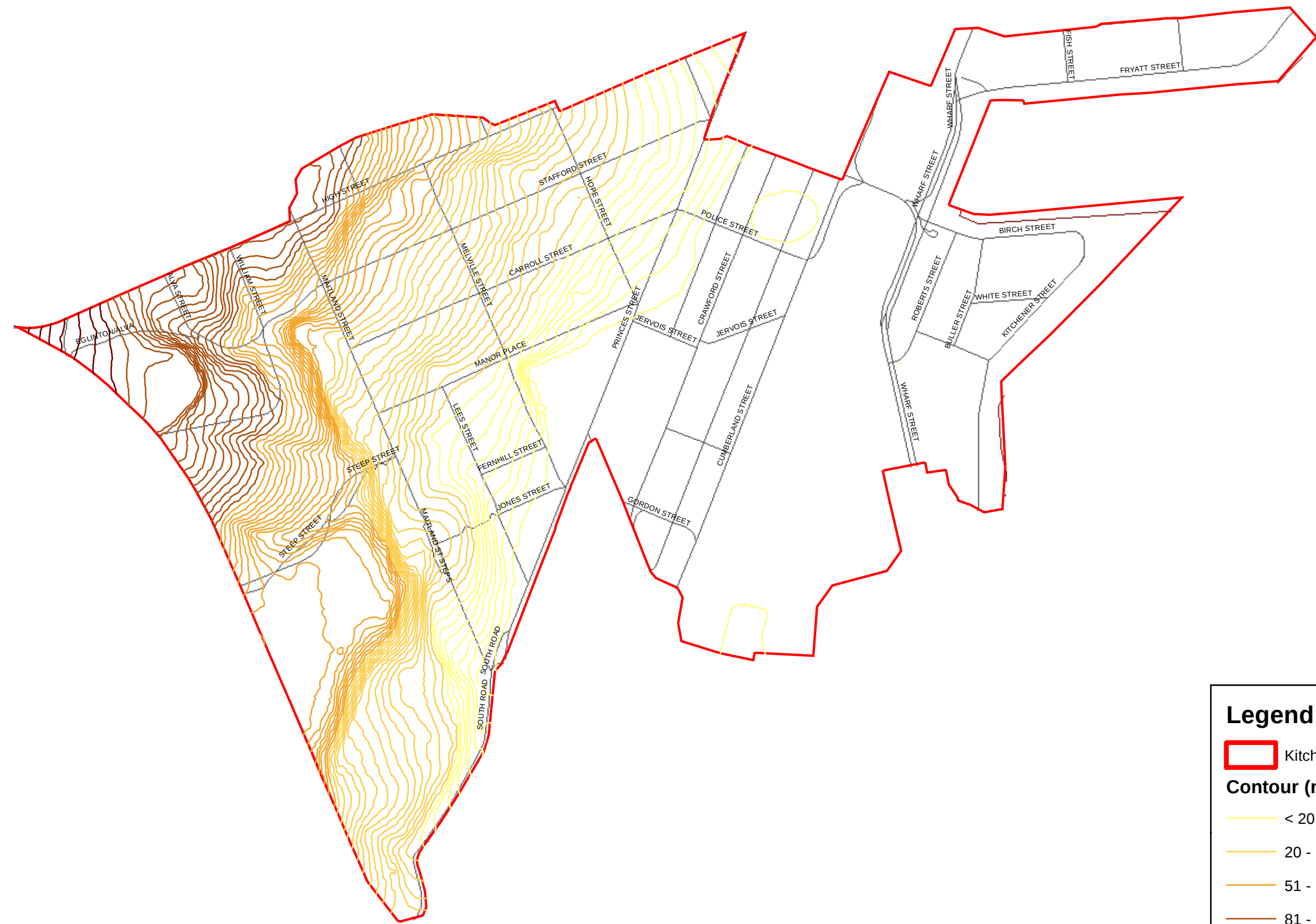
Dunedin 3 Waters Strategy

KITCHENER STREET INTEGRATED CATCHMENT MANAGEMENT PLAN

Figure 4-1

Kitchener Street Catchment Location

DISCIPLINE Stormwater	Drawn: KC	Status: Final	
	Checked: HES	Scale: 1:15,000	Plot Date: Sep 2011
	Approved: SDH	Job. No: 42173227	Map No: Figure 4-1
	Date: Sep 2011		Revision: -



Legend

 Kitchener Street Catchment Boundary

Contour (m)

