



Dunedin 3 Waters Strategy

Portsmouth Drive Integrated Catchment Management Plan

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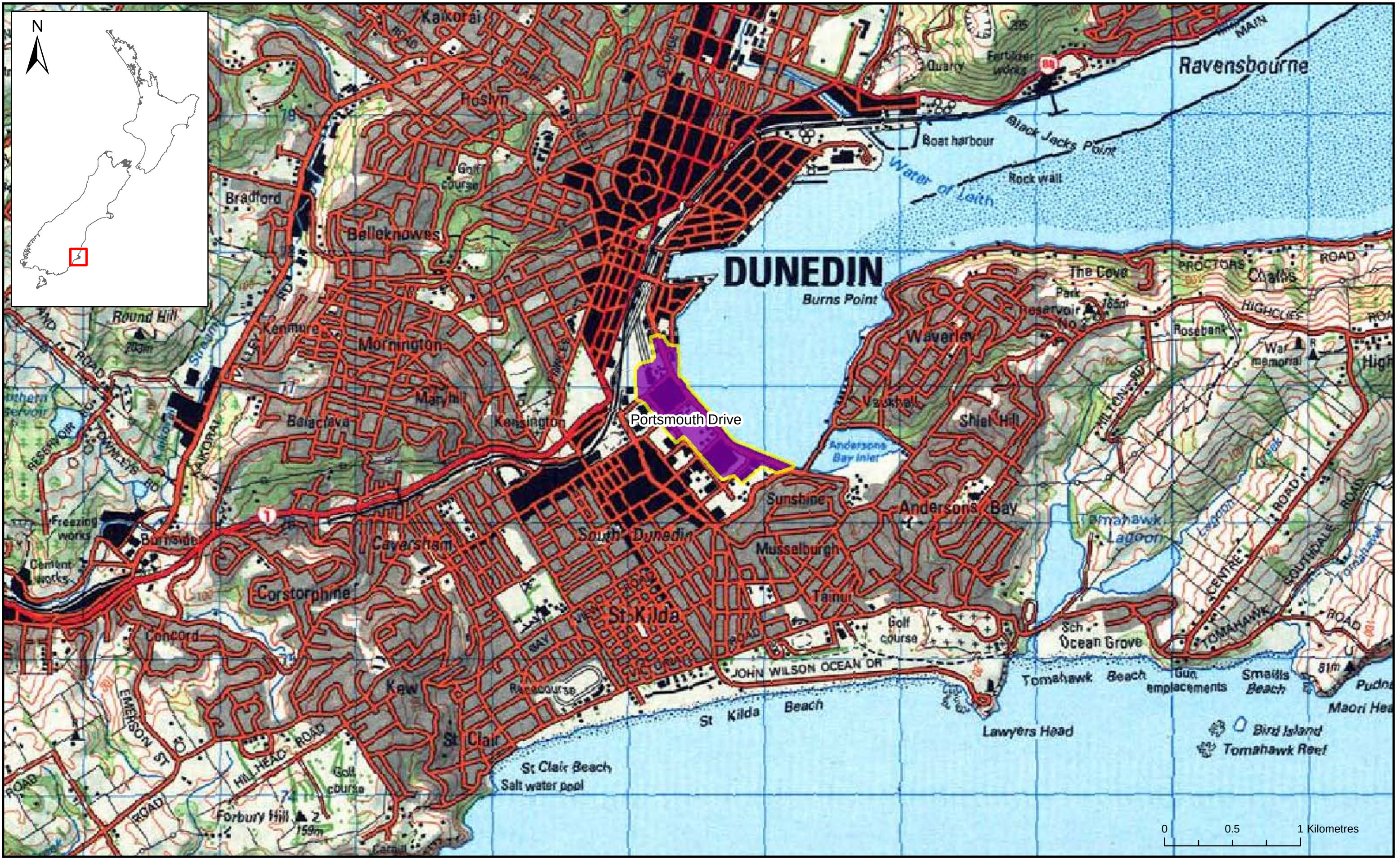
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PORTSMOUTH DRIVE INTEGRATED CATCHMENT MANAGEMENT PLAN

Figure 4-1

Portsmouth Drive Catchment Location

DISCIPLINE Stormwater	Drawn: MM	Status: Final		
	Checked: HES	Scale: 1:25,000	Plot Date: Sep 2011	
	Approved: SDH	Job. No: 42173227	Map No: Figure 4-1	Revision: -
	Date: Sep 2011			







