



Dunedin 3 Waters Strategy

South Dunedin Integrated Catchment Management Plan

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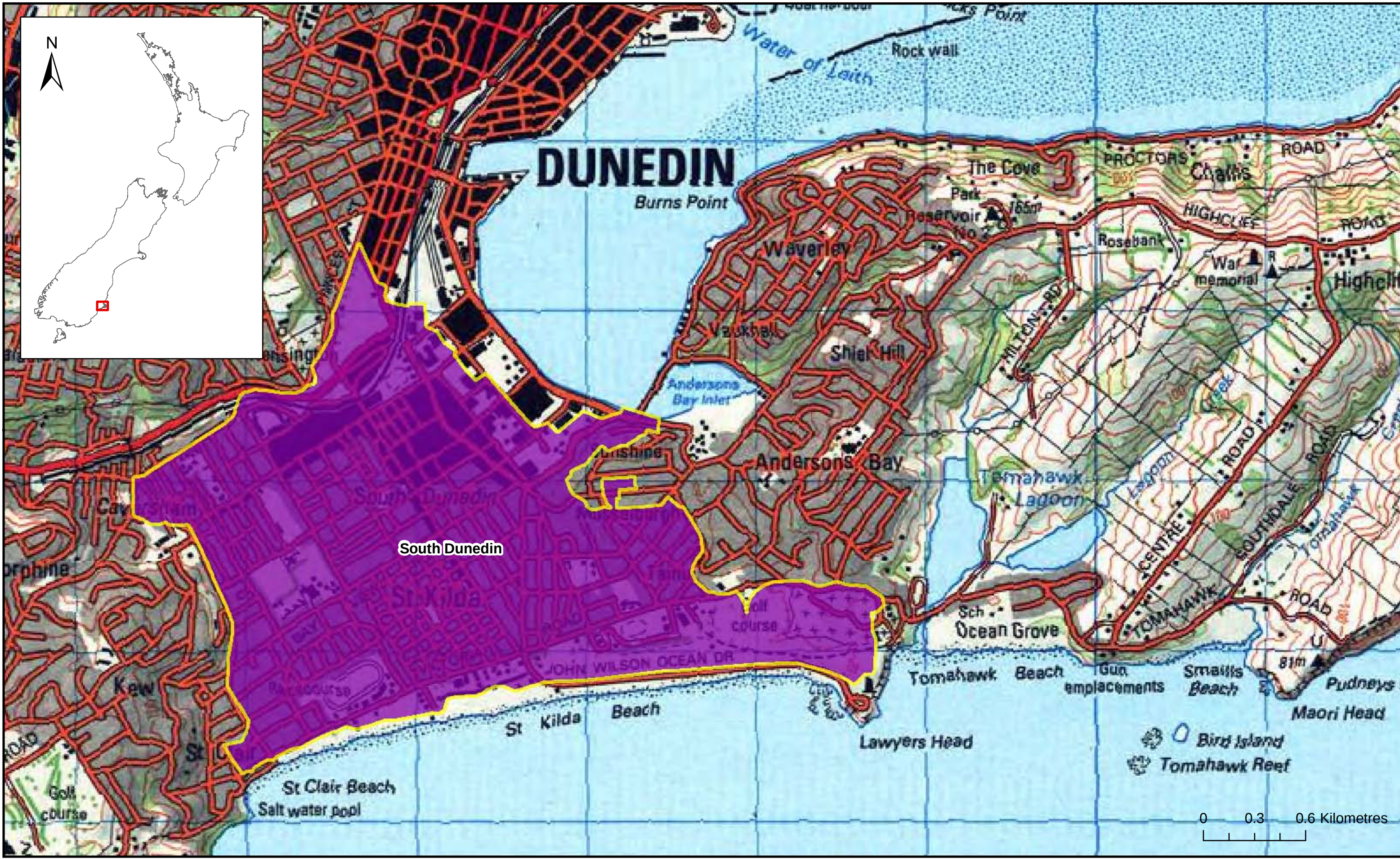
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 DUNEDIN CITY COUNCIL Kaitiaki-mohi a Te Atiwhāteahi  URS URS New Zealand Limited 31 Ground Floor Christchurch Phone: 03-374 8000 Fax: 03-377 0600  OPUS	Dunedin 3 Waters Strategy	SOUTH DUNEDIN INTEGRATED CATCHMENT MANAGEMENT PLAN		DISCIPLINE Stormwater	Drawn: CJO	Status: Final	
		Figure 4-2 South Dunedin Catchment Location	Checked: HES		Scale: 1:20,000	Plot Date: Sep 2011	
			Approved: HES		Job. No: 42173227	Map No: Figure 4-2	Revision: B
			Date: Sep 2011				

Legend

Contour (m)

