



Dunedin 3 Waters Strategy

St Clair Integrated Catchment Management Plan

Figures





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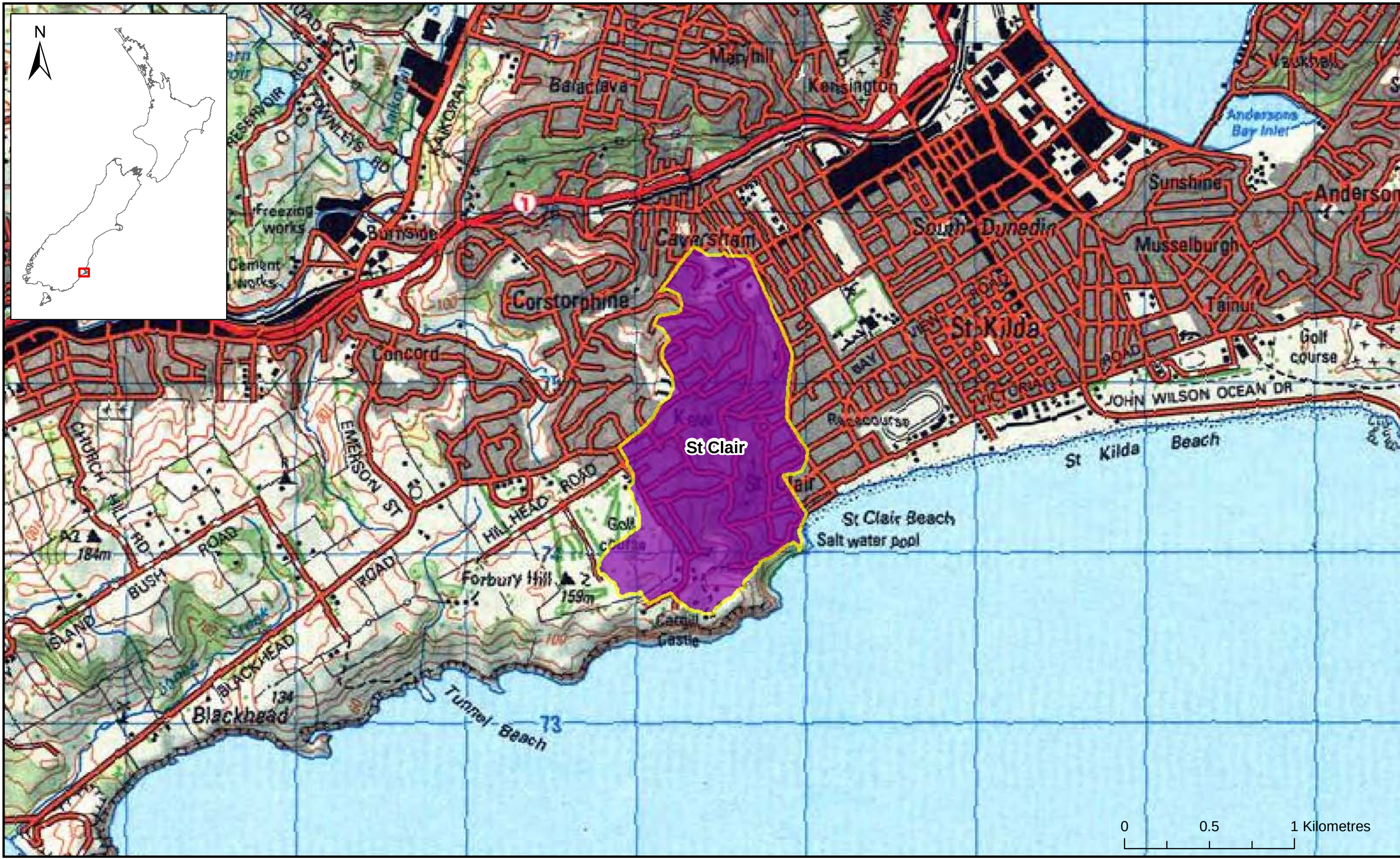
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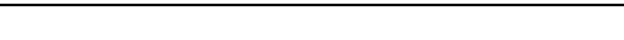
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	Dunedin 3 Waters Strategy	ST CLAIR INTEGRATED CATCHMENT MANAGEMENT PLAN		DISCIPLINE Stormwater	Drawn: KC	Status: Final	
		Figure 4-1 St Clair Catchment Location	Checked: HES		Scale: 1:20,000	Plot Date: Sep 2011	
			Approved: SDH		Job. No: 42173227	Map No:	Revision:
			Date: Sep 2011			Figure 4-1	-

St Clair Catchment Boundary

Contour (m)