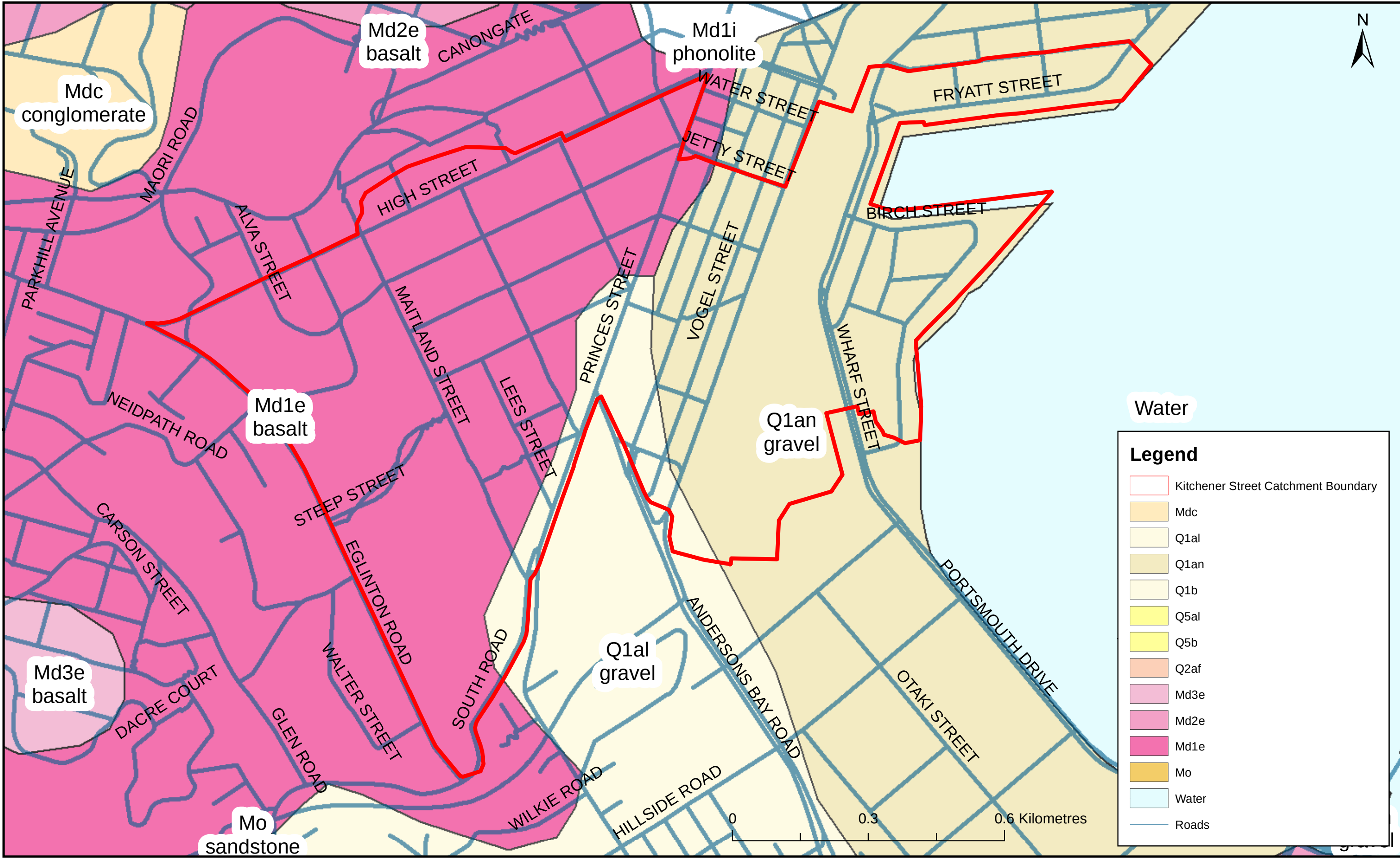
 < 20

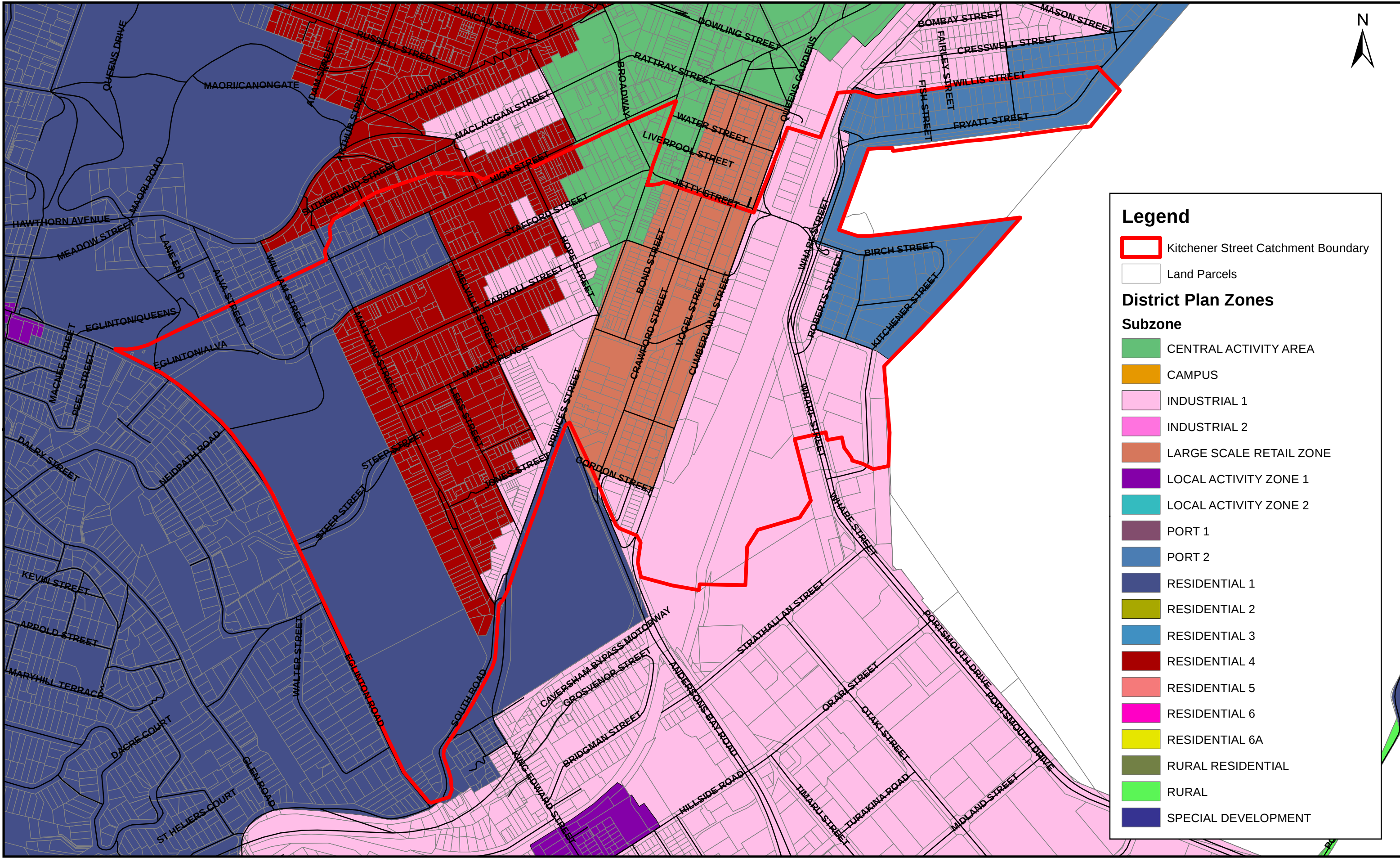
 20 - 50

 51 - 80

 81 - 110

 > 110





Legend

Kitchener Street Catchment Boundary

Land Parcels

District Plan Zones

Subzone

CENTRAL ACTIVITY AREA

CAMPUS

INDUSTRIAL 1

INDUSTRIAL 2

LARGE SCALE RETAIL ZONE

LOCAL ACTIVITY ZONE 1

LOCAL ACTIVITY ZONE 2

PORT 1

PORT 2

RESIDENTIAL 1