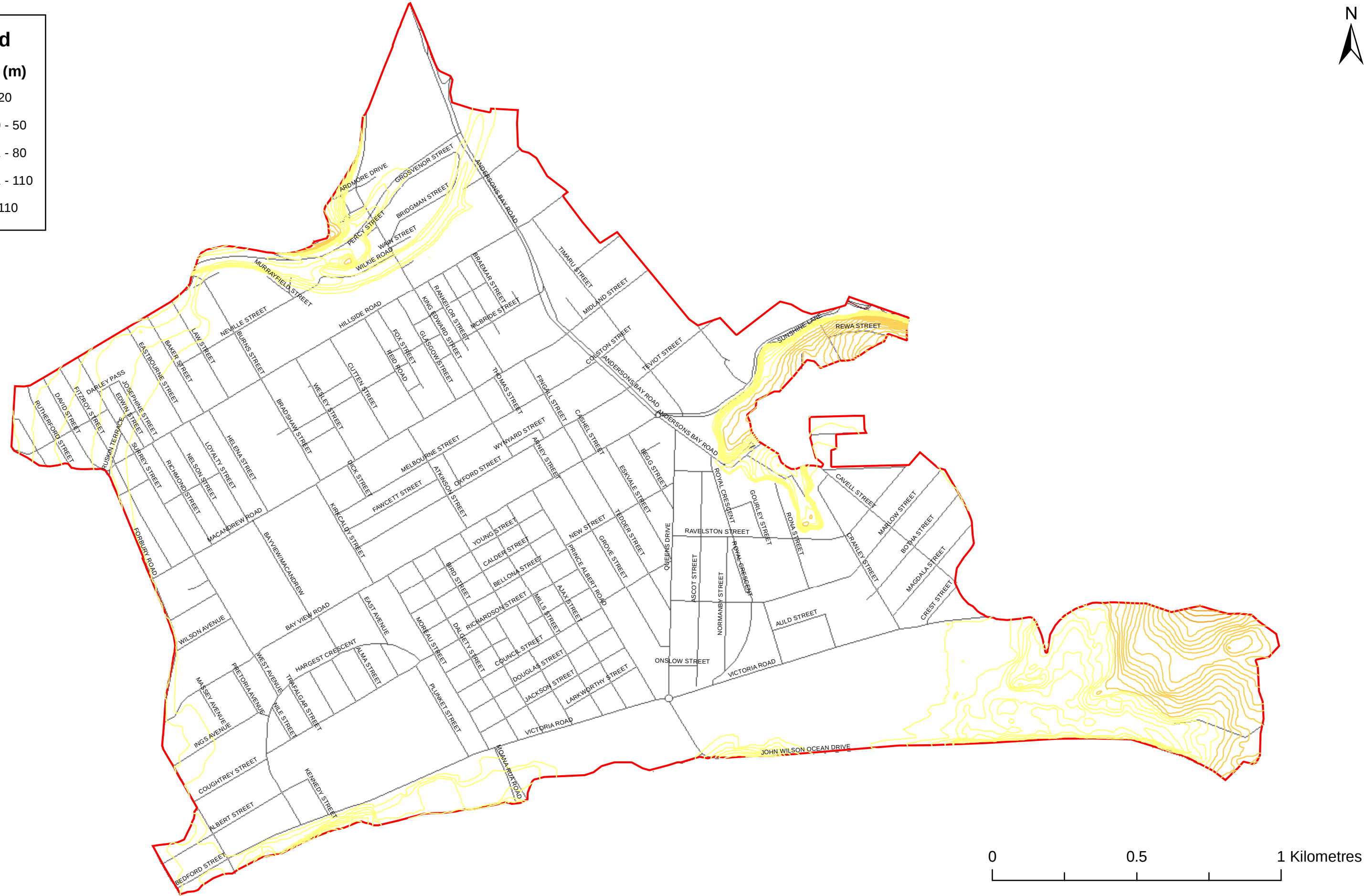
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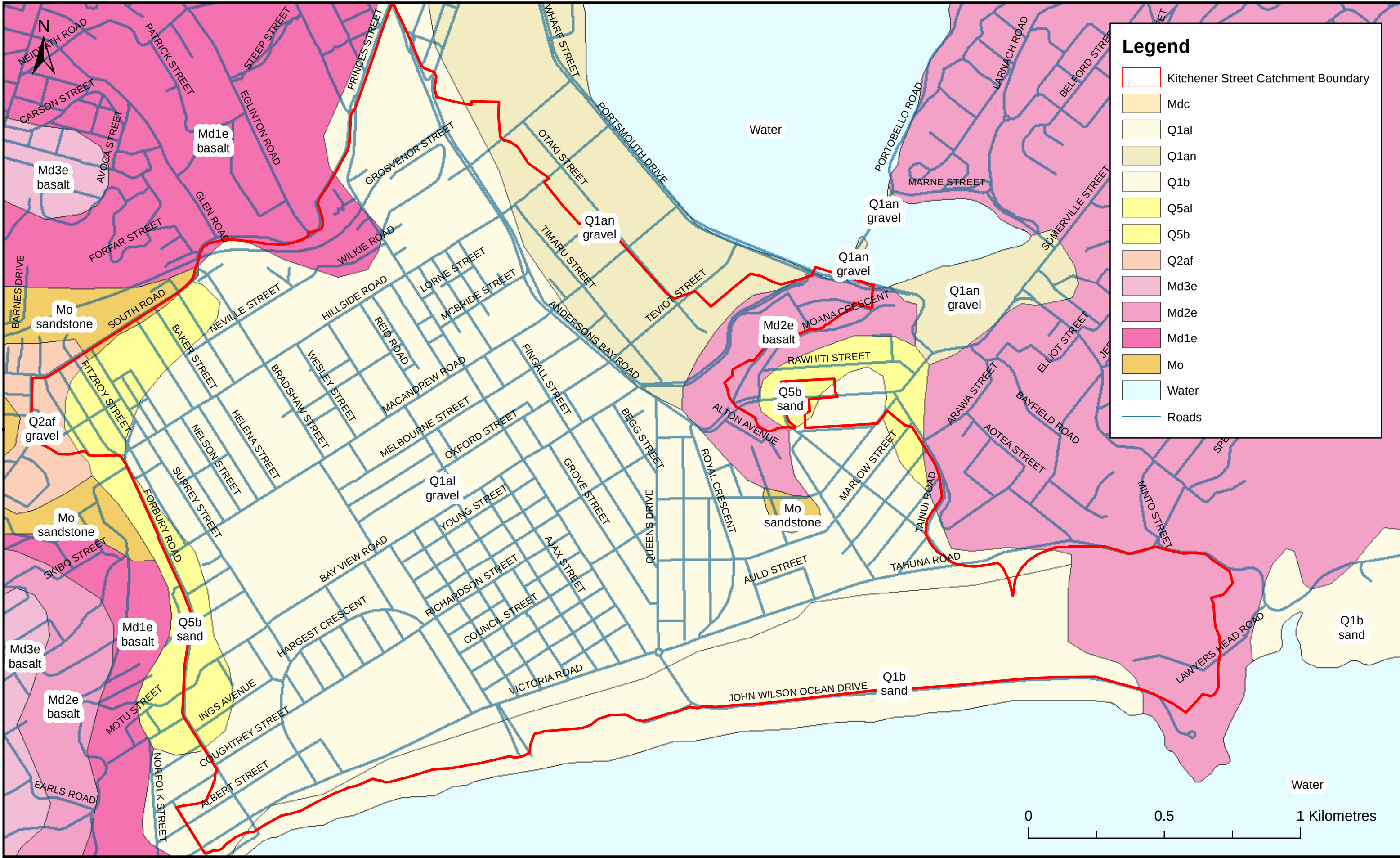
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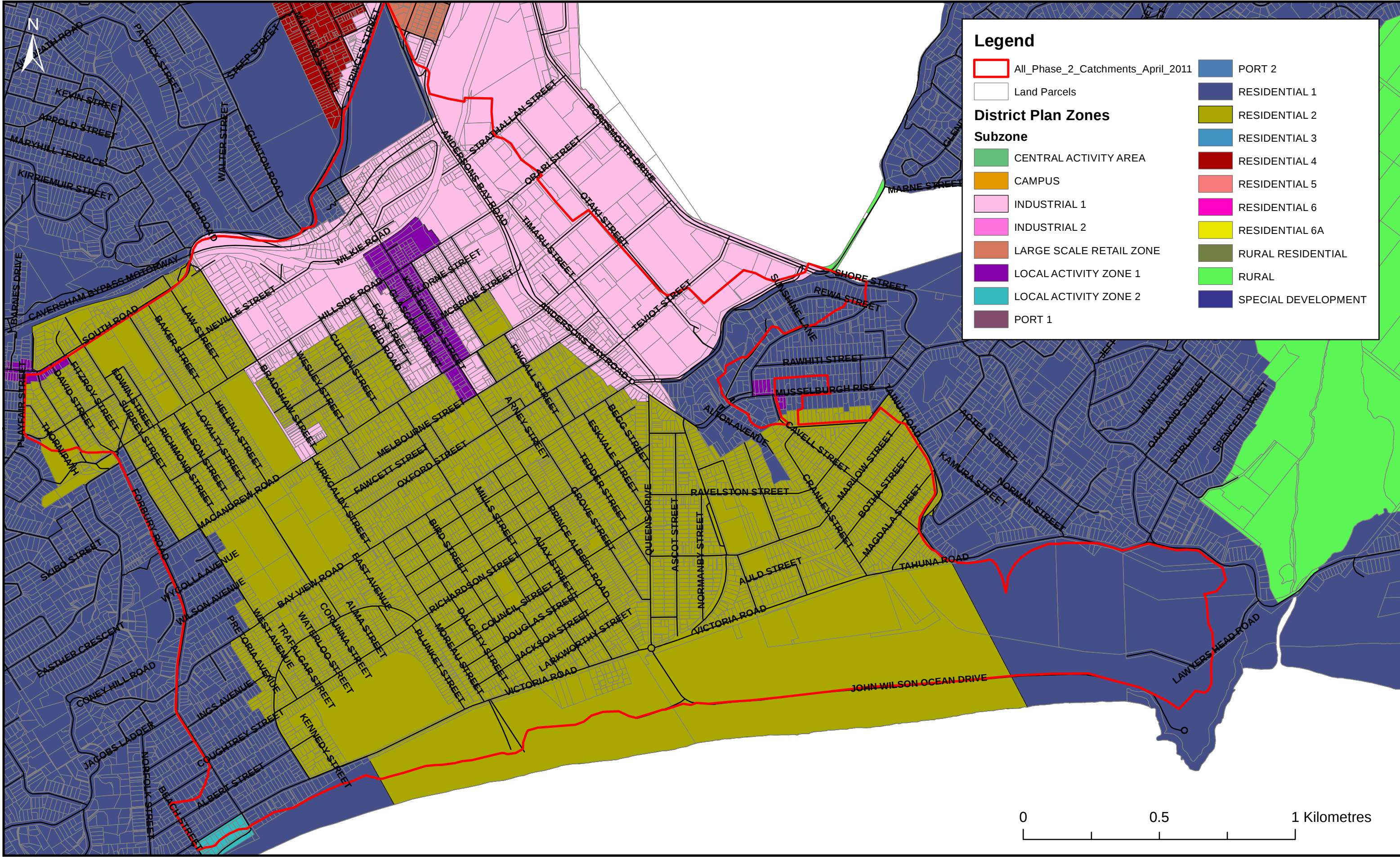
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81 - 110