<30

30 - 70

71 - 110

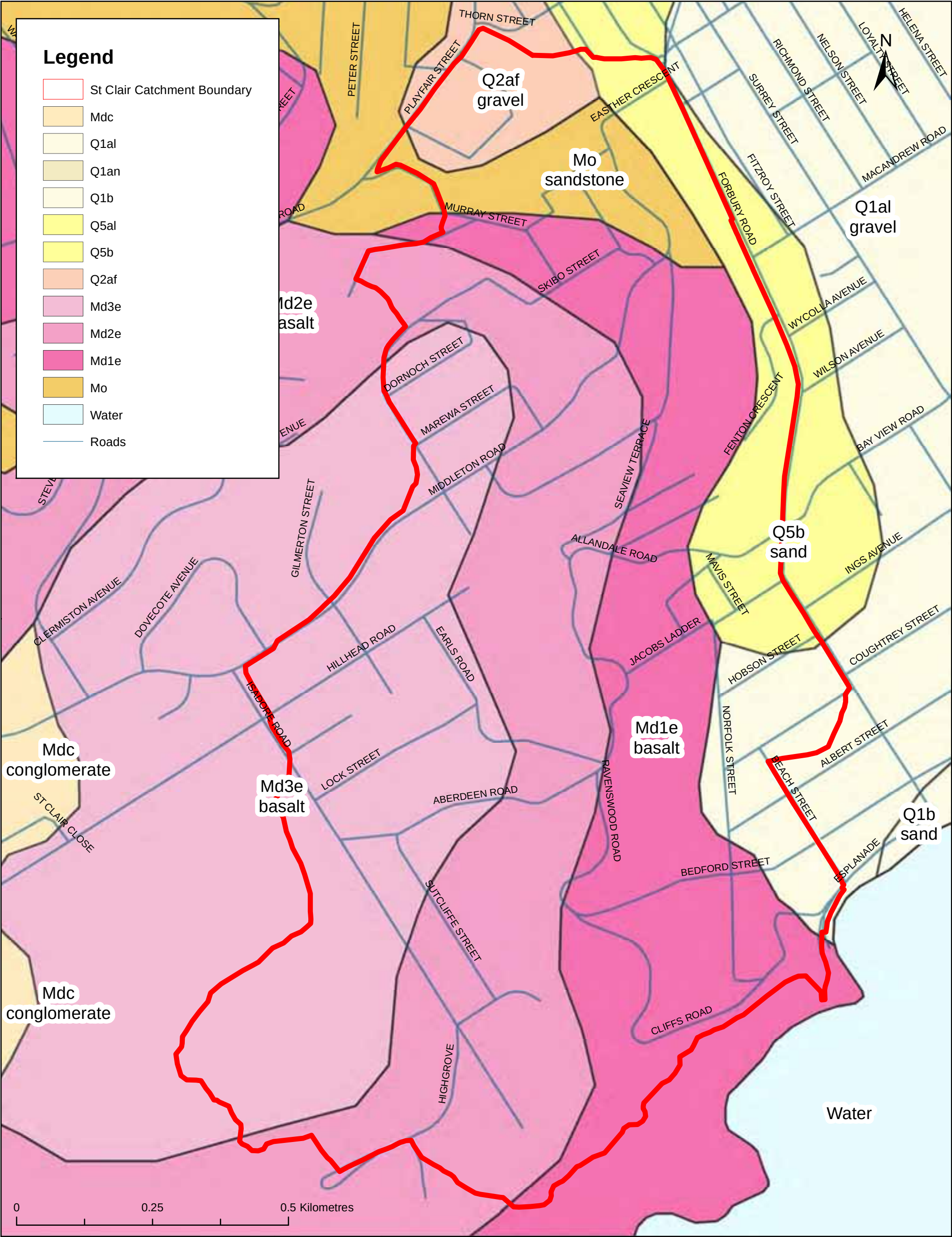
111 - 140

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DUNEDIN CITY COUNCIL Kaitiaki-a-Mōri o Dunedin URS 275 New Zealand Limited 111 St Albans Place Dunedin 9012 05 477 8888 OPUS	Dunedin 3 Waters Strategy	ST CLAIR INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 4-2 St Clair Catchment Contour Map	DISCIPLINE Stormwater	Status: Final		
				Scale: 1:6,500	Plot Date: Sep 2011	
				Drawn By: CO	Approved: HS	
				Checked: JH	Date: Sep 2011	
				Job No: 42173227	Map No: Figure 4-2	Revision: -

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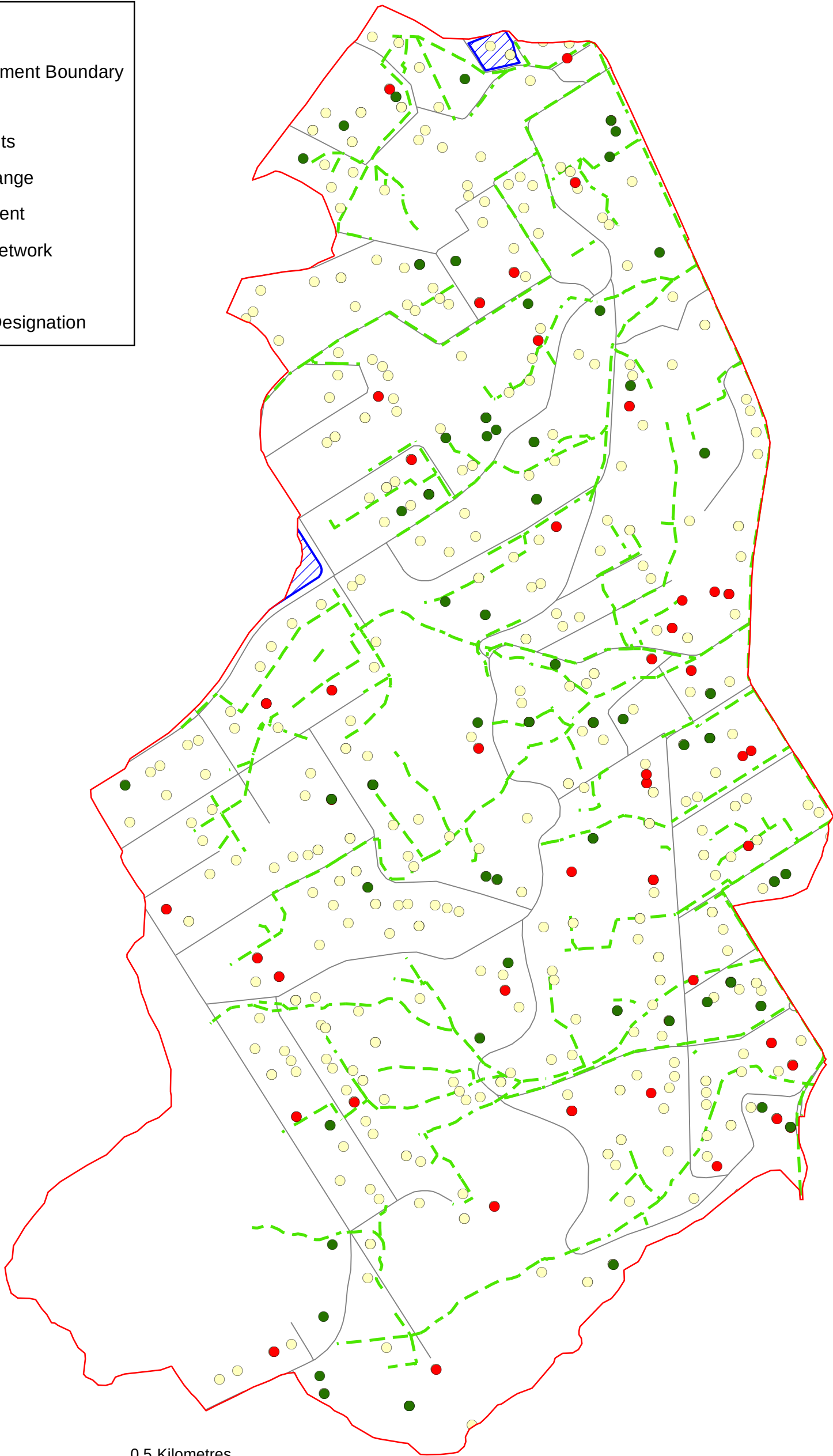
T:\Jobs\42173227\GIS\FIGURES\St Clair\SC_Contour map.mxd