RESIDENTIAL 2

RESIDENTIAL 3

RESIDENTIAL 4

RESIDENTIAL 5

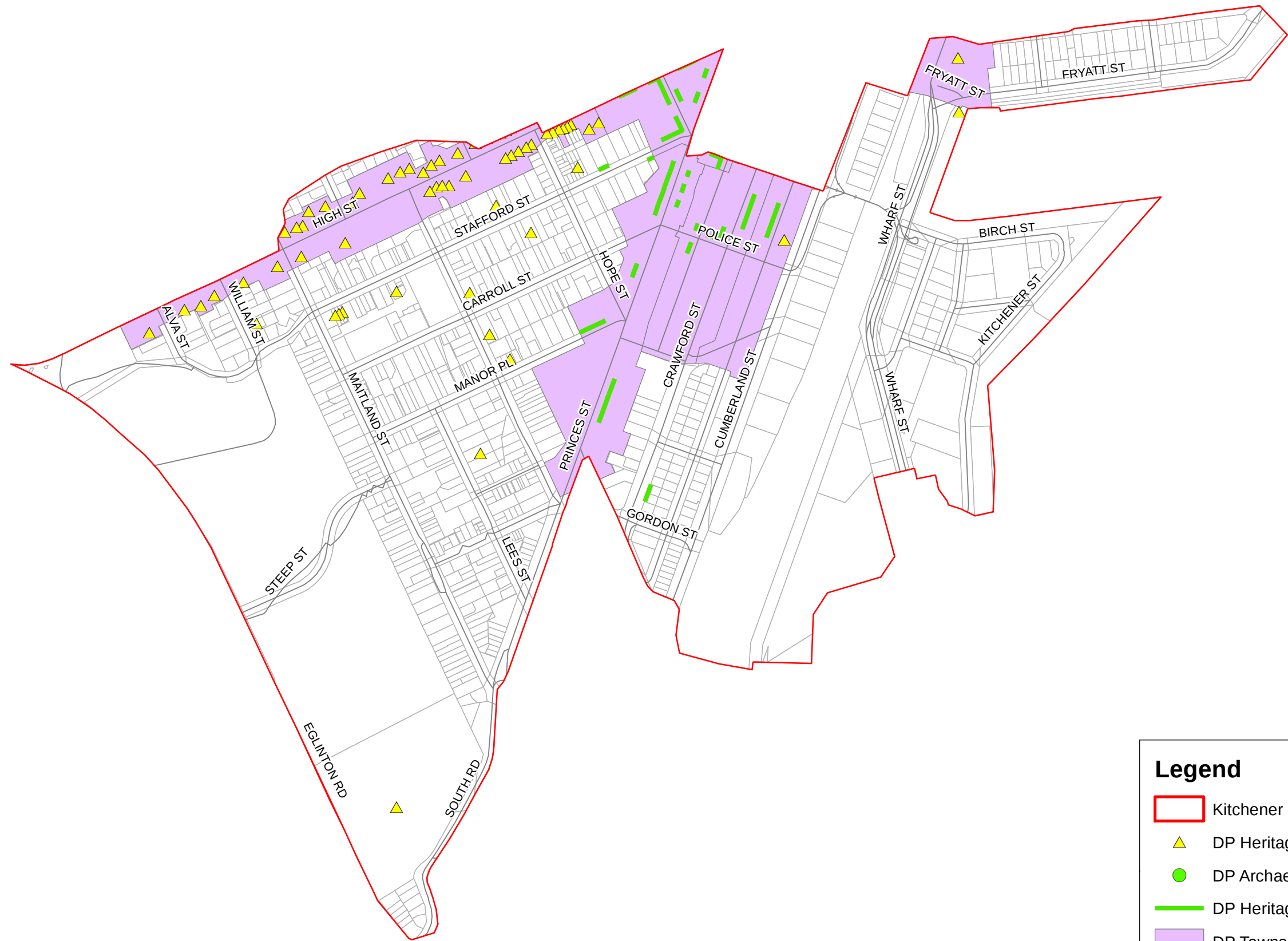
RESIDENTIAL 6

RESIDENTIAL 6A

RURAL RESIDENTIAL

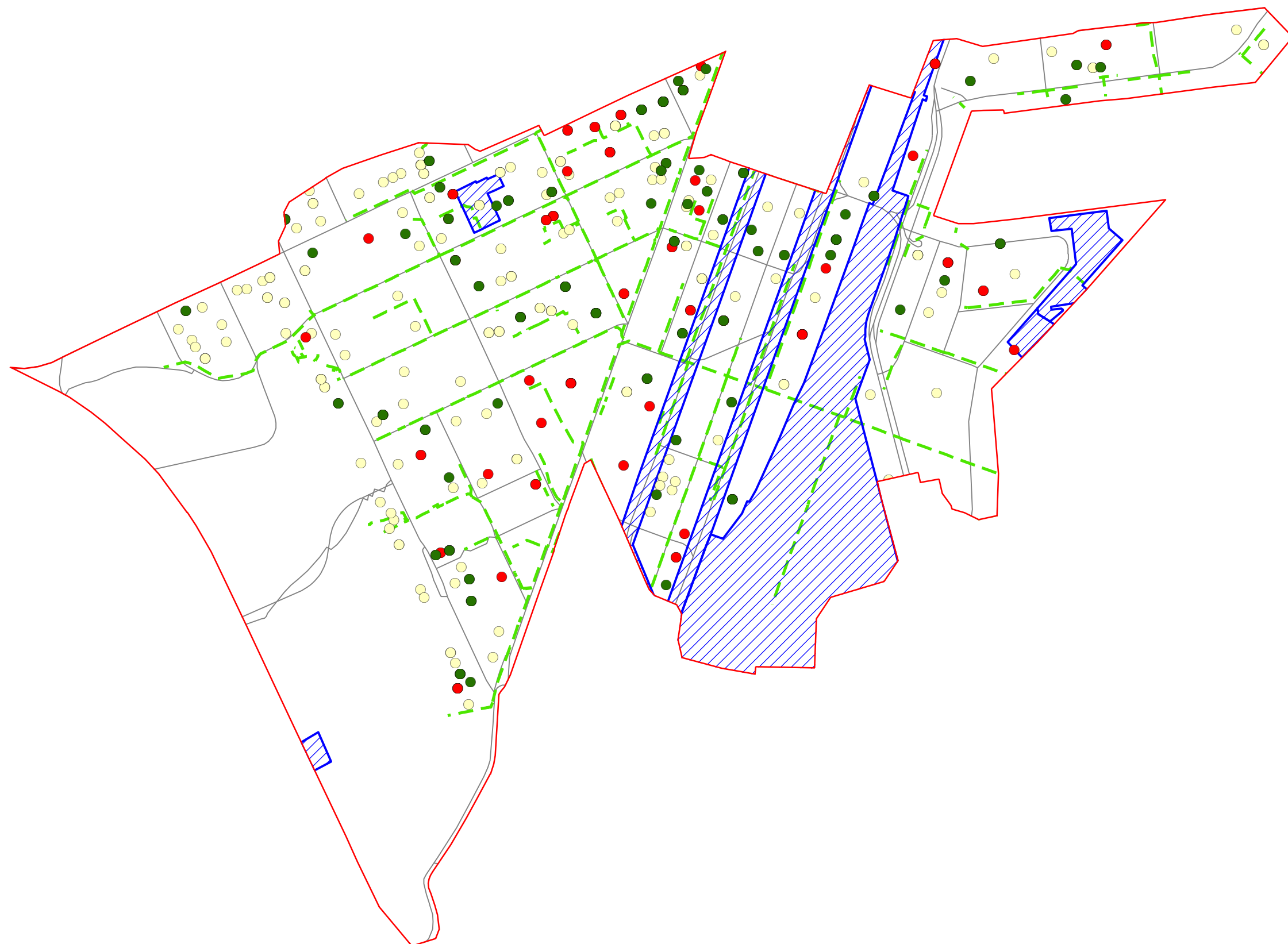
RURAL

SPECIAL DEVELOPMENT



Legend

- Kitchener Street Catchment Boundary
- DP Heritage Structure
- DP Archaeological Sites
- DP Heritage Facade
- DP Townscape and Heritage Precinct
- Land Parcels