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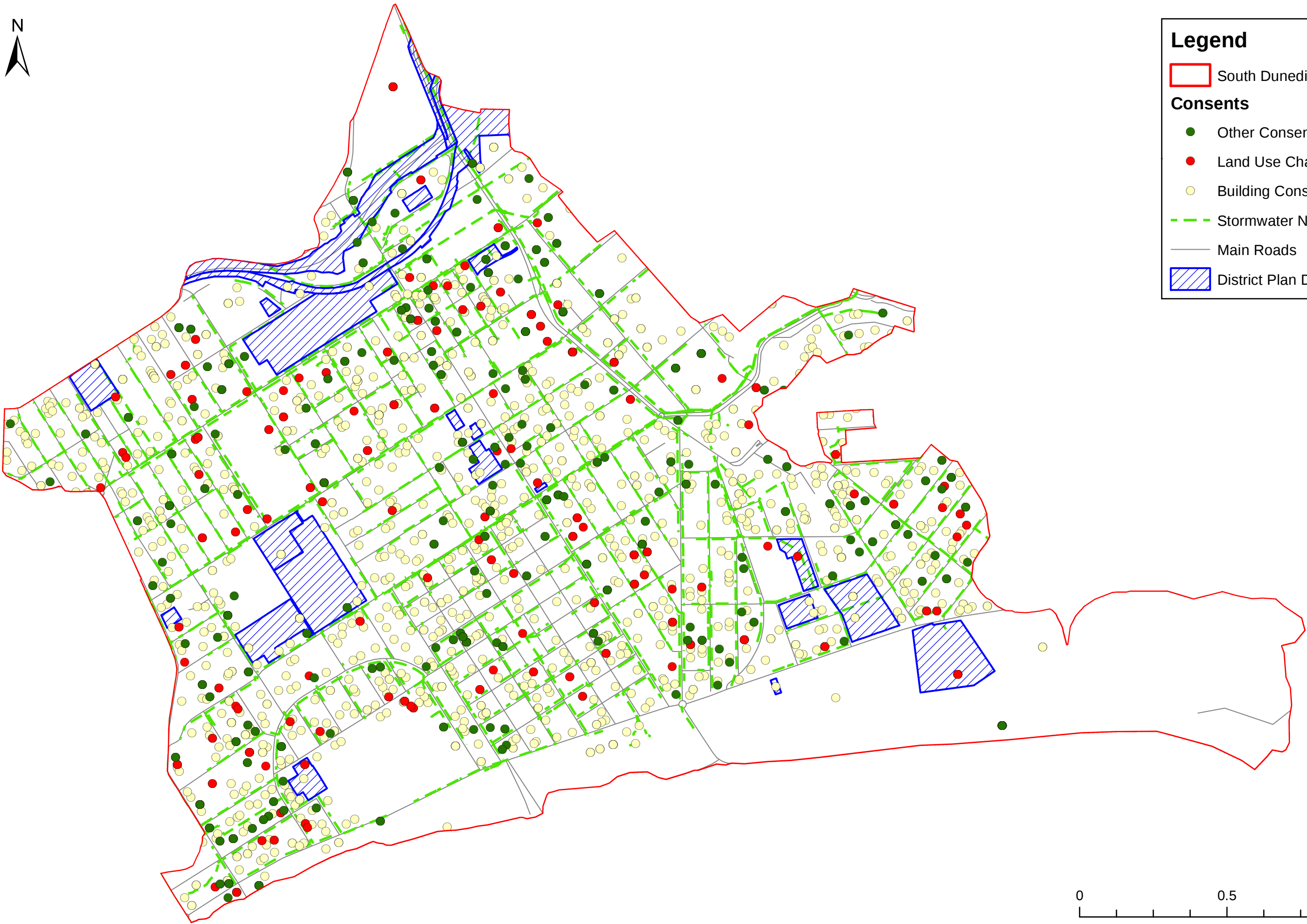






Legend

- South Dunedin Catchment Boundary
- Consents**
- Other Consents
- Land Use Change
- Building Consent
- Stormwater Network
- Main Roads
- District Plan Designation