	Dunedin 3 Waters Strategy	ST CLAIR INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 4-3 St Clair Catchment Geology Map	DISCIPLINE Stormwater	Status: Final		
				Scale: 1:6,500	Plot Date: Sep 2011	
				Drawn By: CO	Approved: HS	
				Checked: JH	Date: Sep 2011	
				Job No: 42173227	Map No: Figure 4-3	Revision: -

Legend

- St Clair Catchment Boundary
- Consents
- Other Consents
- Land Use Change
- Building Consent
- Stormwater Network
- Main Roads
- District Plan Designation



0 0.25 0.5 Kilometres



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ST CLAIR INTEGRATED
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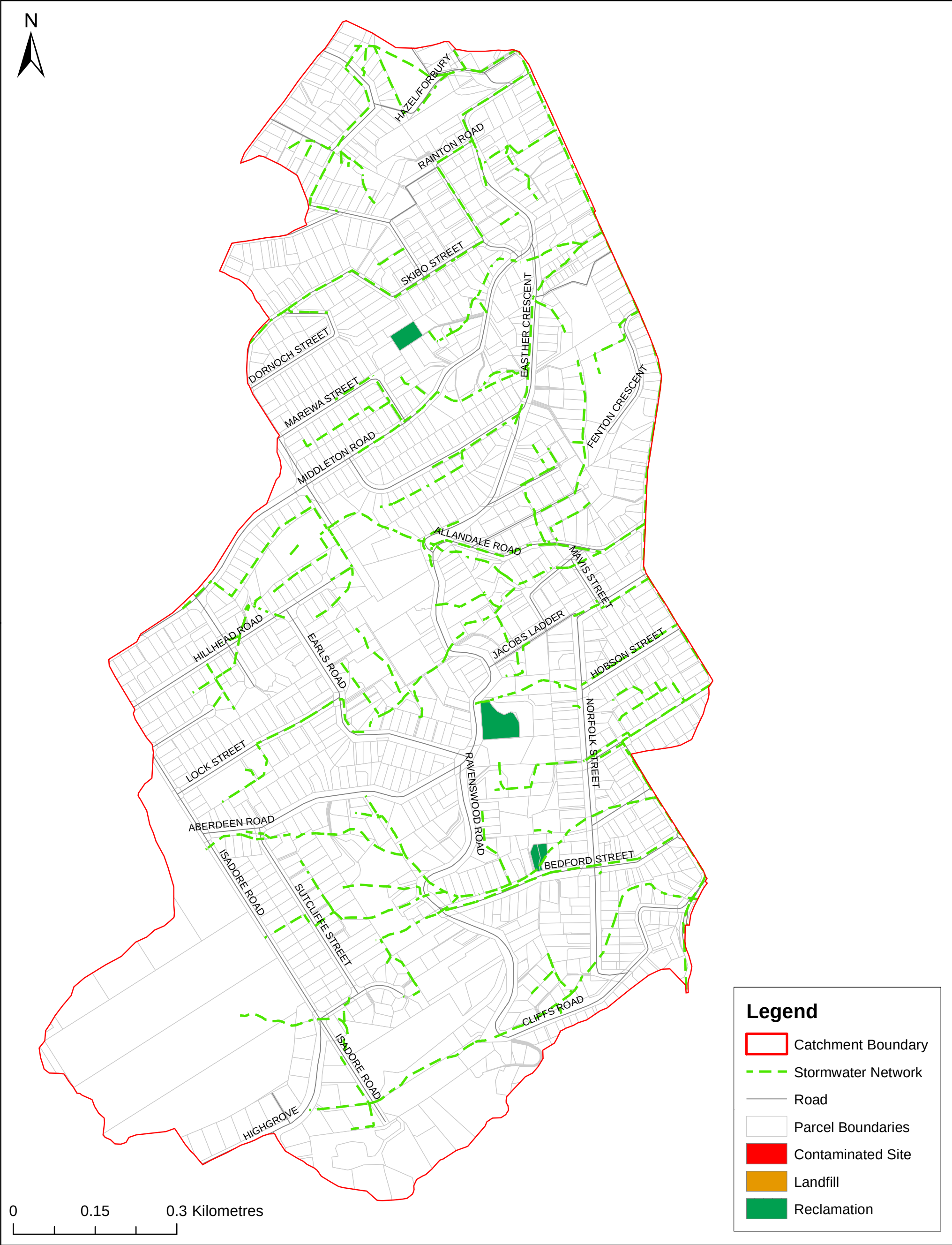
Figure 4-6