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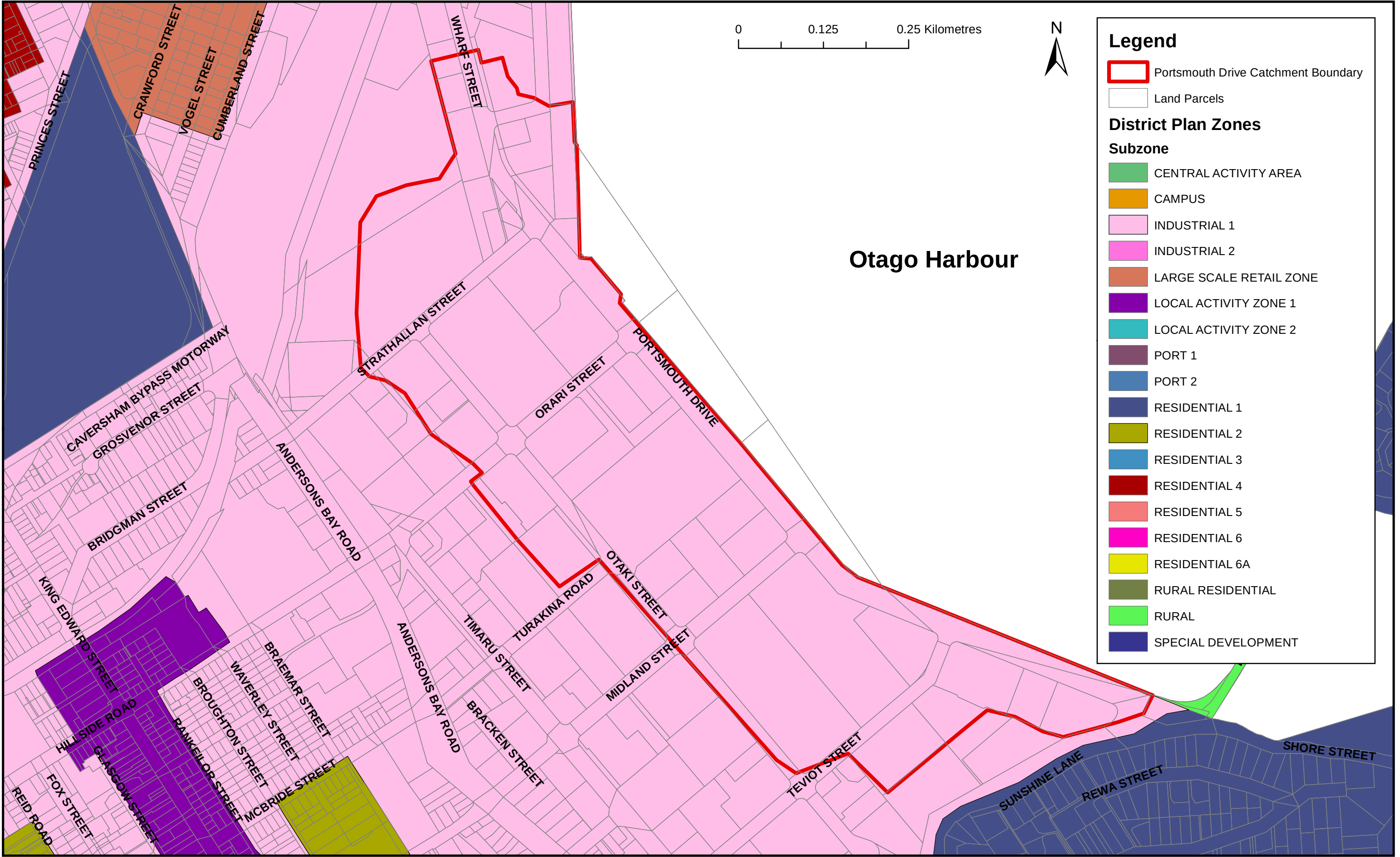
Figure 4-2

Portsmouth Drive Catchment Geology Map

DISCIPLINE

Stormwater

Drawn:	KC	Status:	Final	
Checked:	HES	Scale:	1:5,000	Plot Date: Sep 2011
Approved:	SDH	Job. No:	42173227	Map No:
Date:	Sep 2011			Revision: -



0 0.125 0.25 Kilometres



Legend

Portsmouth Drive 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



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PORTSMOUTH DRIVE INTEGRATED CATCHMENT MANAGEMENT PLAN

Figure 4-4

Portsmouth Drive Catchment Land Use Zones

DISCIPLINE

Stormwater

Drawn:	KC	Status:	Final		
Checked:	HES	Scale:	1:5,000	Plot Date:	Sep 2011
Approved:	SDH	Job. No:	42173227	Map No:	Figure 4-4
Date:	Sep 2011			Revision:	-