Dunedin 3 Waters Strategy

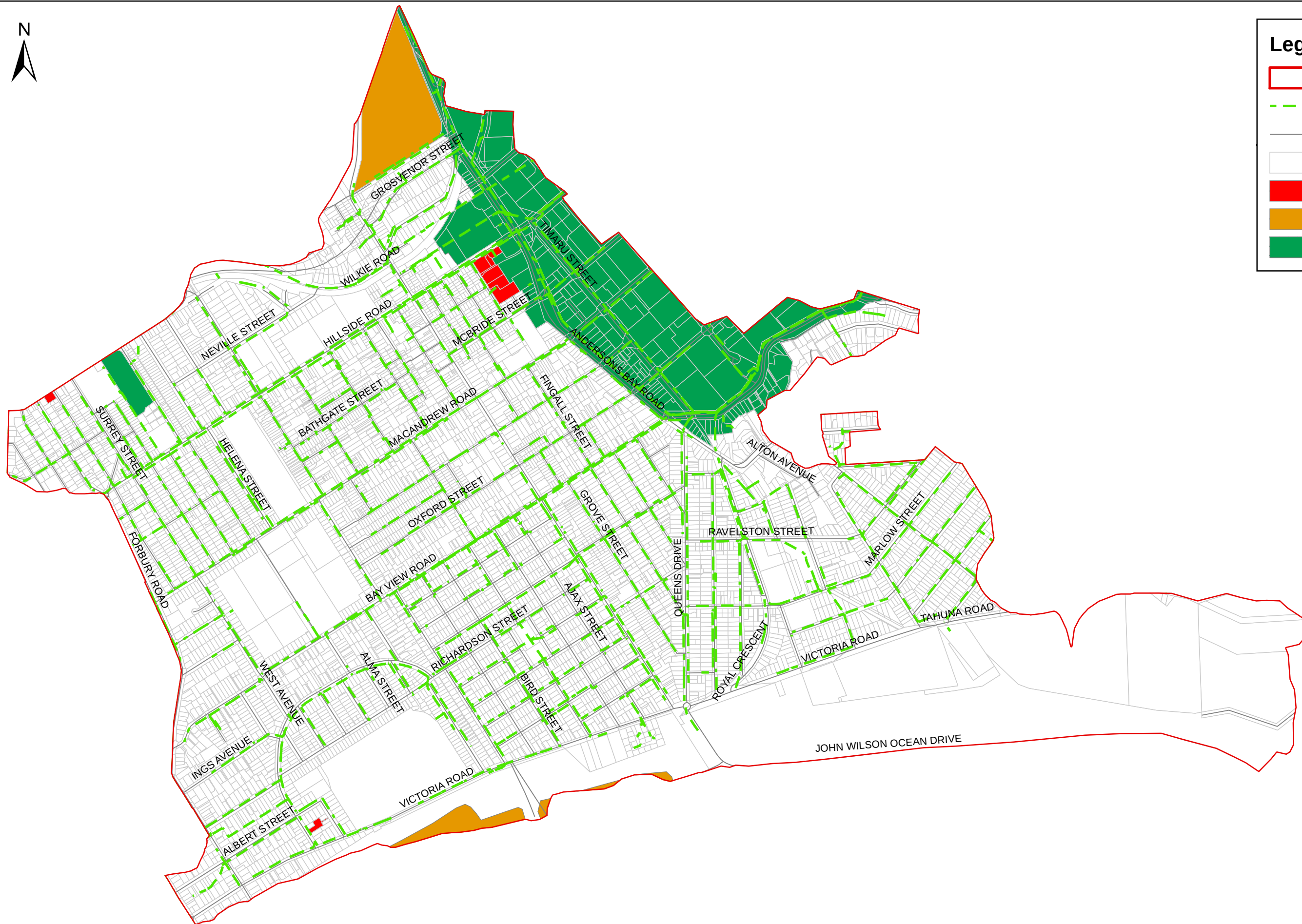
SOUTH DUNEDIN INTEGRATED CATCHMENT MANAGEMENT PLAN
Figure 4-9
South Dunedin Catchment Recent Consents and Designations

DISCIPLINE
Stormwater

Drawn:	KC	Status:	Draft	
Checked:	HES	Scale:	1:12,500	Plot Date: Sep 2011
Approved:	SDH	Job. No:	42173227	Map No:
Date:	Sep 2011			Revision: Figure 4-9 -



- Legend**
- Catchment Boundary
 - Stormwater Network
 - Road
 - Parcel Boundaries
 - Contaminated Site
 - Landfill
 - Reclamation



Dunedin 3 Waters Strategy

SOUTH DUNEDIN INTEGRATED CATCHMENT MANAGEMENT PLAN

Figure 4-10

South Dunedin Catchment Contaminated Land Sites

DISCIPLINE
Stormwater

Drawn:	CO	Status:	Final	
Checked:	JH	Scale:	1:12,500	Plot Date: Sep 2011
Approved:	HES	Job. No:	42173227	Map No:
Date:	Sep 2011			Revision: Figure 4-10



Legend

South Dunedin Catchment Boundary

Land Parcels

Current Imperviousness

Imperviousness (%)