St Clair Catchment Recent
Consents and Designations

DISCIPLINE

Stormwater

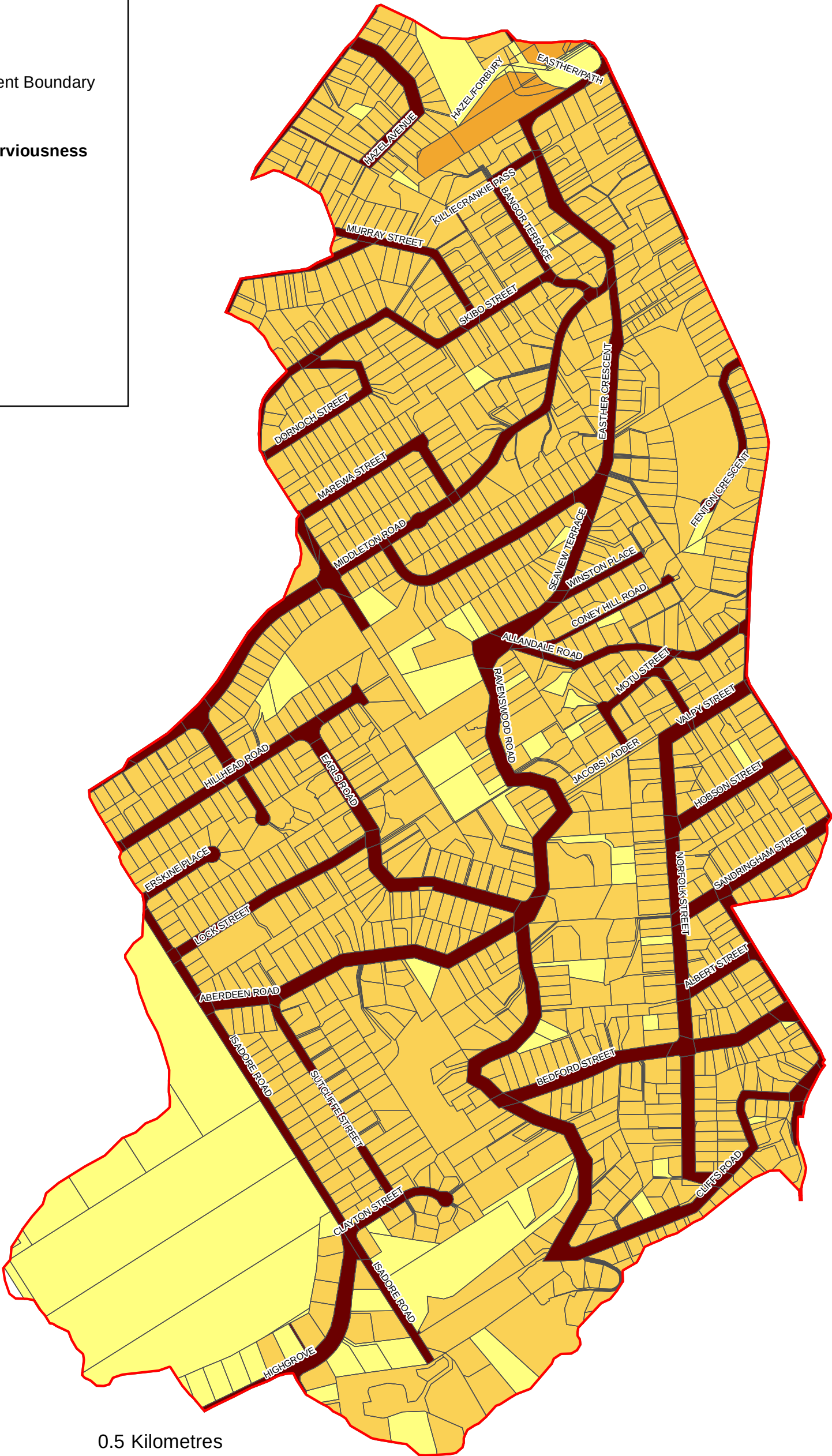
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Drawn By:	CO	Approved:	HS
Checked:	JH	Date:	Sep 2011
Job No:	42173227	Map No:	Figure 4-6
		Revision:	-



DUNEDIN CITY COUNCIL Kaitiaki - te kaitiaki o Aotearoa URS URS New Zealand Limited 271 Island Road Christchurch Phone: 03 379 8888 Fax: 03 379 8889 OPUS	Dunedin 3 Waters Strategy	ST CLAIR INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 4-7 St Clair Catchment Contaminated Land Sites	DISCIPLINE Stormwater	Status: Final	
				Scale: 1:6,500	Plot Date: Oct 2011
				Drawn By: CO	Approved: HS
				Checked: JH	Date: Oct 2011
				Job No: 42173227	Map No: Figure 4-7
					Revision: -

Legend

- St Clair Catchment Boundary
- Land Parcel
- Current Land Use Imperviousness
- Impervious (%)
- 0 - 20
- 20.1 - 40
- 40.1 - 60
- 60.1 - 80
- 80.1 - 100