0 0.3 0.6 Kilometres

Legend

 Kitchener Catchment Boundary

Consents

 Other Consents

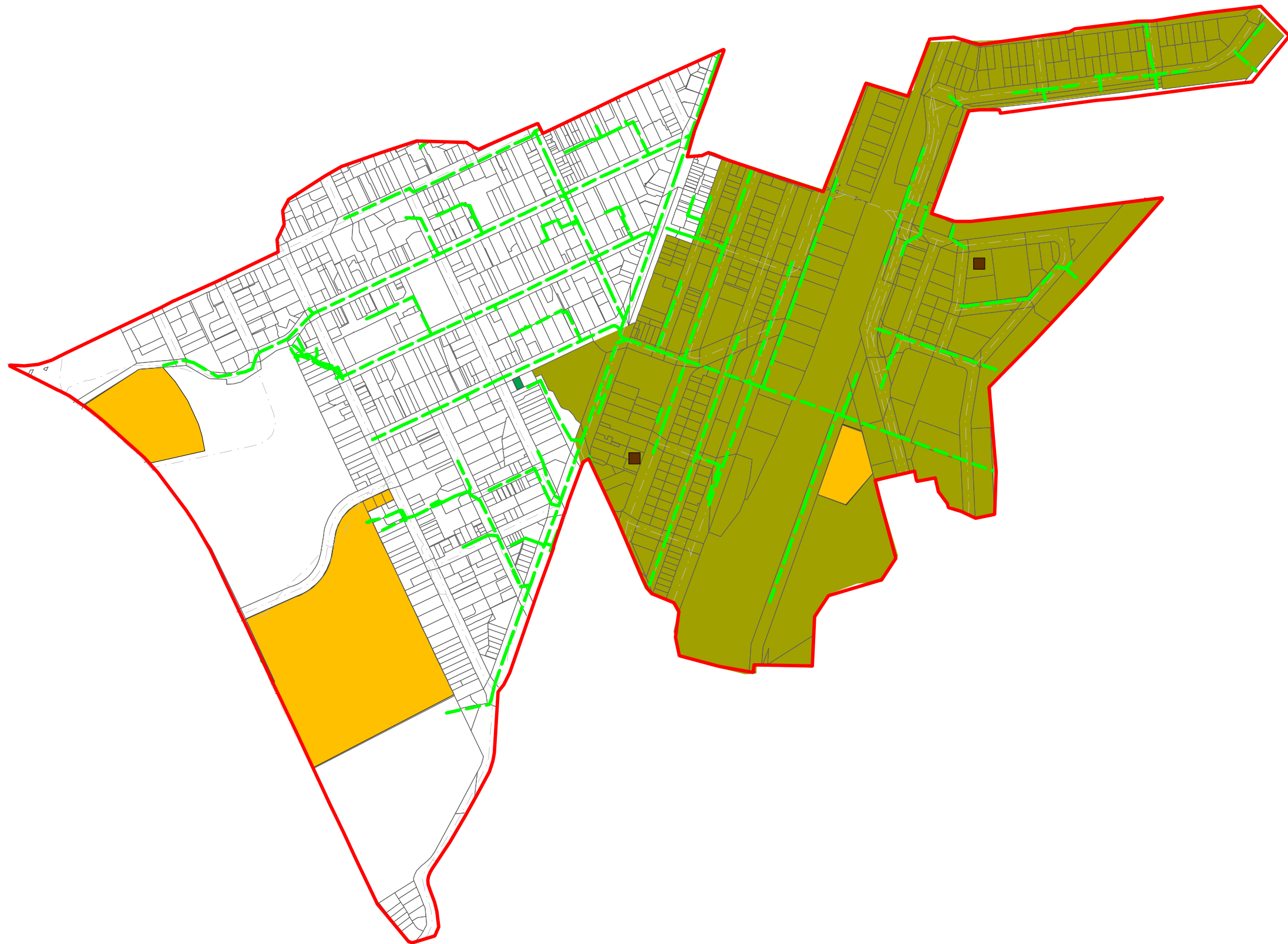
 Land Use Change

 Building Consent

 Stormwater Network

 Main Roads

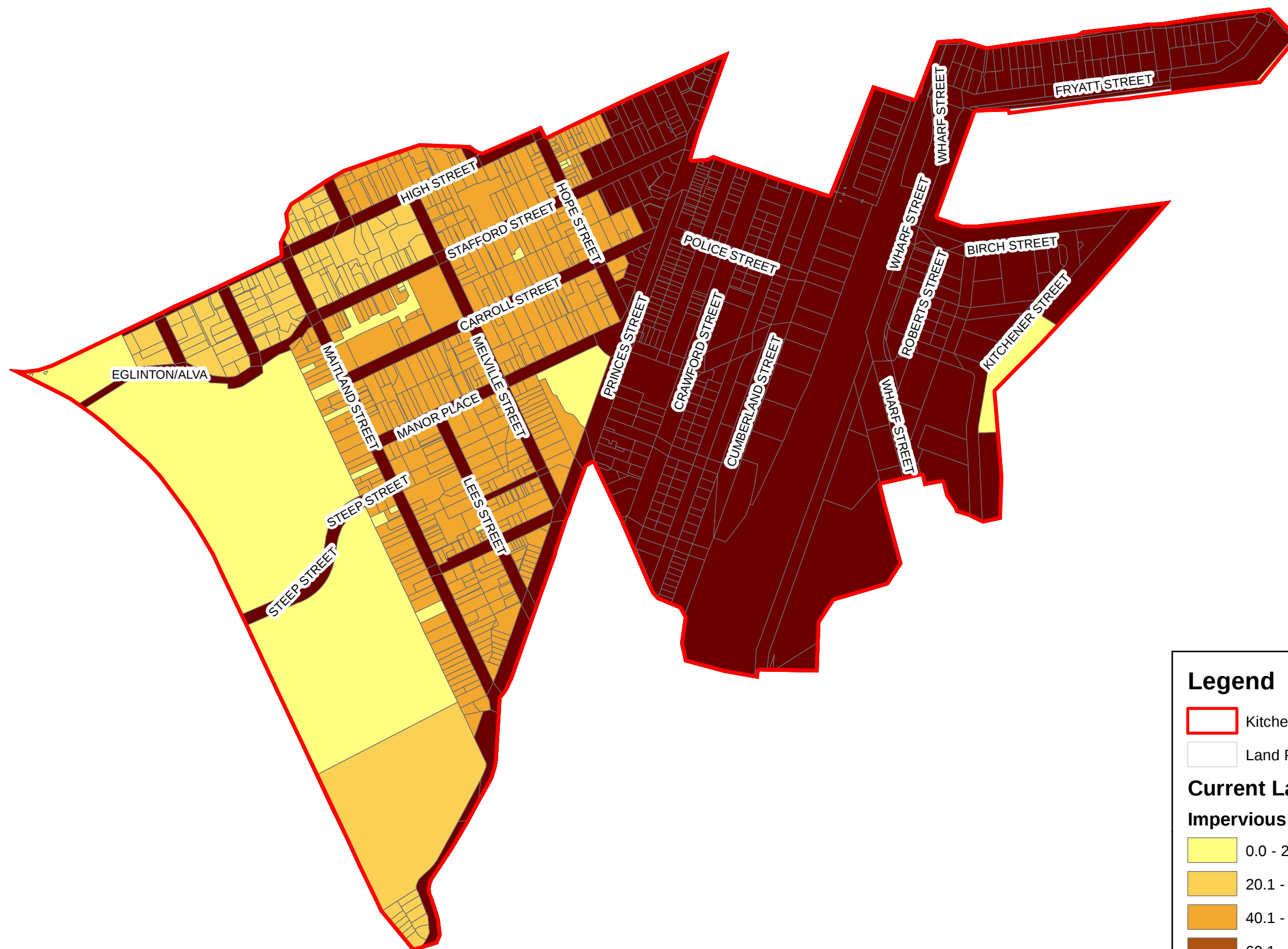
 District Plan Designation



Legend

- Catchment Boundary
- Stormwater Network
- Road
- Parcel Boundaries
- Contaminated Site
- Landfill
- Reclamation
- Reclaimed Land
- ORC Contaminated Sites

DESIGNED BY	MG	STATUS Final		
CHECKED BY	LB	SCALE	NTS	PLANT DATE April 11
APPROVED BY	HS	DESIGN NO.	3-d1040.07	REVISION
DATE	April 11			



Legend

 Kitchener Street Catchment Boundary

 Land Parcels

Current Land Use Imperviousness

Impervious (%)