0.0 - 20.0

20.1 - 40.0

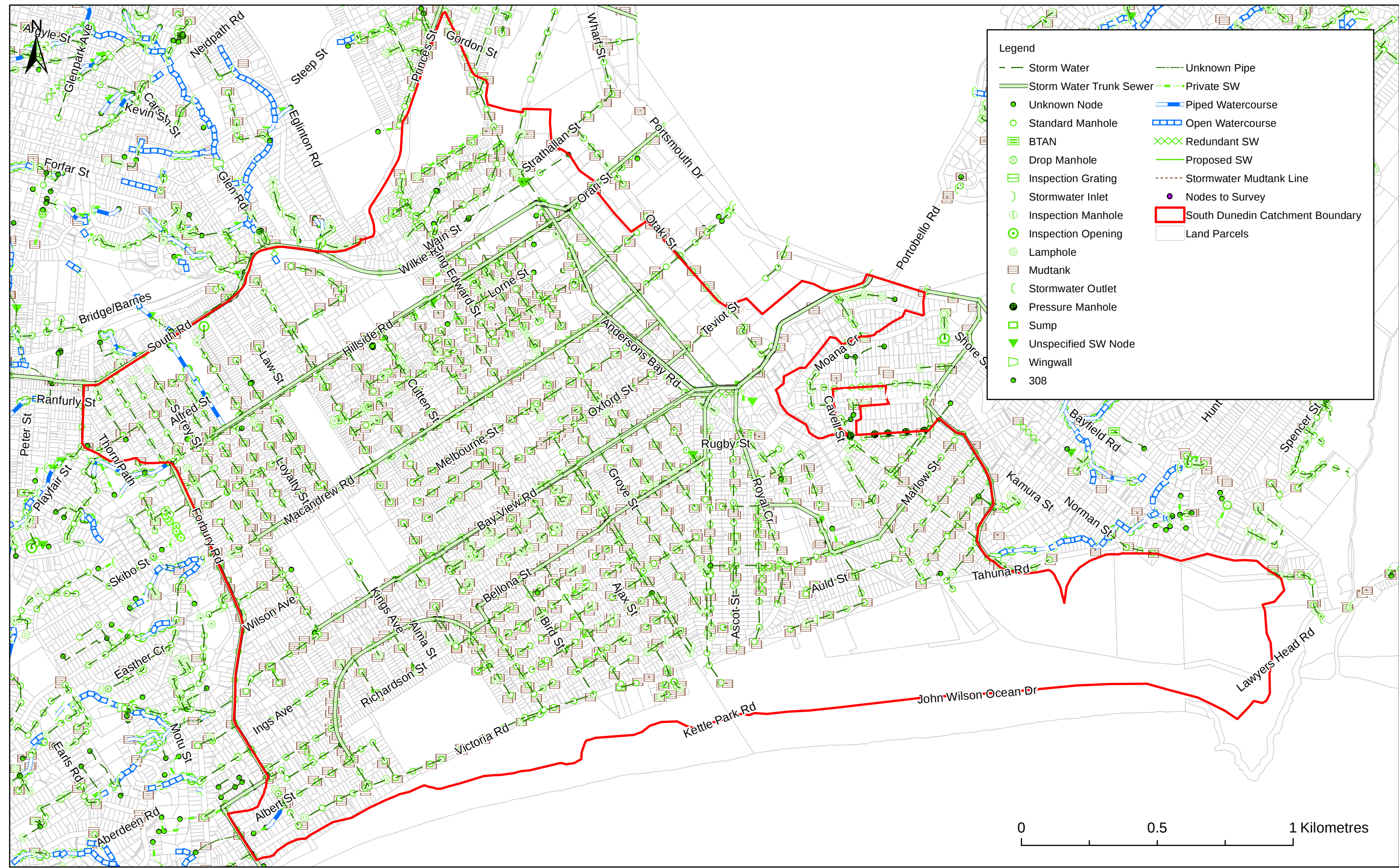
40.1 - 60.0

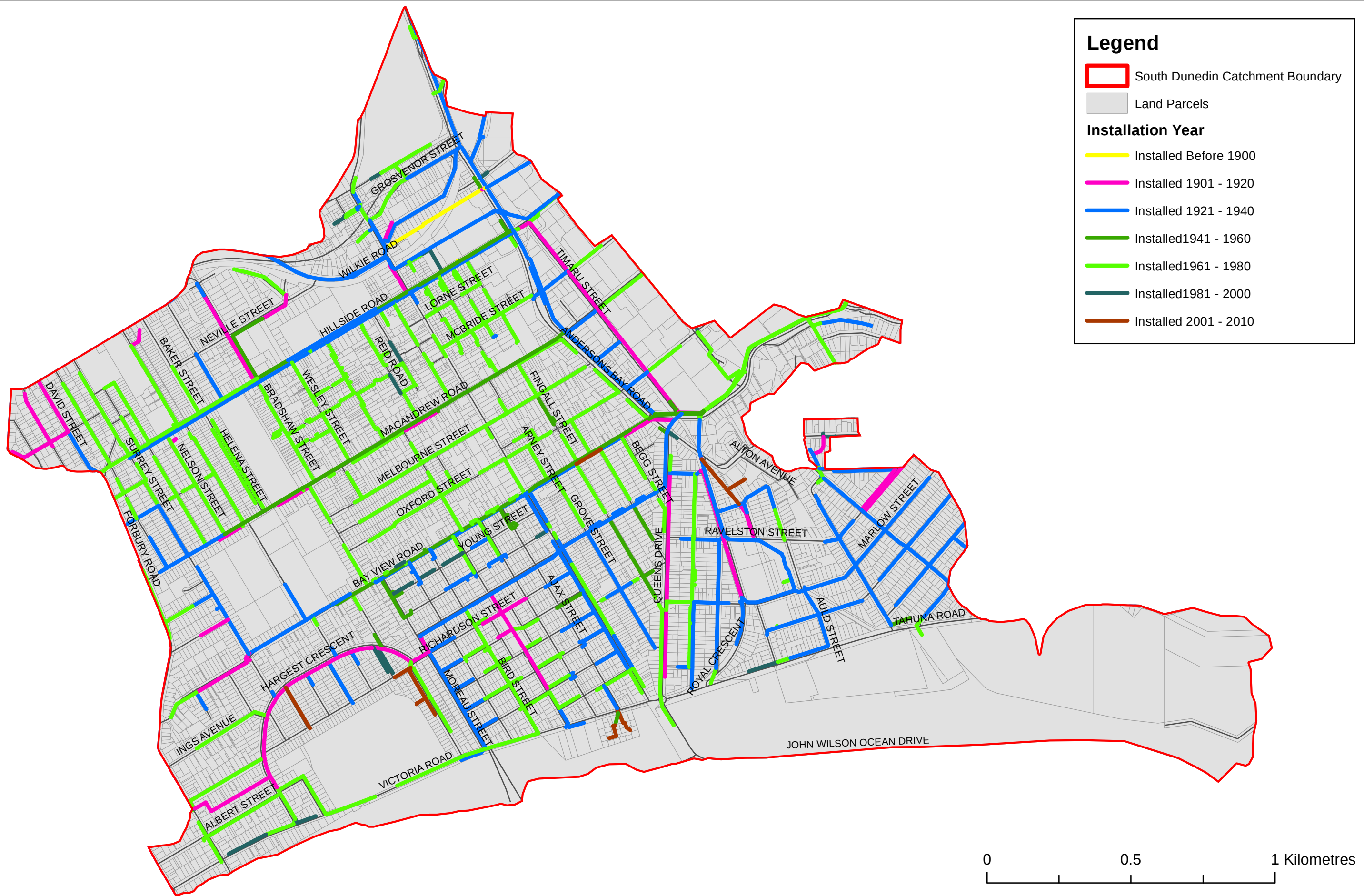
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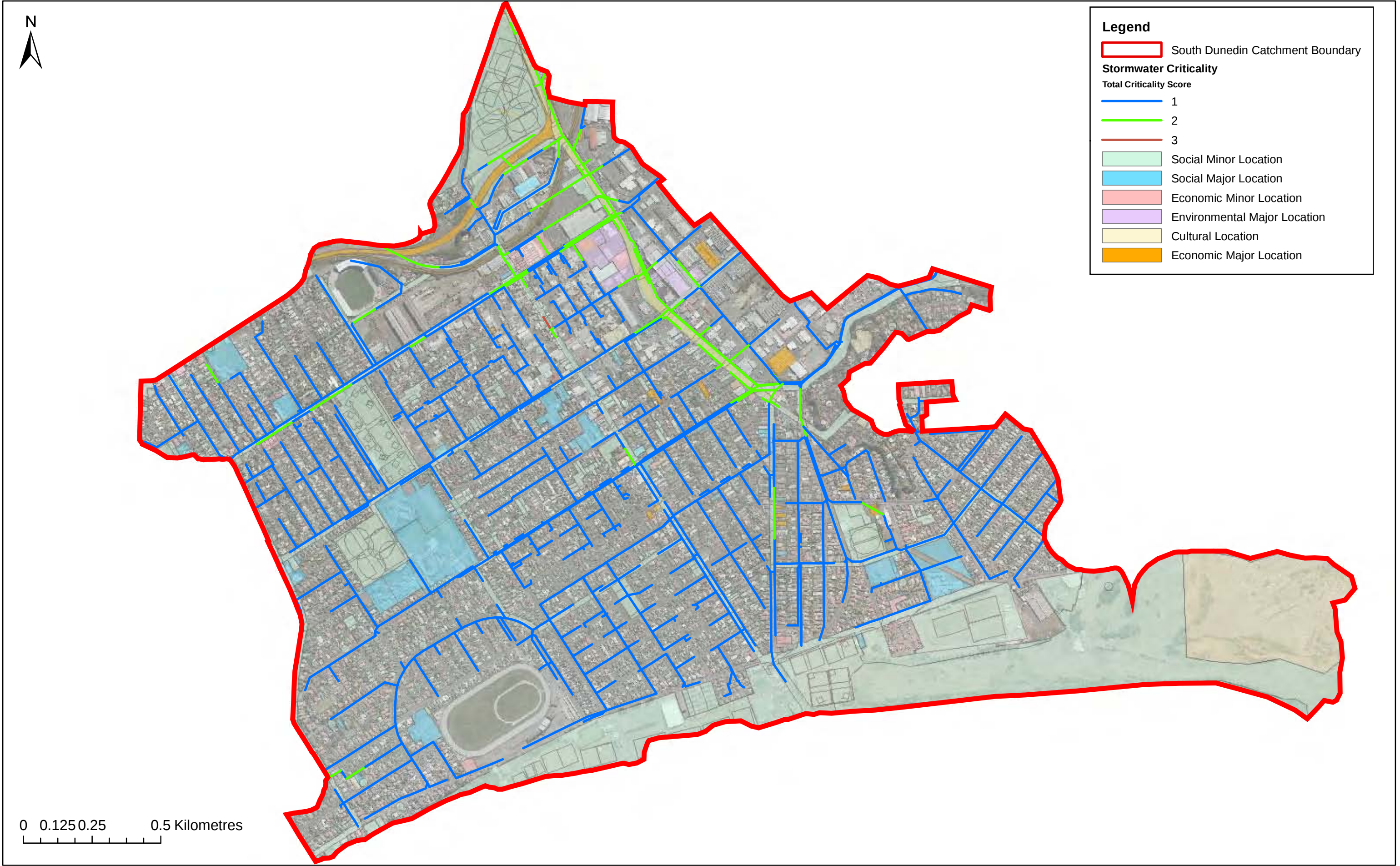
80.1 - 100.0