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ST CLAIR INTEGRATED
CATCHMENT MANAGEMENT PLAN

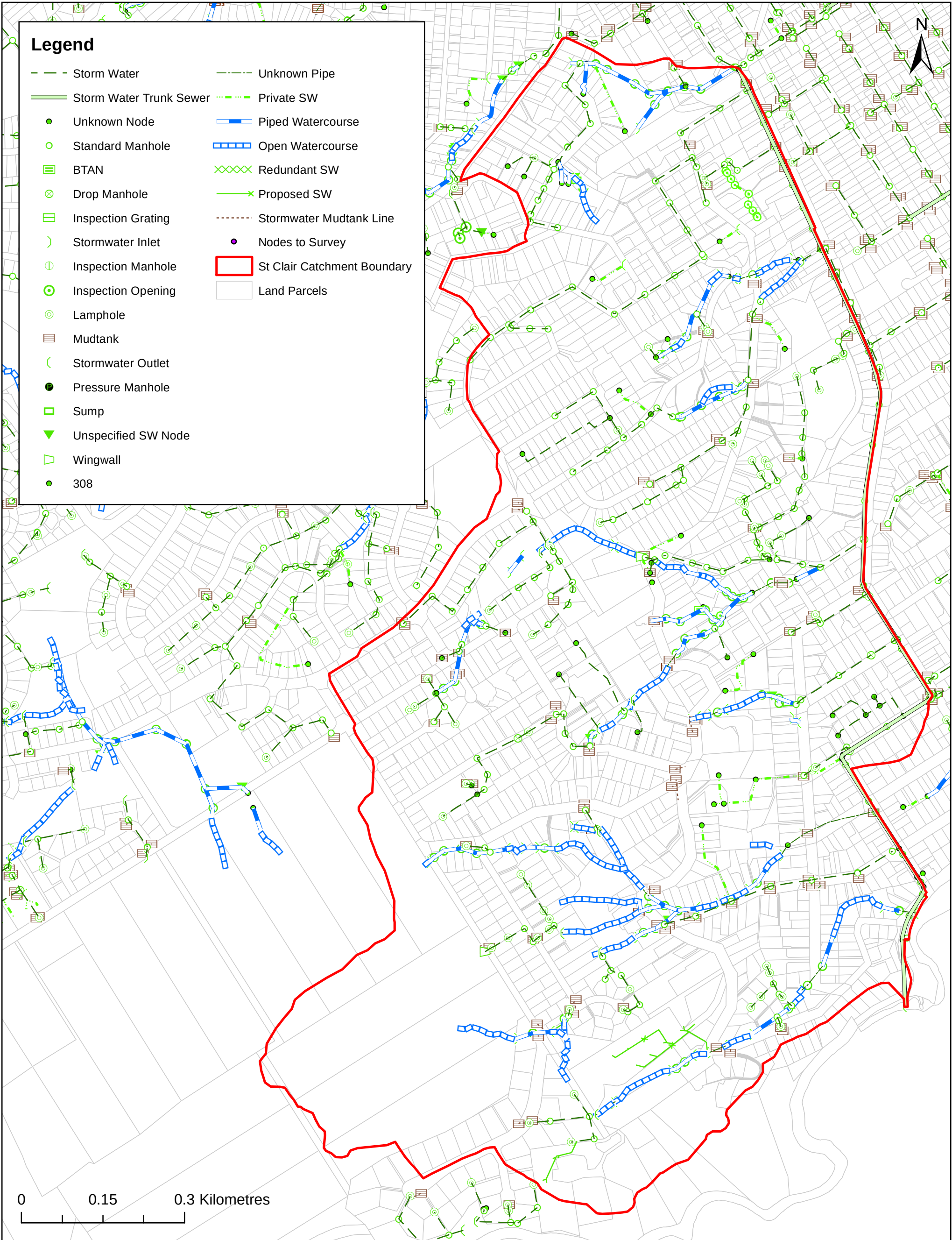
Figure 4-8

St Clair Catchment
Current Imperviousness

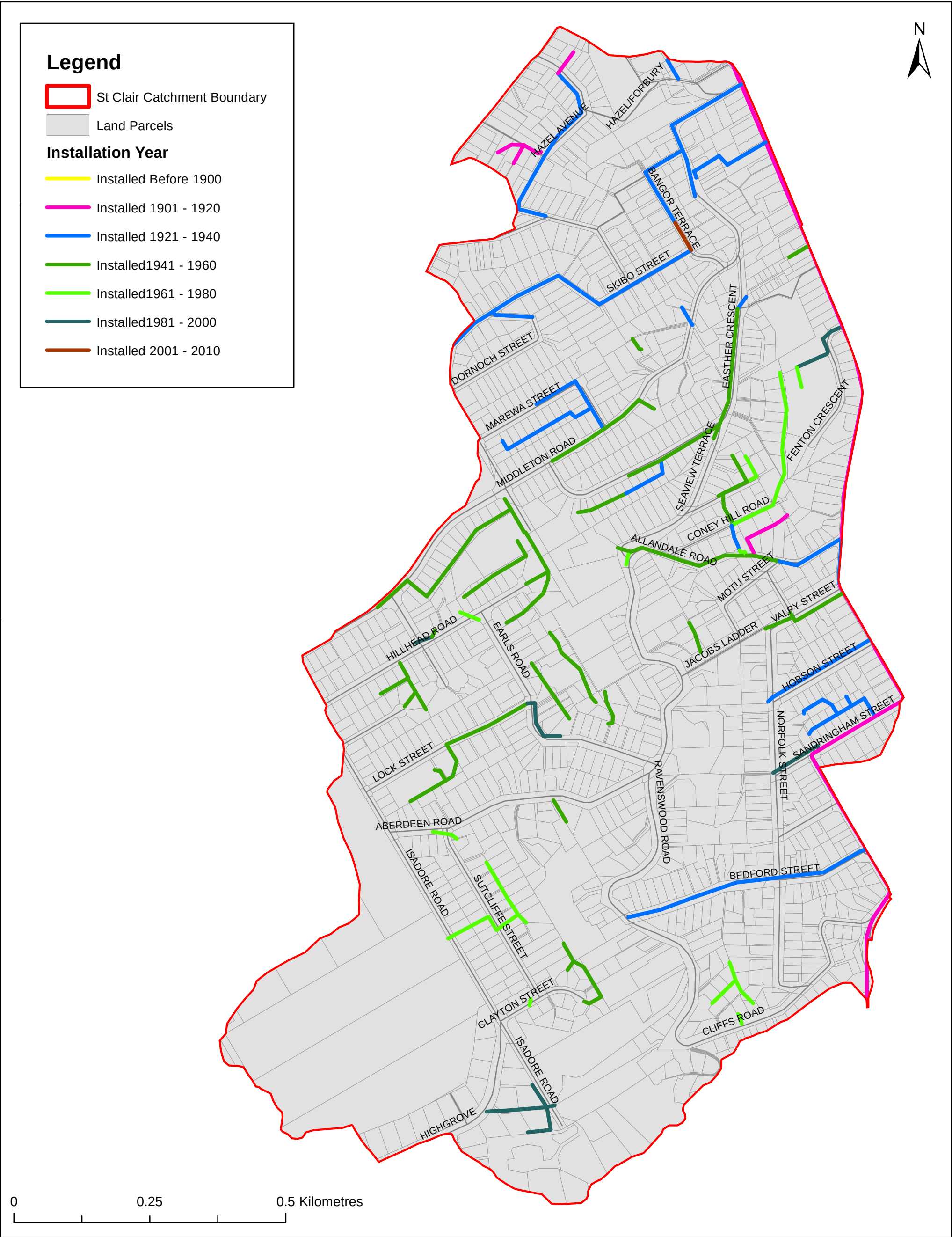
DISCIPLINE

Stormwater

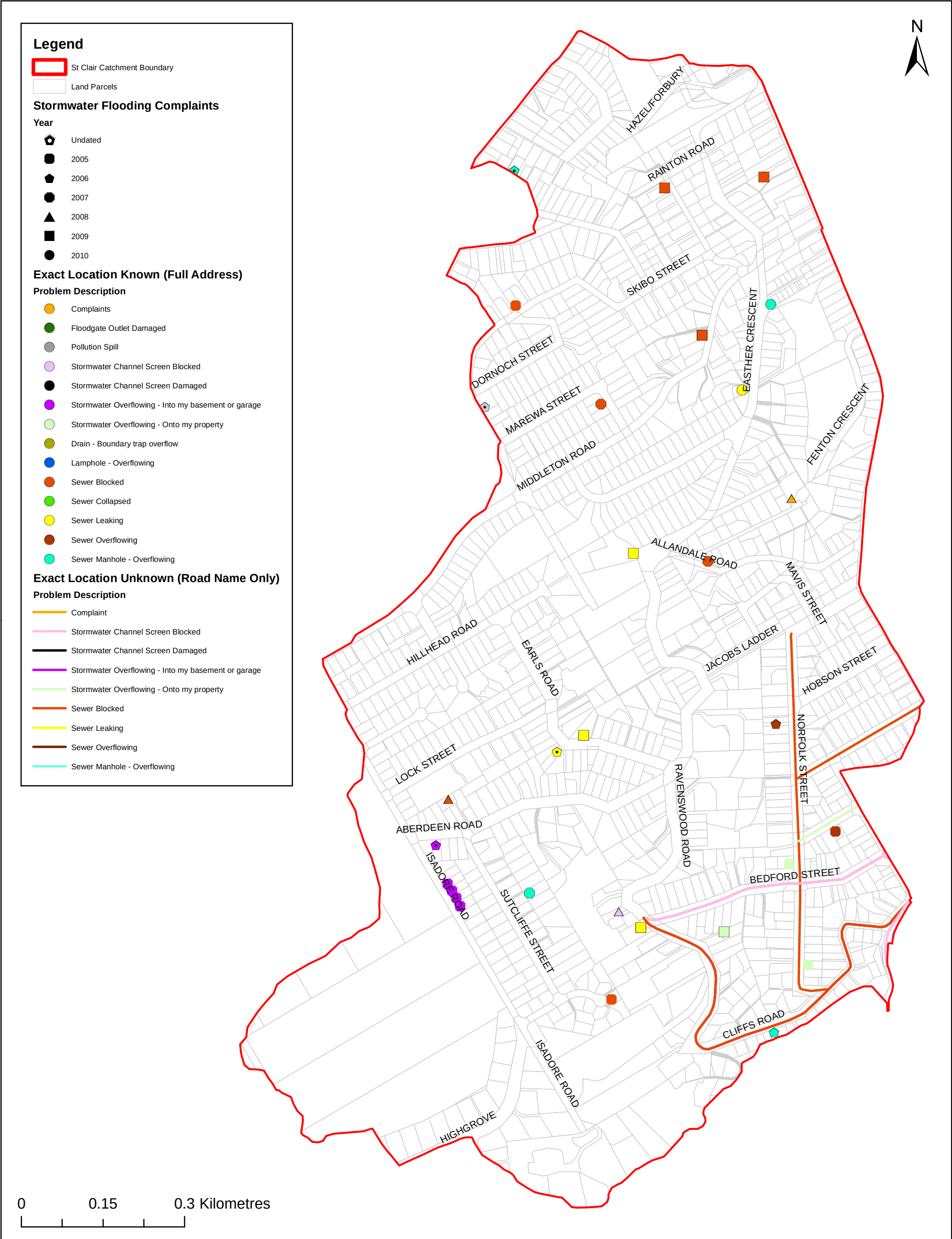
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Drawn By:	CO	Approved:	HS
Checked:	JH	Date:	Sep 2011
Job No:	42173227	Map No:	Figure 4-8
		Revision:	-



	Dunedin 3 Waters Strategy	ST CLAIR INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 4-10 St Clair Catchment Stormwater Drainage Network	DISCIPLINE Stormwater	Status: Final	
				Scale: 1:6,500	Plot Date: Sep 2011
				Drawn By: CO	Approved: HS
				Checked: JH	Date: Sep 2011
				Job No: 42173227	Map No: Figure 4-10
					Revision: -



DUNEDIN CITY COUNCIL Kaitiaki-a-Matua o Te Ohu o Tairāwhiti OPUS <td data-kind="parent" data-rs="6"> Dunedin 3 Waters Strategy </td> <td data-kind="parent" data-rs="6"> ST CLAIR INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 4-11 St Clair Catchment Pipe Network Ages </td> <td data-kind="parent" data-rs="6"> DISCIPLINE Stormwater </td> <td data-cs="3" data-kind="parent">Status: Final</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Dunedin 3 Waters Strategy	ST CLAIR INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 4-11 St Clair Catchment Pipe Network Ages	DISCIPLINE Stormwater	Status: Final		



Legend

- St Clair Catchment Boundary
- Land Parcels

Wastewater Complaints

Year

- 2006
- 2007
- 2008
- 2009
- 2010

Exact Location Known (Full Address)