Legend

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

0 0.2 0.4 Kilometres



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PORTSMOUTH DRIVE INTEGRATED CATCHMENT MANAGEMENT PLAN

Figure 4-5
Portsmouth Drive Catchment Recent Consents and Designations

DISCIPLINE
Stormwater

Drawn:	KC	Status:	Final	
Checked:	HES	Scale:	1:5,000	Plot Date: Sep 2011
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Date:	Sep 2011			Revision: -



Legend

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



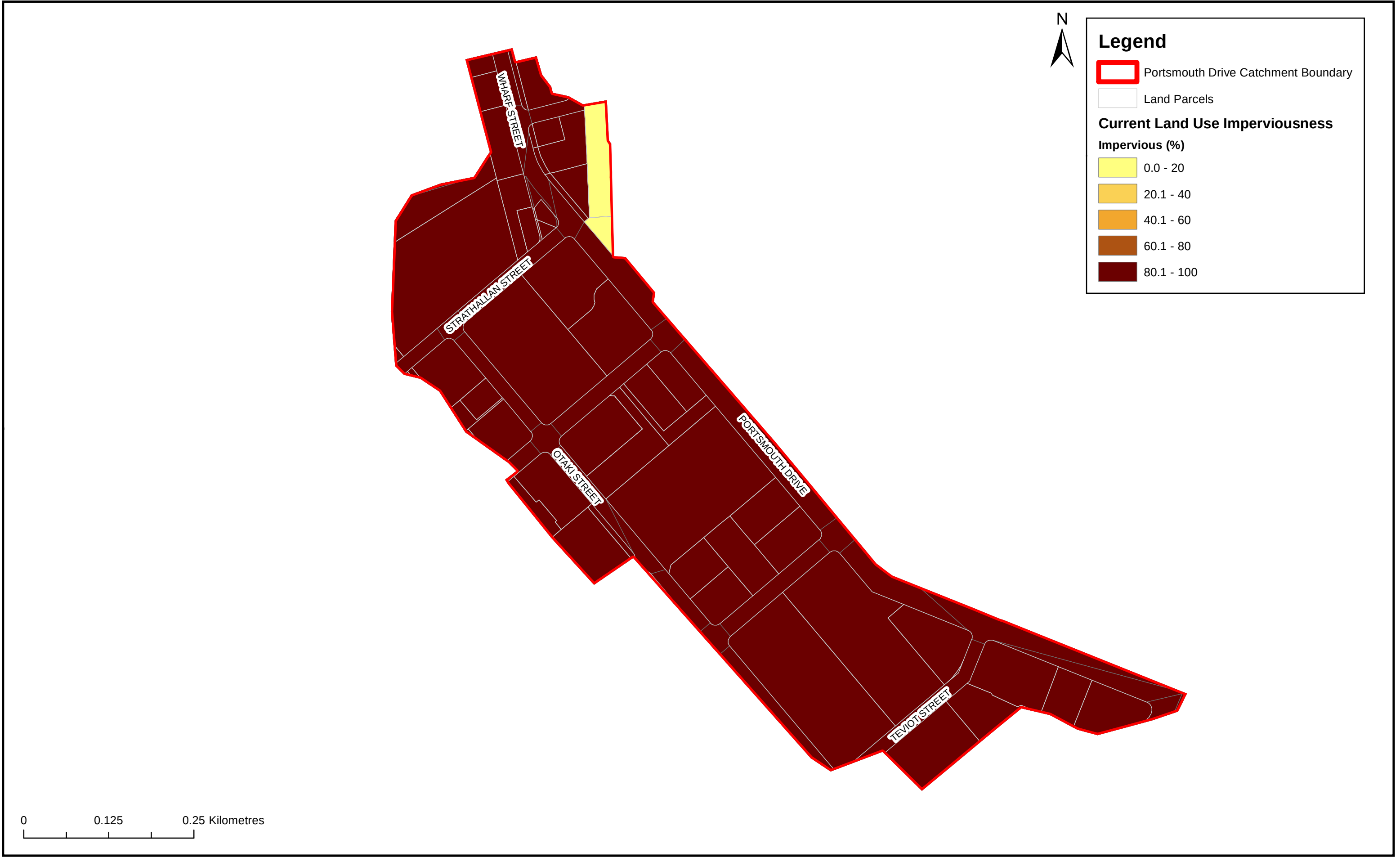
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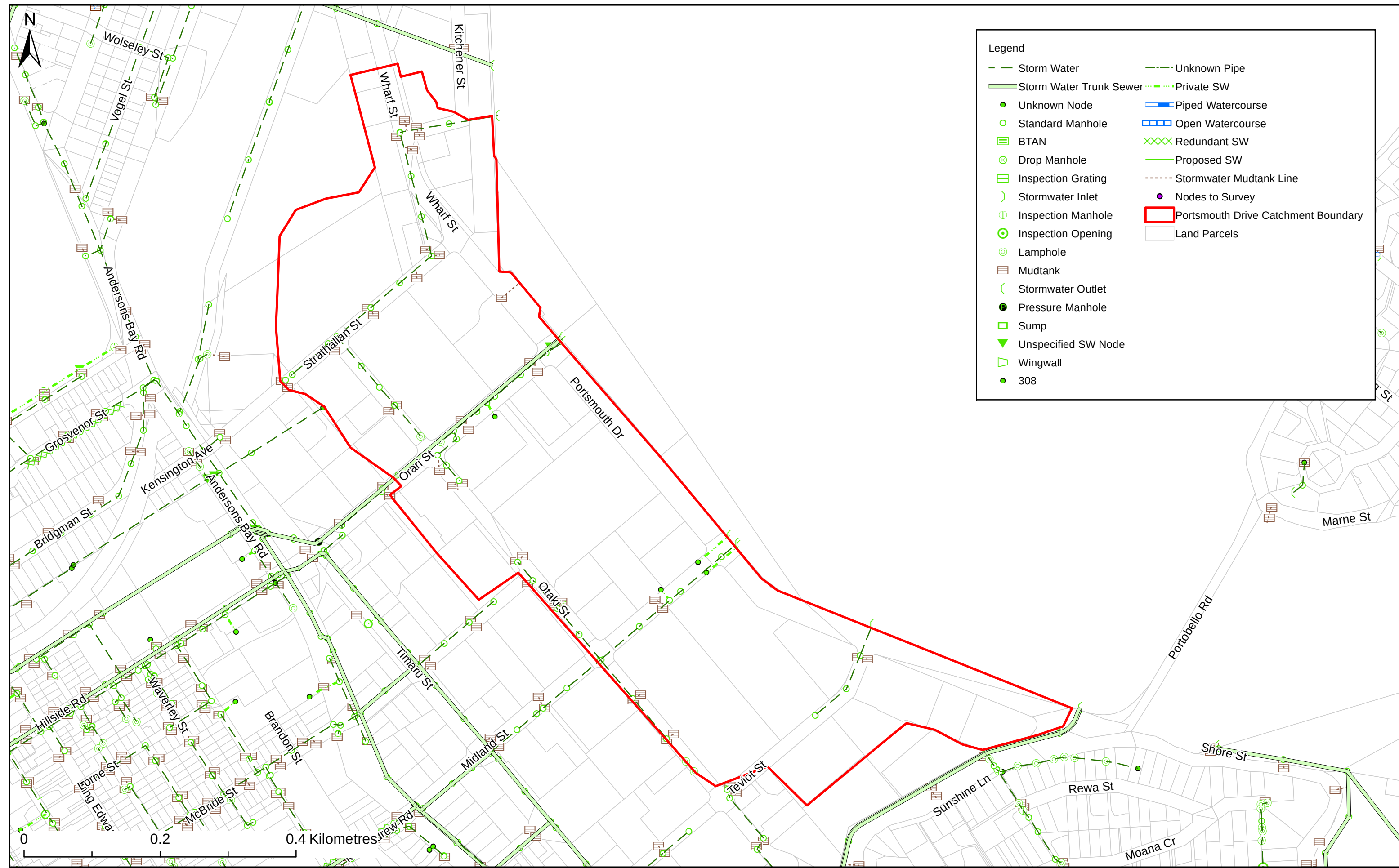
PORTSMOUTH DRIVE INTEGRATED CATCHMENT MANAGEMENT PLAN