-  0.0 - 20.0
-  20.1 - 40.0
-  40.1 - 60.0
-  60.1 - 80.0
-  80.1 - 100.0

0 0.3 0.6 Kilometres



Dunedin 3 Waters Strategy

KITCHENER STREET INTEGRATED CATCHMENT MANAGEMENT PLAN

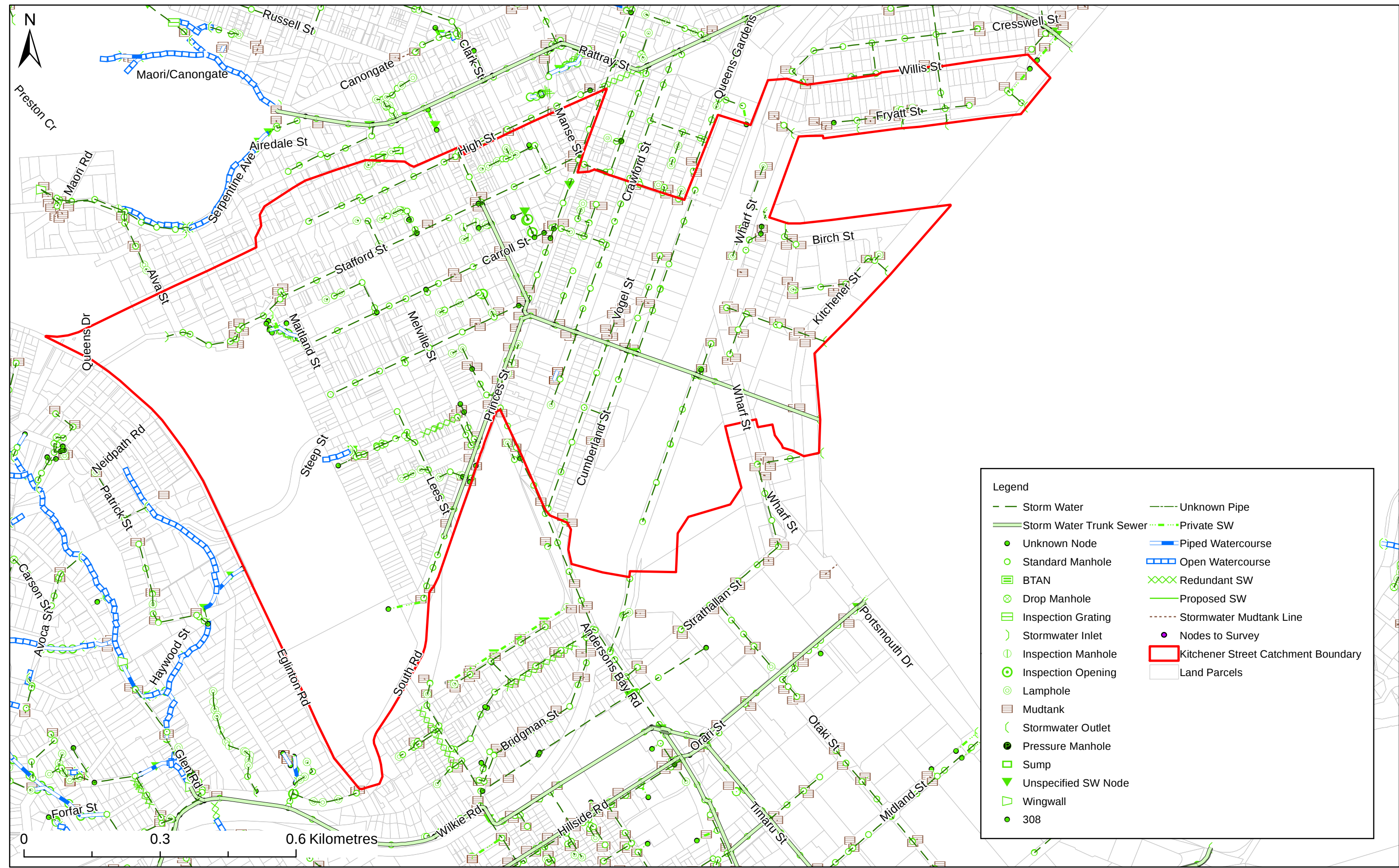
Figure 4-8

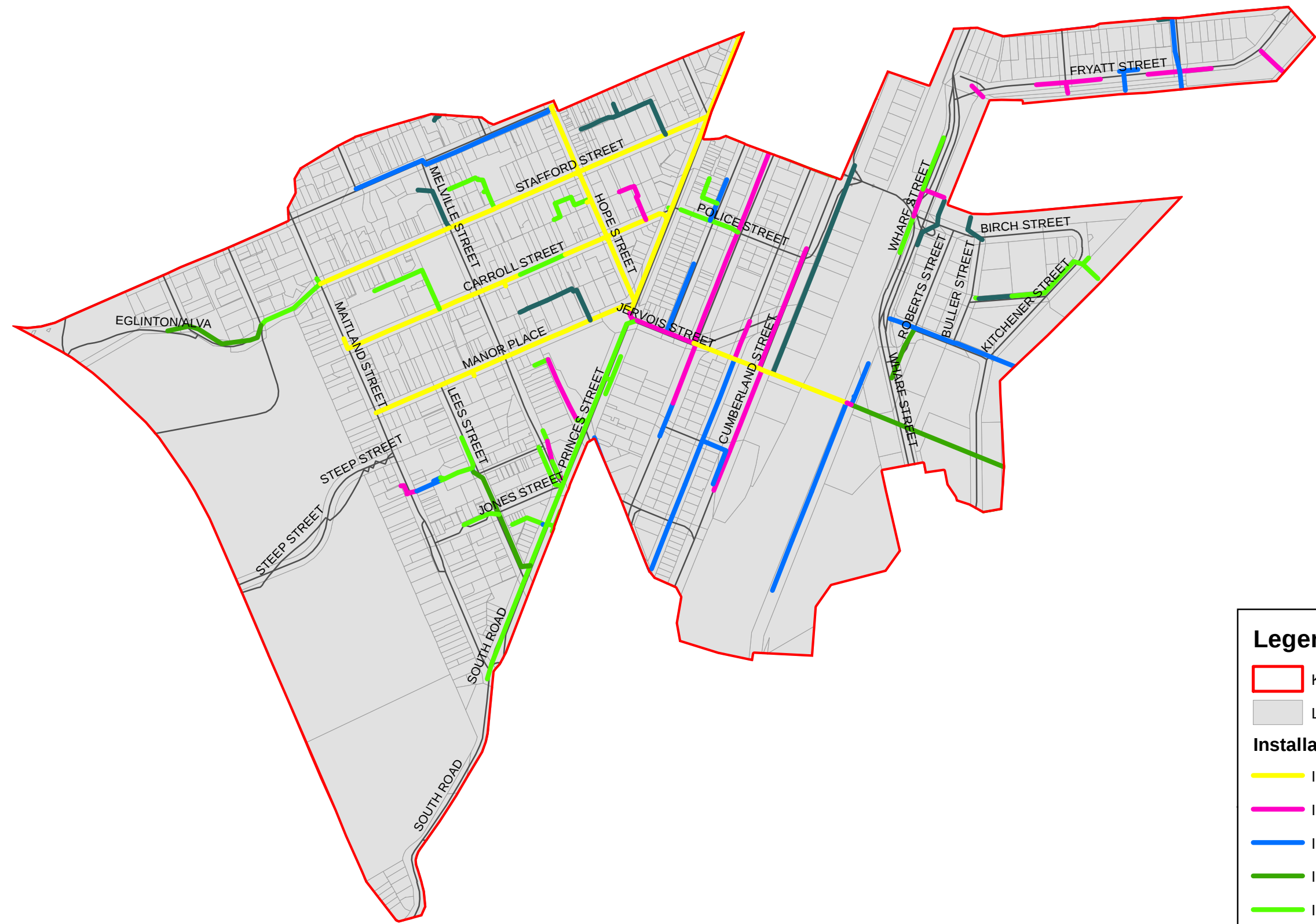
Kitchener Street Catchment Current Imperviousness

DISCIPLINE
Stormwater

Drawn: KC	Status: Final		
Checked: HES	Scale: 1:7,500	Plot Date: Sep 2011	
Approved: SDH	Job. No: 42173227	Map No: Figure 4-8	Revision: -
Date: Sep 2011			

Created with ESRI ArcGIS





Legend

Kitchener Street Catchment Boundary

Land Parcels

Installation Year

Installed Before 1900

Installed 1901 - 1920

Installed 1921 - 1940

Installed 1941 - 1960

Installed 1961 - 1980

Installed 1981 - 2000

Installed 2001 - 2010

Drawn:	KC	Status:	Final	
Checked:	HES	Scale:	1:7,500	Plot Date: Sep 2011
Approved:	SDH	Job. No:	42173227	Map No:
Date:	Sep 2011	Figure 4-11		Revision:

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Kaupuni o Dunedin

OPUS

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Dunedin 3 Waters Strategy

KITCHENER STREET INTEGRATED CATCHMENT MANAGEMENT PLAN

Figure 4-11

Kitchener Street Catchment Pipe Network Ages

DISCIPLINE

Stormwater



0 0.1 0.2 0.4 Kilometres

Legend

Stormwater Criticality

Total Criticality Score

1

2

3

Social Minor Location

Social Major Location

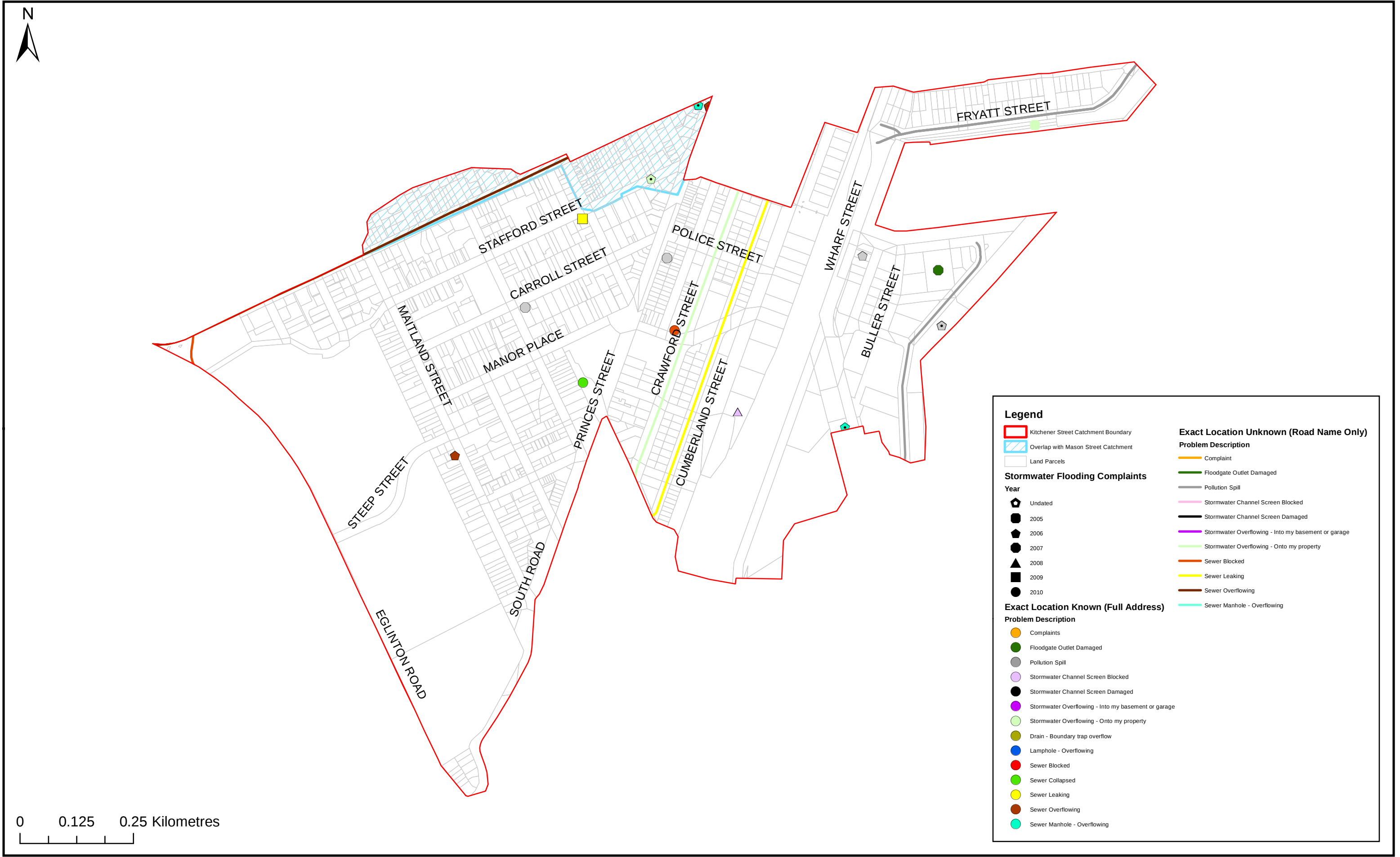
Economic Minor Location

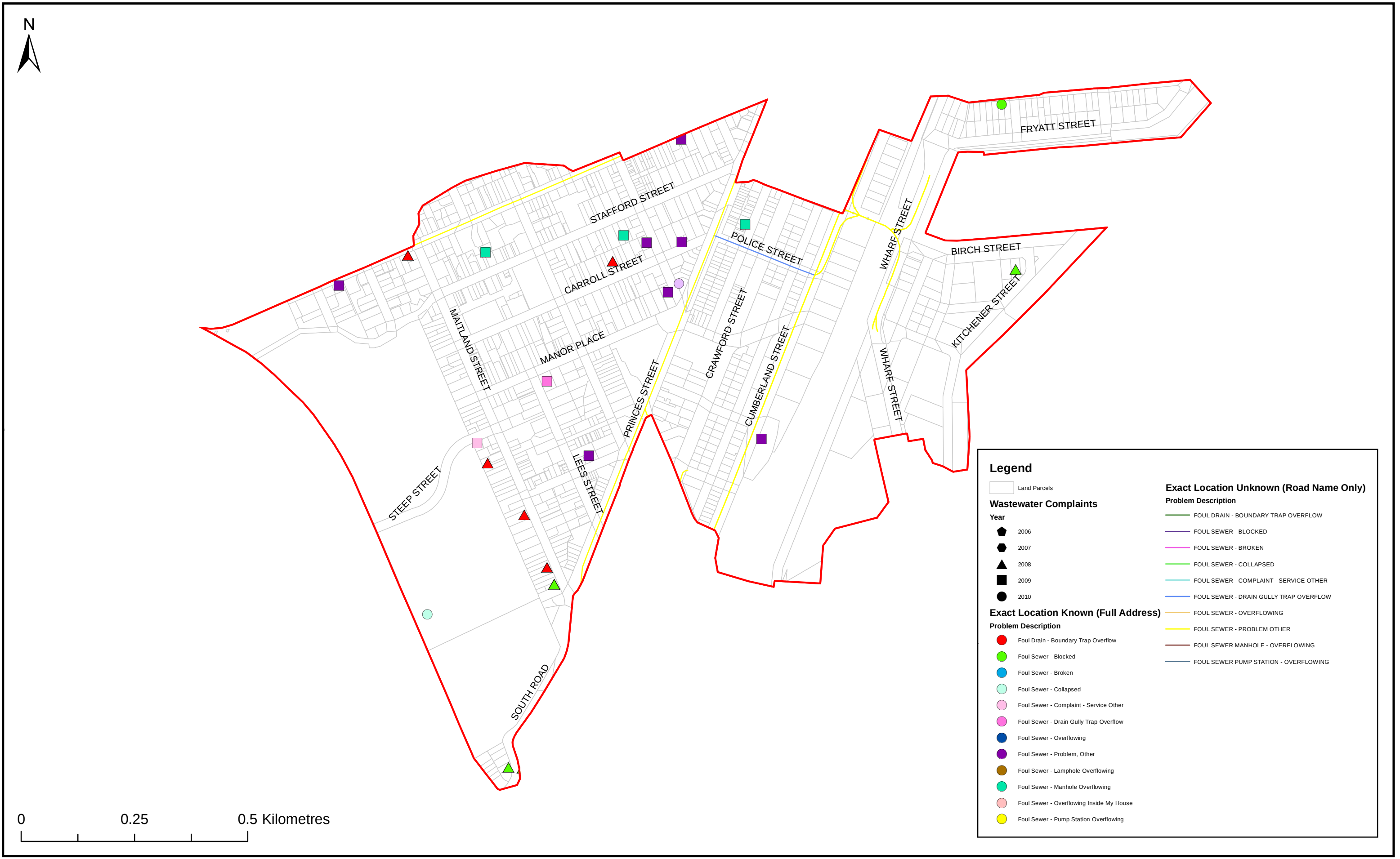
Environmental Major Location

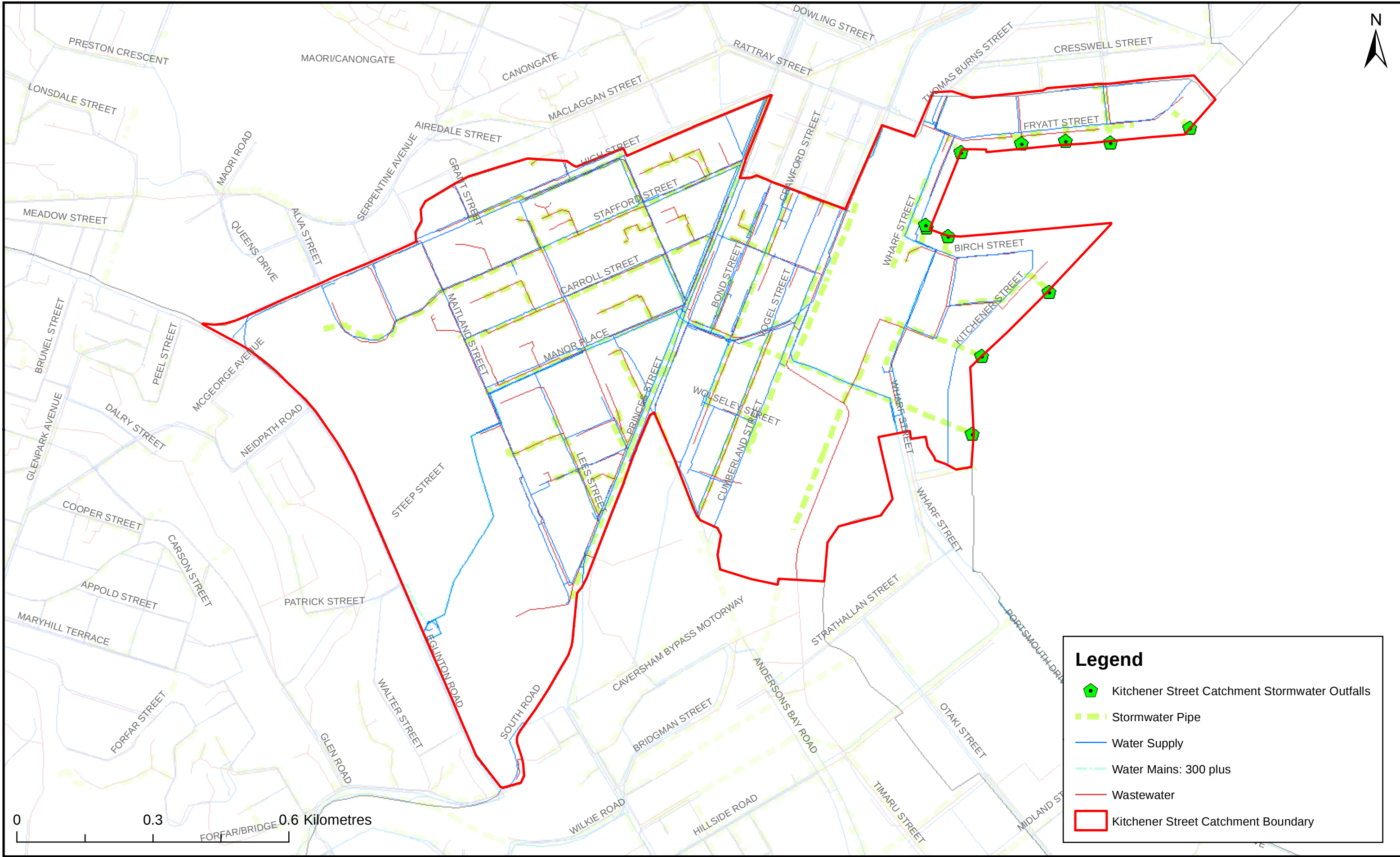