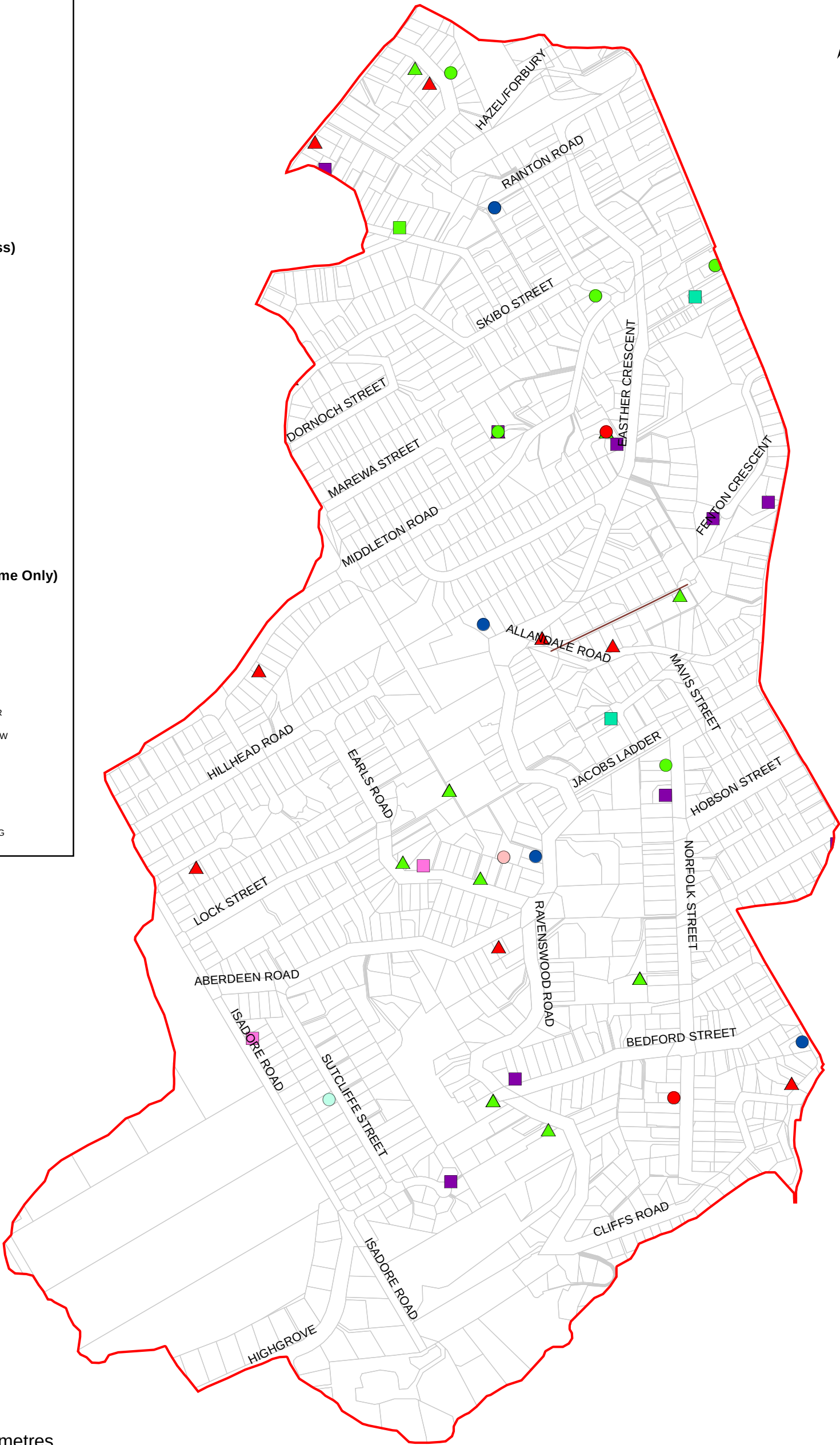
Problem Description

- Foul Drain - Boundary Trap Overflow
- Foul Sewer - Blocked
- Foul Sewer - Broken
- Foul Sewer - Collapsed
- Foul Sewer - Complaint - Service Other
- Foul Sewer - Drain Gully Trap Overflow
- Foul Sewer - Overflowing
- Foul Sewer - Problem, Other
- Foul Sewer - Lamphole Overflowing
- Foul Sewer - Manhole Overflowing
- Foul Sewer - Overflowing Inside My House
- Foul Sewer - Pump Station Overflowing

Exact Location Unknown (Road Name Only)

Problem Description

- FOUL DRAIN - BOUNDARY TRAP OVERFLOW
- FOUL SEWER - BLOCKED
- FOUL SEWER - BROKEN
- FOUL SEWER - COLLAPSED
- FOUL SEWER - COMPLAINT - SERVICE OTHER
- FOUL SEWER - DRAIN GULLY TRAP OVERFLOW
- FOUL SEWER - OVERFLOWING
- FOUL SEWER - PROBLEM OTHER
- FOUL SEWER MANHOLE - OVERFLOWING
- FOUL SEWER PUMP STATION - OVERFLOWING



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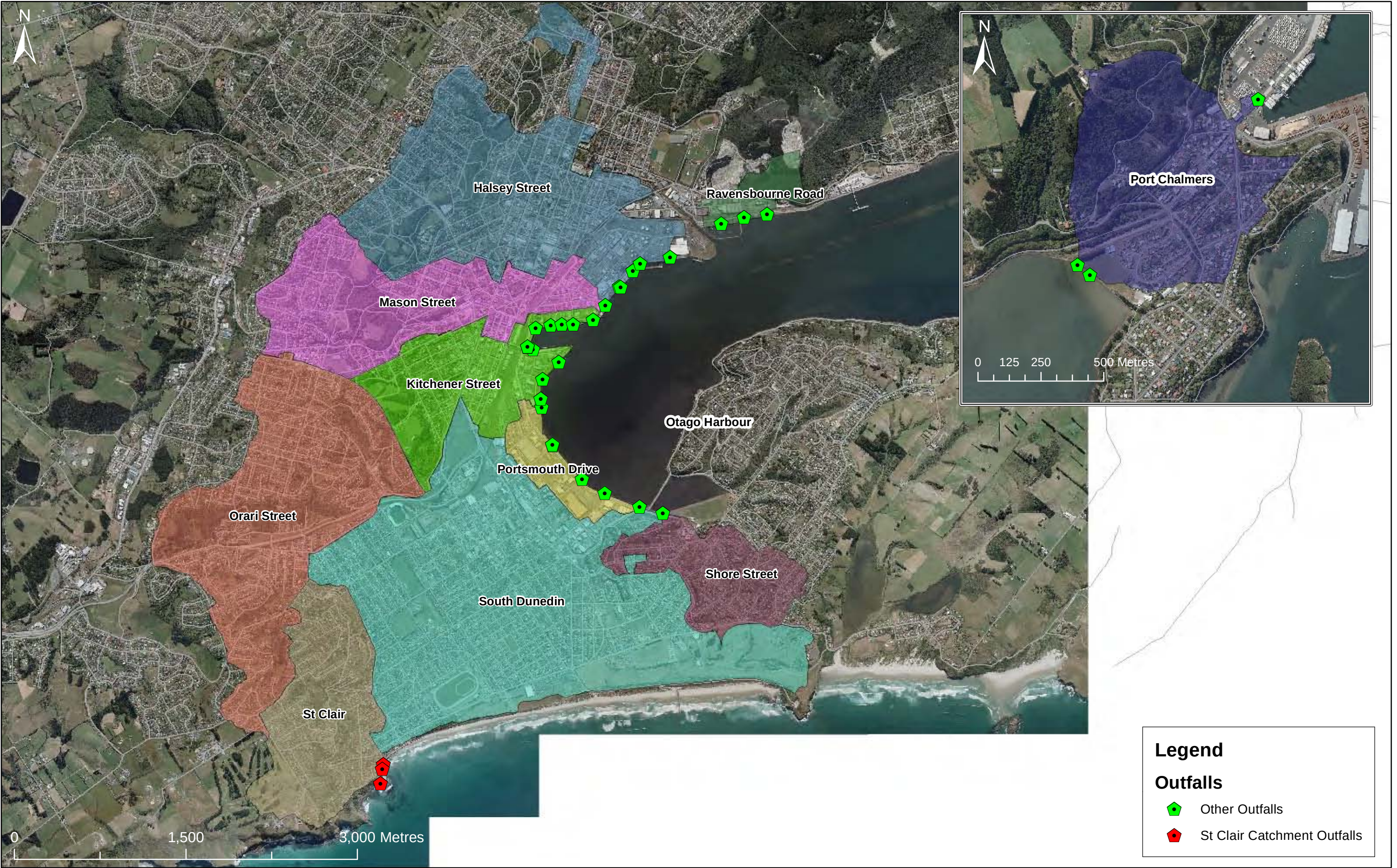
Figure 4-14