DISCIPLINE Stormwater	Drawn: CO	Status: Final		
	Checked: TE	Scale: 1:12,500	Plot Date: Sep 2011	
	Approved: HES	Job. No: 42173227	Map No: Figure 4-11	Revision: -
	Date: Sep 2011			







 URS New Zealand Limited Landformers House 287 Durham Street, Christchurch Phone: (03) 374 2300 Fax: (03) 377 9655	Dunedin 3 Waters Strategy	SOUTH DUNEDIN INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 4-15 South Dunedin Catchment Stormwater Network Criticality	DISCIPLINE Stormwater	Drawn: CO	Status: Final	
				Checked: HS	Scale: 1:12,500	Plot Date: Sep 2011
				Approved: HS	Job. No: 42173227	Map No: Figure 4-15
				Date: Sep 2011		Revision: A



Legend

Sth Dunedin Boundary April 2011

Land Parcels

Stormwater Flooding Complaints

Year

Undated

2005

2006

2007

2008

2009

2010

Exact Location Unknown (Road Name Only)

Problem Description

Complaint

Stormwater Channel Screen Blocked

Stormwater Channel Screen Damaged

Stormwater Overflowing - Into my basement or garage

Stormwater Overflowing - Onto my property

Sewer Blocked

Sewer Leaking

Sewer Overflowing

Sewer Manhole - Overflowing

Exact Location Known (Full Address)