Cultural Location

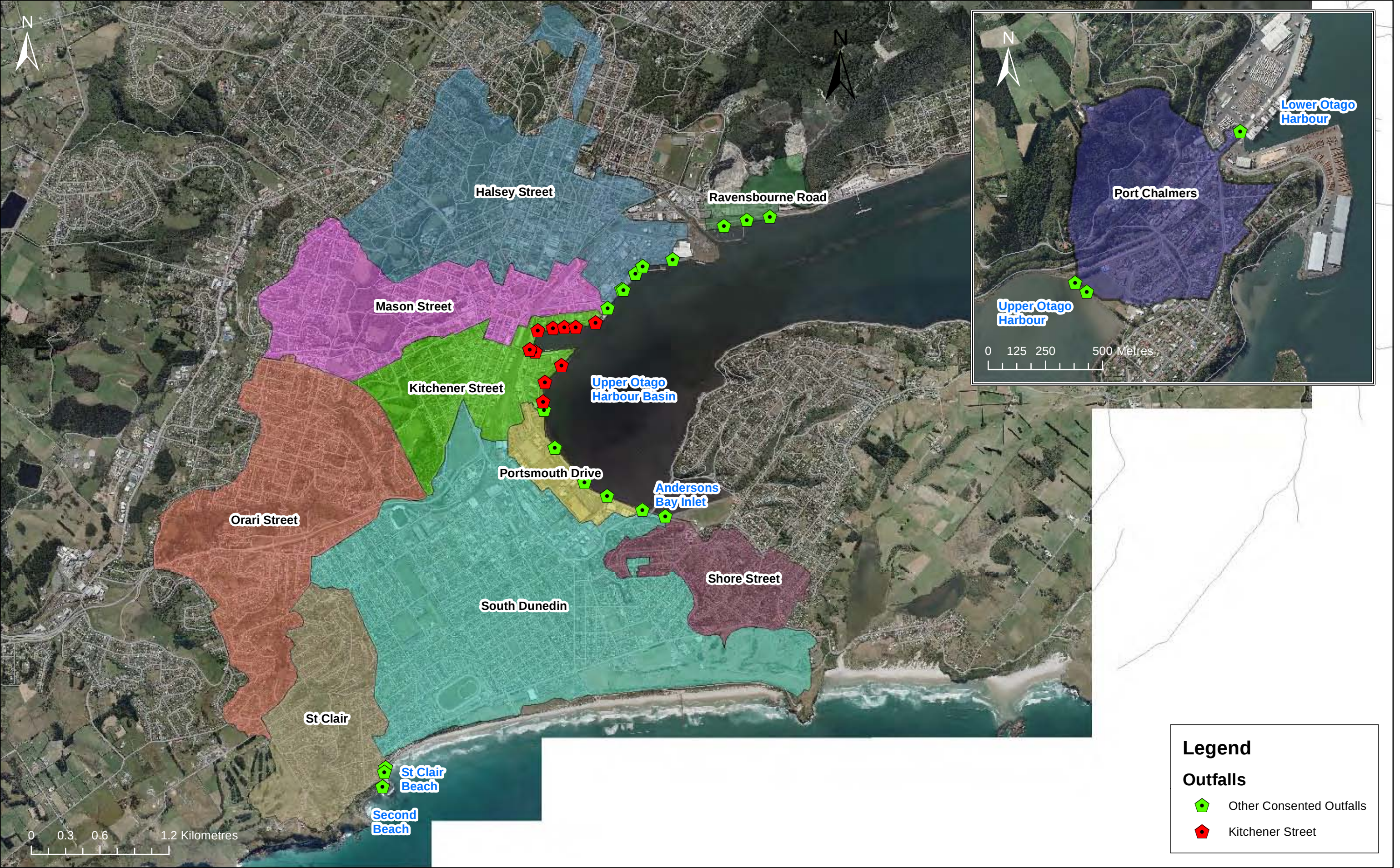
Economic Major Location

Kitchener Street Catchment Boundary









 DUNEDIN CITY COUNCIL Kaitiaki - te ōhira o Ōtago  OPUS  URS URS New Zealand Limited Landscape & Planning 387 Durham Street Christchurch Phone: 03 374 8006 Fax: 03 377 9605 Dunedin 3 Waters Strategy	KITCHENER STREET INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 5-2 Kitchener Street Catchment Marine Receiving Environment	DISCIPLINE Stormwater	Drawn: MM	Status: Final		
			Checked: HES	Scale: 1:30,000	Plot Date: Sep 2011	
			Approved: HES	Job. No: 42173227	Map No: Figure 5-2	Revision: -
			Date: Sep 2011			



Legend

- Kitchener Street Catchment Outfall
- Modelled Pipe
- Pruned Pipe or Channel (not modelled)
- Kitchener Street Catchment Boundary
- Overlap with Mason Street Catchment

 URS New Zealand Limited Level 10, 100 Market Street, Auckland Phone: 09 574 2000 Fax: 09 574 2005	Dunedin 3 Waters Strategy KITCHENER STREET INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 7-1 Kitchener Street Catchment Model Extent	DISCIPLINE Stormwater	Drawn: MM	Status: Final		
			Checked: HS	Scale: 1:7,500	Plot Date: Sep 2011	
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