FIGURE 4-6
CONTAMINATED LAND SITES WITHIN THE CATCHMENT

Discipline:
Stormwater

DESIGNED BY	MG	STATUS	Final	
CHECKED	LB	SCALE	NTS	PLOT DATE November 10
APPROVED	HS	JOB NO.	3-d1040.07	DRAWN BY
DATE	November 10			REVISION





Legend

Storm Water	Unknown Pipe
Storm Water Trunk Sewer	Private SW
Unknown Node	Piped Watercourse
Standard Manhole	Open Watercourse
BTAN	Redundant SW
Drop Manhole	Proposed SW
Inspection Grating	Stormwater Mudtank Line
Stormwater Inlet	Nodes to Survey
Inspection Manhole	Portsmouth Drive Catchment Boundary
Inspection Opening	Land Parcels
Lamphole	
Mudtank	
Stormwater Outlet	
Pressure Manhole	
Sump	
Unspecified SW Node	
Wingwall	
308	





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

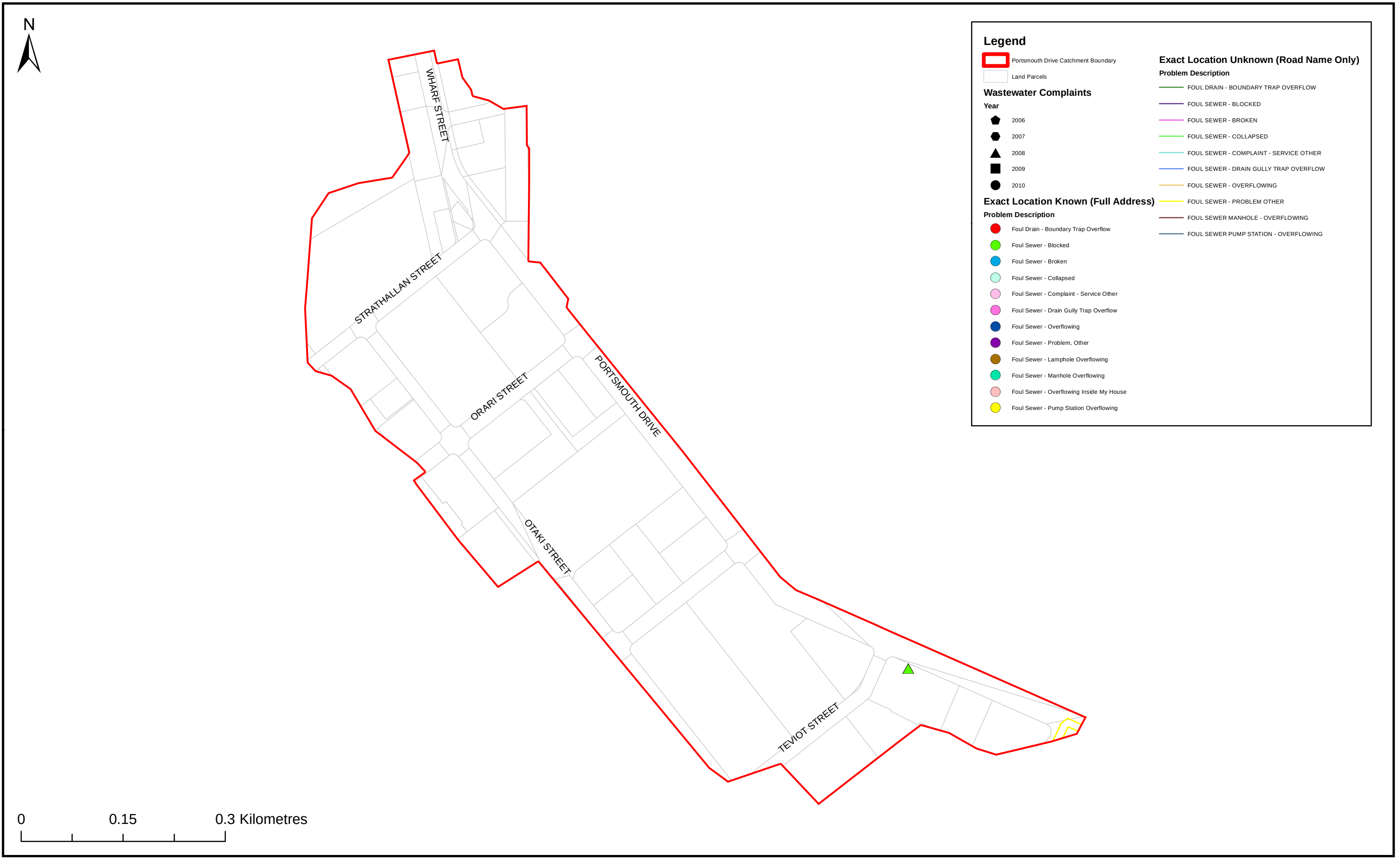
Portsmouth Drive Catchment Boundary

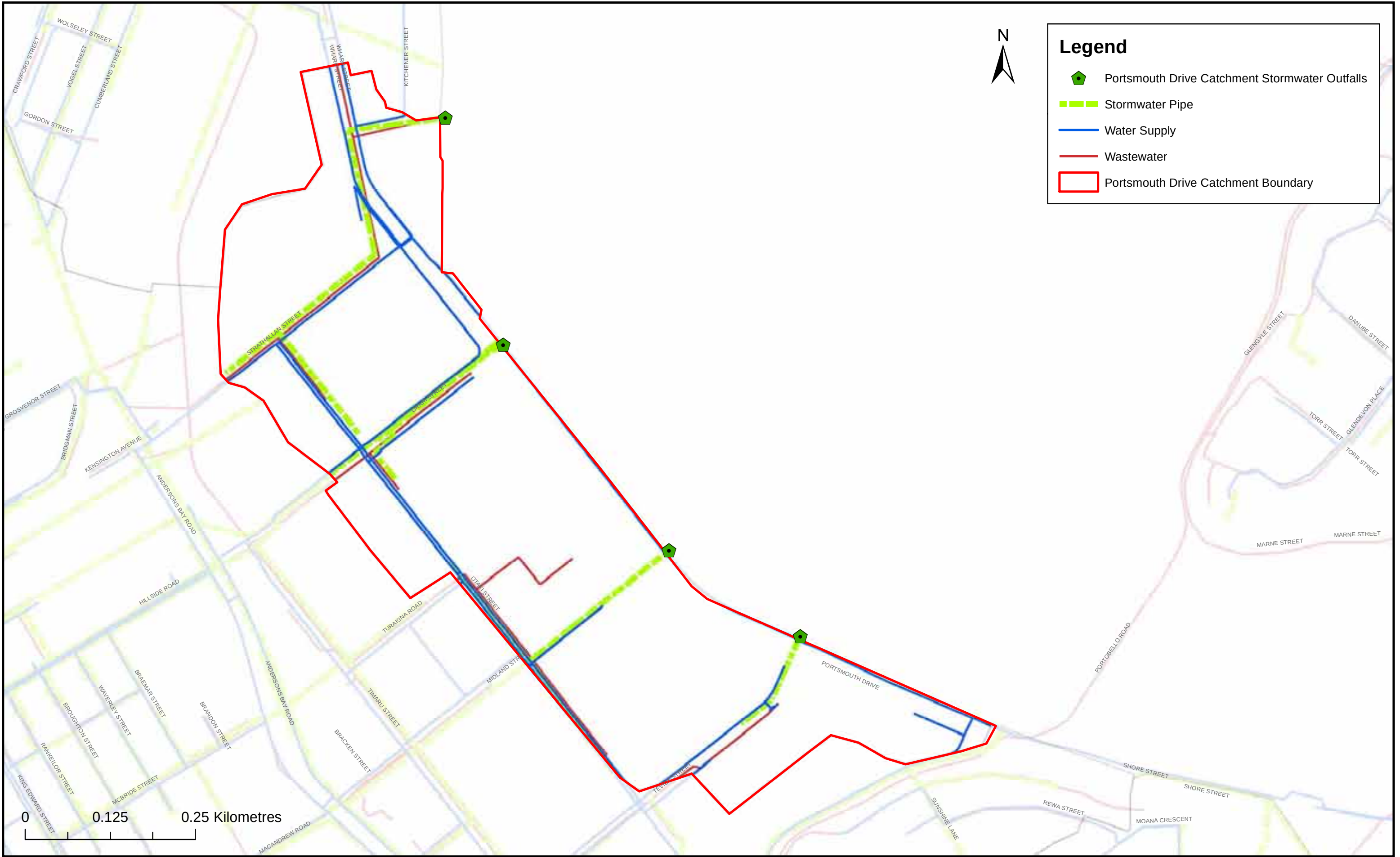


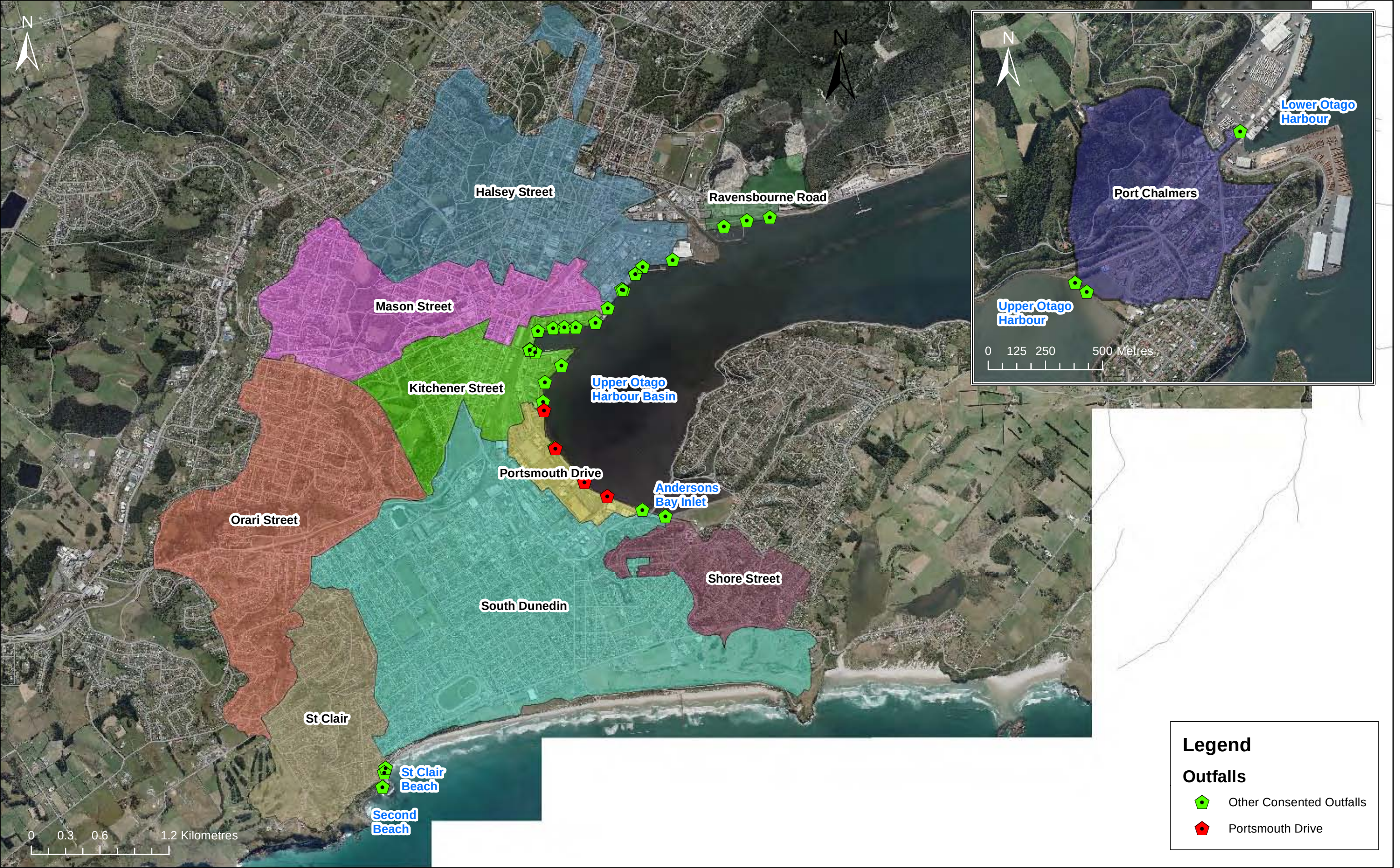
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 DUNEDIN CITY COUNCIL  OPUS  URS Engineering Architecture Planning Environment Infrastructure Phone: 03 478 9999 Fax: 03 478 9999 Dunedin 3 Waters Strategy	PORTSMOUTH DRIVE INTEGRATED CATCHMENT MANAGEMENT PLAN Figure 4-11 Portsmouth Drive Catchment Stormwater Network Criticality	DISCIPLINE Stormwater	<table><tr><td>Drawn:</td><td>SEW</td><td colspan="3">Status: Final</td></tr><tr><td>Checked:</td><td>HS</td><td>Scale: 1:5,000</td><td colspan="2">Plot Date: Sep 2011</td></tr><tr><td>Approved:</td><td>SDH</td><td>Job. No:</td><td>Map No:</td><td>Revision:</td></tr><tr><td>Date:</td><td>Sep 2011</td><td>42173227</td><td>Figure 4-11</td><td>A</td></tr></table>	Drawn:	SEW	Status: Final			Checked:	HS	Scale: 1:5,000	Plot Date: Sep 2011		Approved:	SDH	Job. No:	Map No:	Revision:	Date:	Sep 2011	42173227	Figure 4-11	A
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Date:	Sep 2011	42173227	Figure 4-11	A																			