Problem Description

Complaints

Floodgate Outlet Damaged

Pollution Spill

Stormwater Channel Screen Blocked

Stormwater Channel Screen Damaged

Stormwater Overflowing - Into my basement or garage

Stormwater Overflowing - Onto my property

Drain - Boundary trap overflow

Lamphole - Overflowing

Sewer Blocked

Sewer Collapsed

Sewer Leaking

Sewer Overflowing

Sewer Manhole - Overflowing



DUNEDIN CITY COUNCIL
Kaitiaki Take Kōwhiri o Dunedin



OPUS



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Dunedin 3 Waters Strategy

SOUTH DUNEDIN INTEGRATED CATCHMENT MANAGEMENT PLAN

Figure 4-17

South Dunedin Catchment Reported Stormwater Flooding

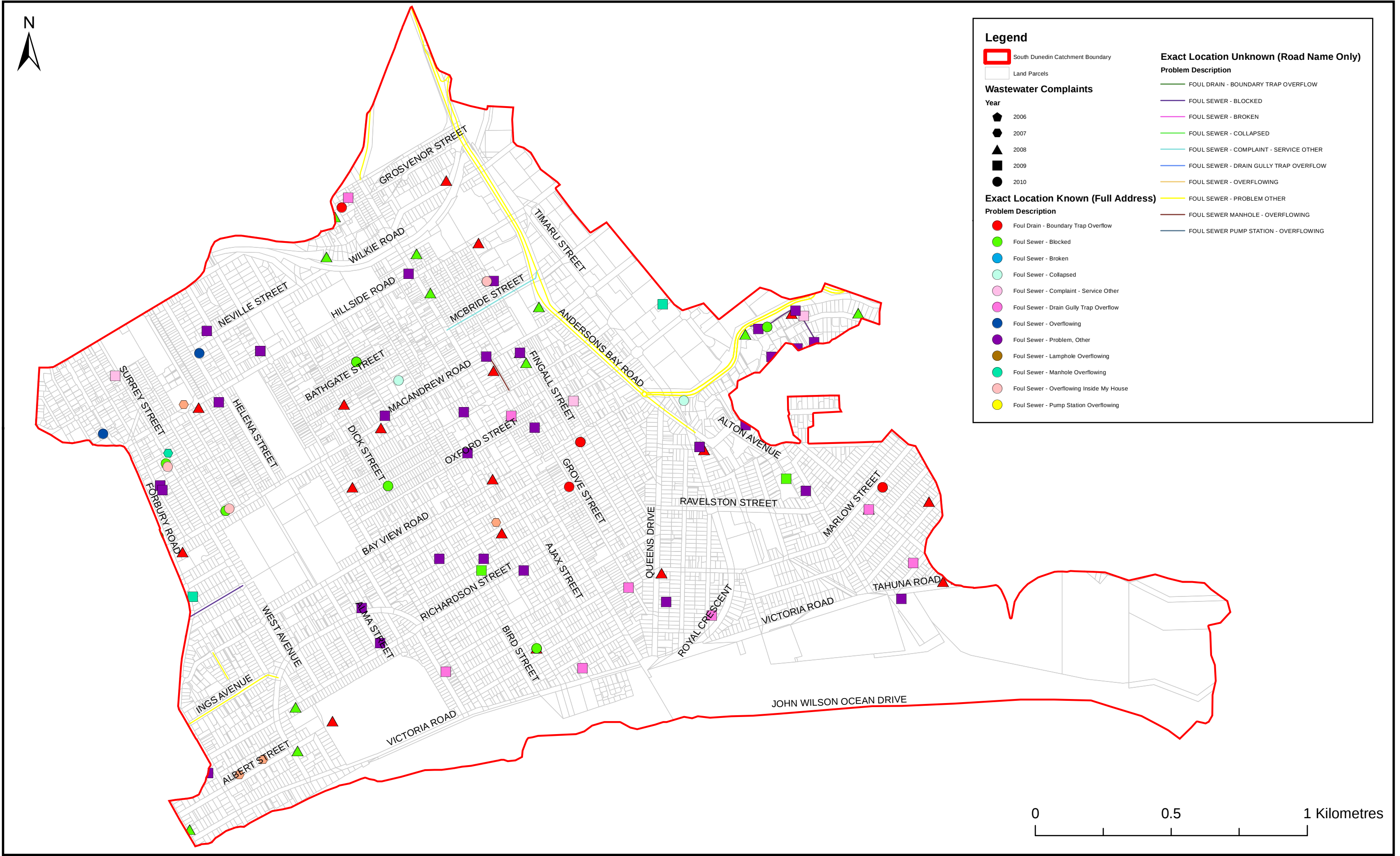
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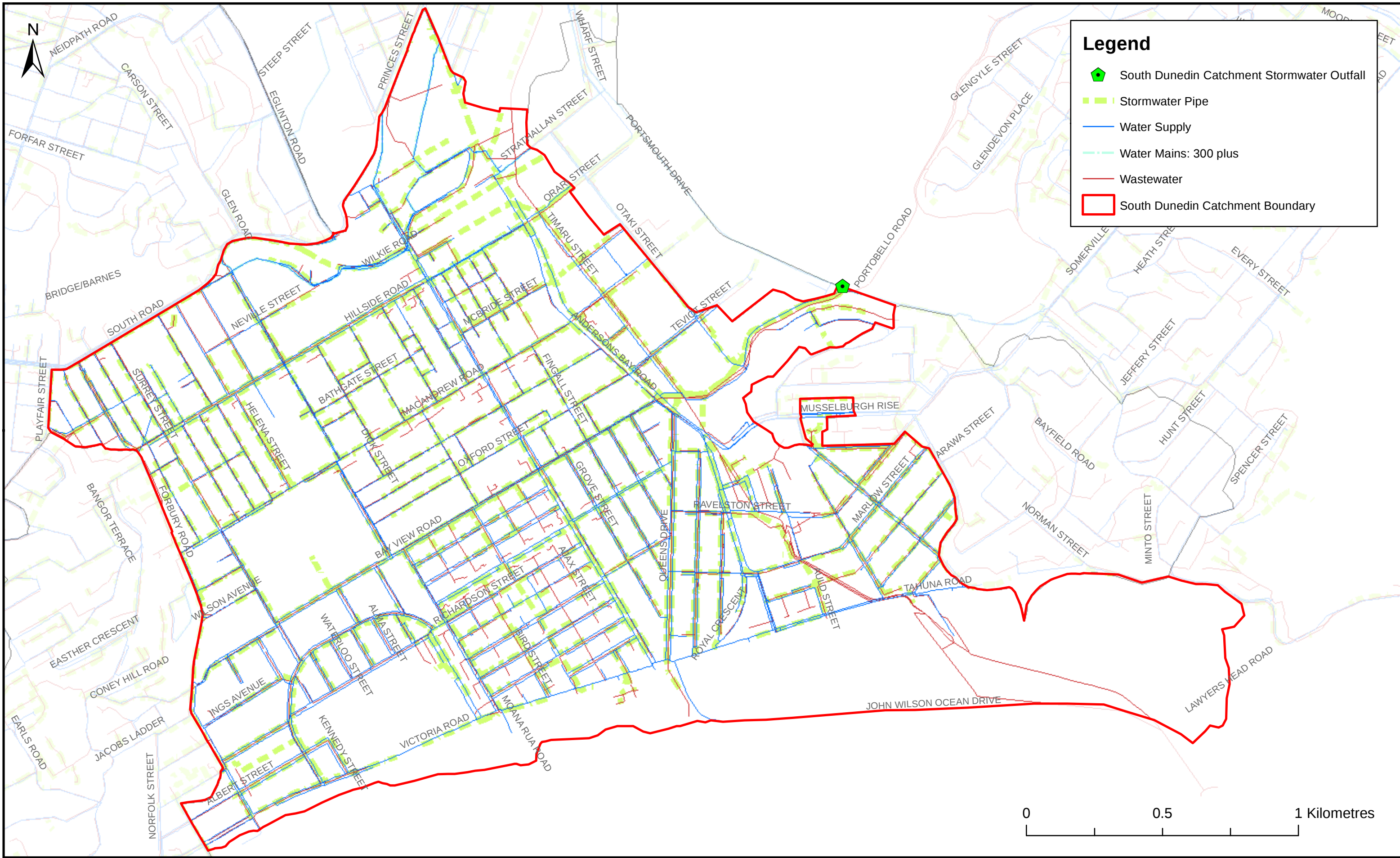
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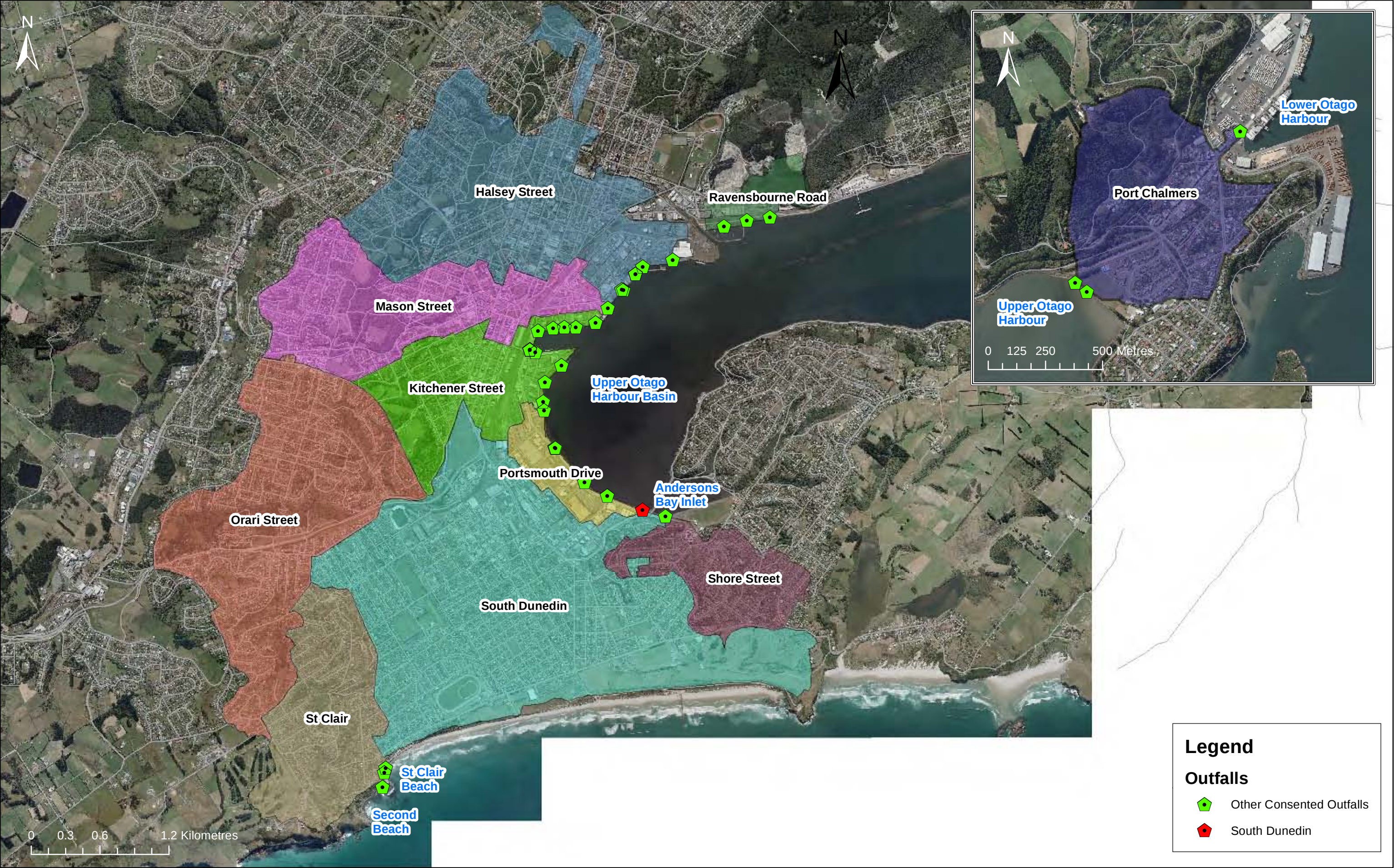
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Date: Sep 2011	42173227	Figure 4-17	-