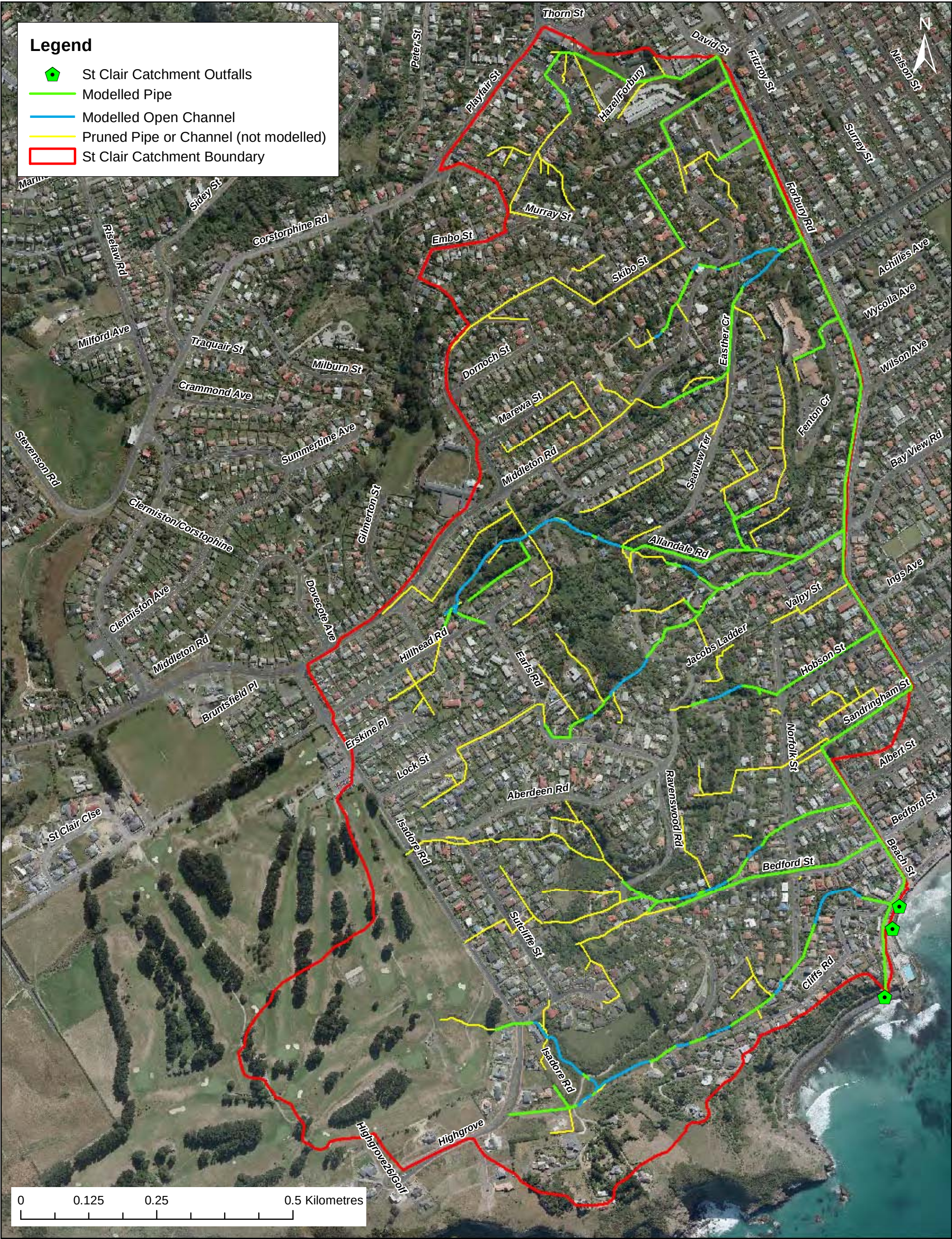
St Clair Catchment
Reported Wastewater Flooding

DISCIPLINE

Stormwater

Status:	Final		
Scale:	1:6,500	Plot Date:	Sep 2011
Drawn By:	CO	Approved:	HS
Checked:	JH	Date:	Sep 2011
Job No:	42173227	Map No:	Figure 4-14
		Revision:	-





 	Dunedin 3 Waters Strategy	ST CLAIR INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 7-1 St Clair Catchment Model Extent	DISCIPLINE Stormwater	Status: Final	
				Scale: 1:6,500	Plot Date: Sep 2011
				Drawn By: CO	Approved: HS
				Checked: JH	Date: Sep 2011
				Job No: 42173227	Map No: Figure 7-1
					Revision: -