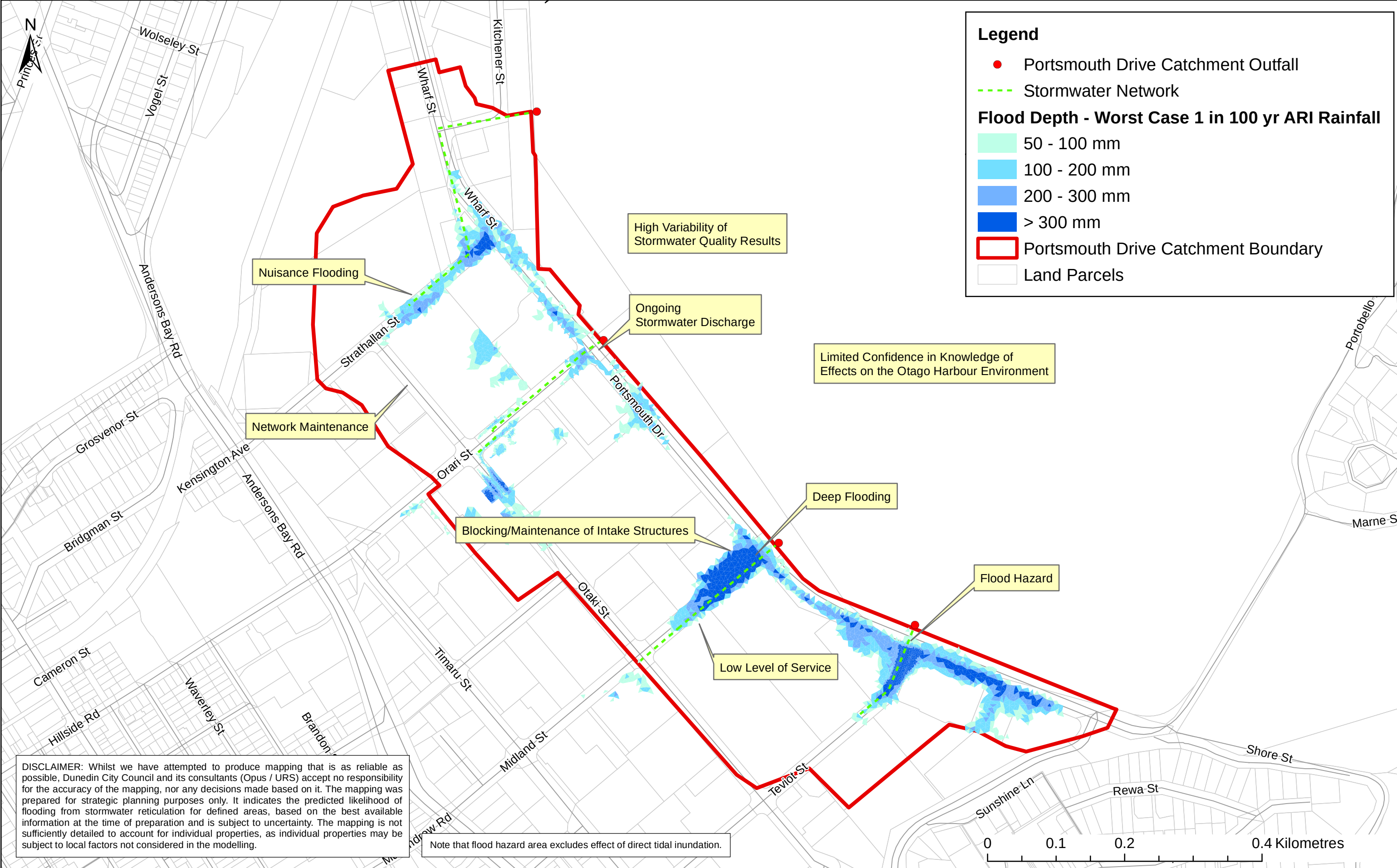






   OPUS CONSULTING LTD 100-102, The Arcade, Dunedin New Zealand Tel: 03 478 0000 Fax: 03 478 0001 Email: info@opus.co.nz	Dunedin 3 Waters Strategy	PORTSMOUTH DRIVE INTEGRATED CATCHMENT MANAGEMENT PLAN	DISCIPLINE Stormwater	Drawn: MM	Status: Final		
		Figure 5-1		Checked: HES	Scale: 1:30,000	Plot Date: Sep 2011	
		Portsmouth Drive Catchment Marine Receiving Environment		Approved: HES	Job. No: 42173227	Map No: Figure 5-1	Revision: -
				Date: Sep 2011			





   URS Water Department Environmental Group 277 Great South Road, Christchurch Phone: 03 350 0000 Fax: 03 350 0001	Dunedin 3 Waters Strategy	PORTSMOUTH DRIVE INTEGRATED CATCHMENT MANAGEMENT PLAN		DISCIPLINE Stormwater	Drawn: MM	Status: Final	
		Figure 9-1 Portsmouth Drive Catchment Issues	Checked: HES		Scale: 1:5,000	Plot Date: Sep 2011	
			Approved: SDH		Job. No: 42173227	Map No:	Revision:
			Date: Sep 2011			Figure 9-1	B