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 DUNEDIN CITY COUNCIL Kaumiharewaka o Ōtago OPUS URS URS New Zealand Limited Landformery House 387 Durham Street Christchurch Phone: 03 374 8000 Fax: 03 377 9605	Dunedin 3 Waters Strategy	SOUTH DUNEDIN INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 5-2 South Dunedin 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
					Date:	Sep 2011		Revision: -



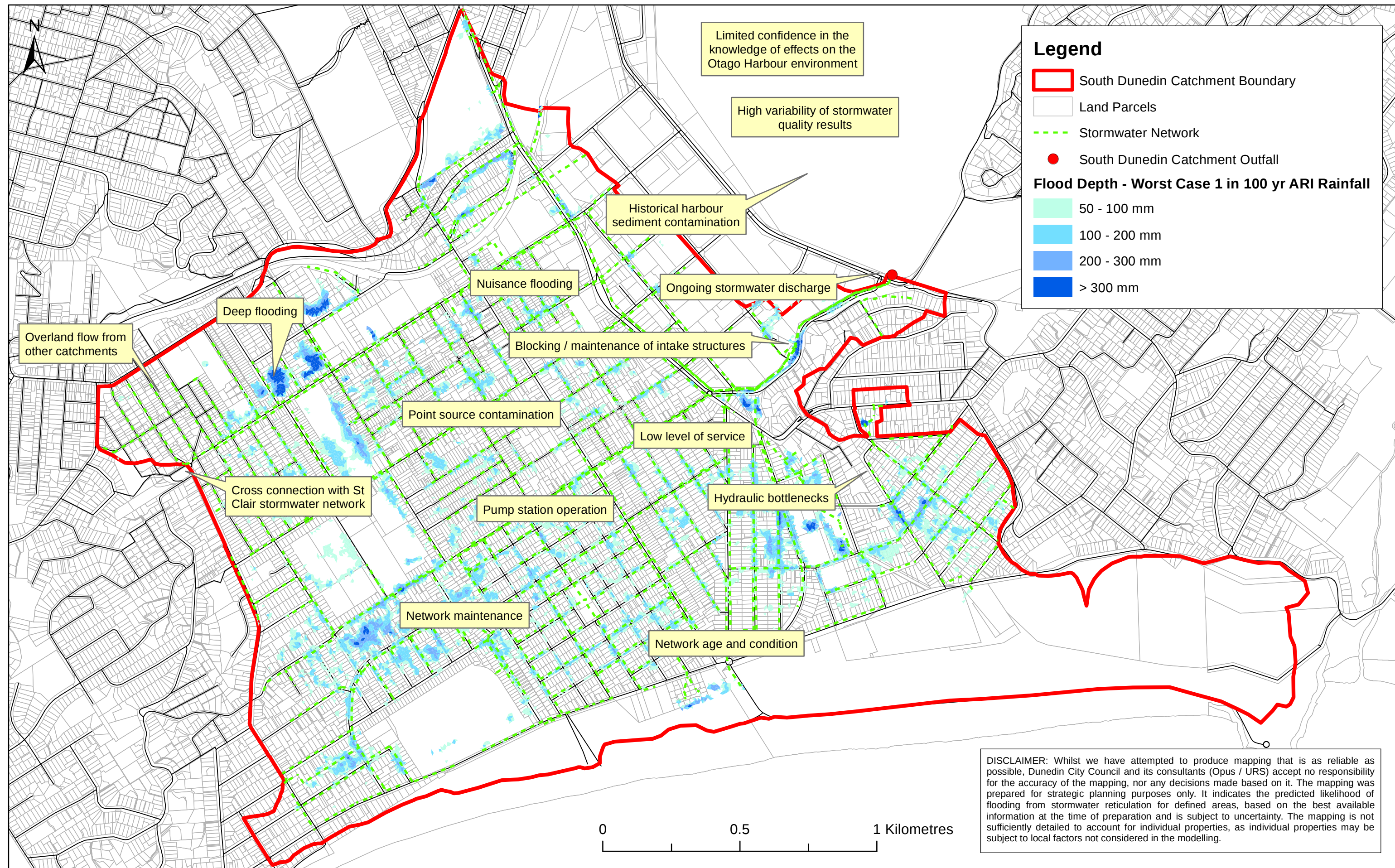
Legend

South Dunedin Catchment Outfall

Modelled Pipe

South Dunedin Catchment Boundary

 DUNEDIN CITY COUNCIL Kaumaitene-a-rangi ki Otiraho  OPUS  URS URS New Zealand Limited Landborough House 287 Durham Street, Christchurch Phone: 03 374 8306 Fax: 03 377 5953	Dunedin 3 Waters Strategy	SOUTH DUNEDIN INTEGRATED CATCHMENT MANAGEMENT PLAN			DISCIPLINE	Drawn:	CO	Status:	Final				
		Figure 7-1				Checked:	JH	Scale:	1:12,500	Plot Date:	Sep 2011		
		South Dunedin Catchment Model Extent				Approved:	HS	Job. No:	42173227	Map No:	Figure 7-1	Revision:	-
						Date:	Sep 2011						



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 URS New Zealand Limited Lambton Quay House 207 Durham Street, Christchurch Phone: 03 374 6000 Fax: 03 377 9600 		SOUTH DUNEDIN INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 9-1 South Dunedin Catchment Issues	DISCIPLINE Stormwater	Drawn: CJO	Status: Draft	
Checked: HES	Scale: 1:12,500			Plot Date: Sep 2011		
Approved: HES	Job. No: 42173227			Map No: Figure 9-1	Revision: -	
Date: Sep 2011						