

Using GIS “Internally” - Intranet tools within a Local Government context

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City of Ryde

**Presentation to SCCG/SSSI Forum
9th December 2009**



Outline

- Introduction to City of Ryde
- Local Government context
- City of Ryde Business Challenges
- Our Business Strategy
- Business Solution
- Questions and Feedback





City of Ryde looking SE towards Sydney CBD





Meadowbank, Parramatta River





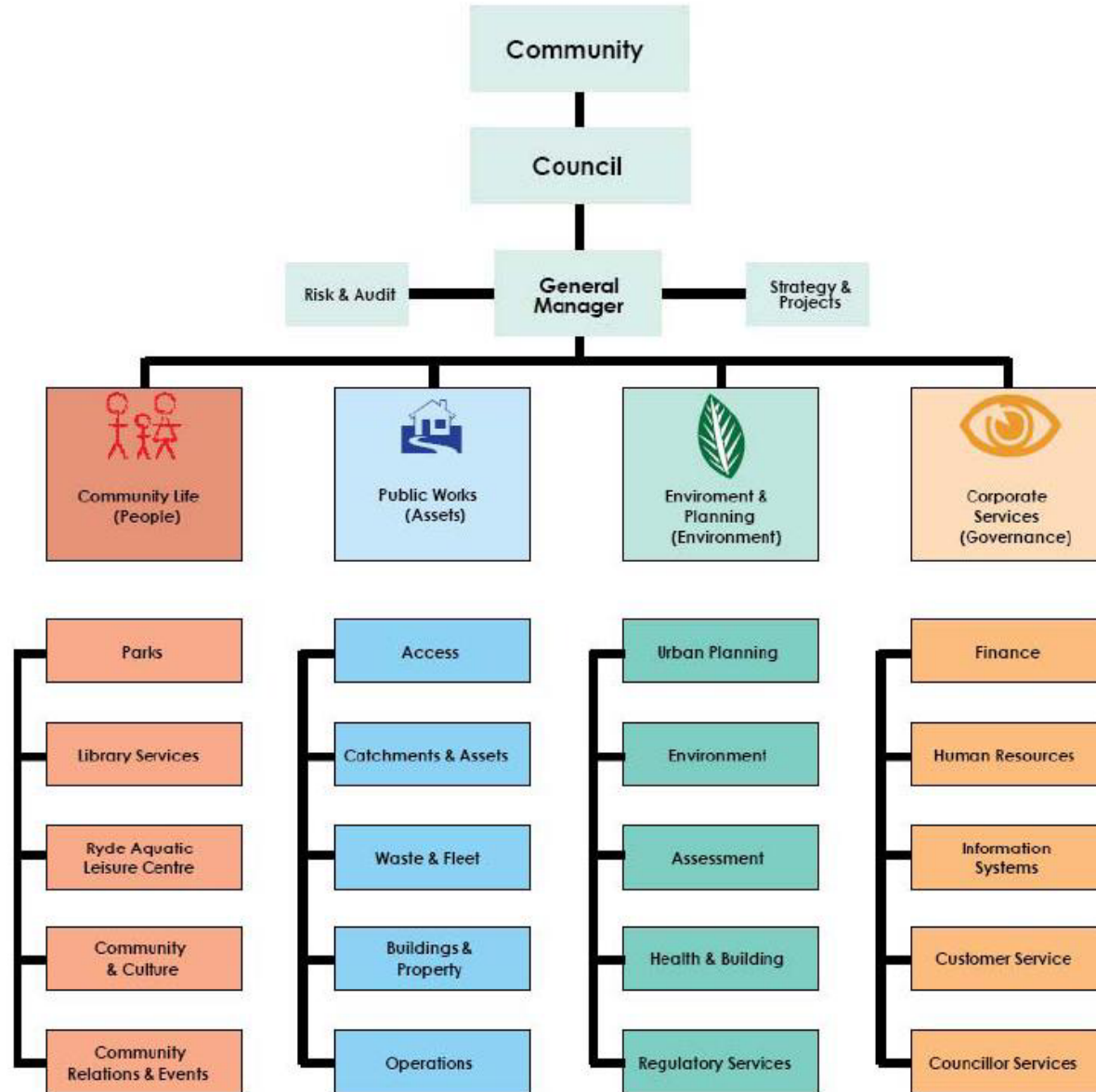
- 12 km NW from the Sydney CBD
- 103,600 residents in 40 sq km area
- On western boundary of SCCG



City of Ryde Business Challenges

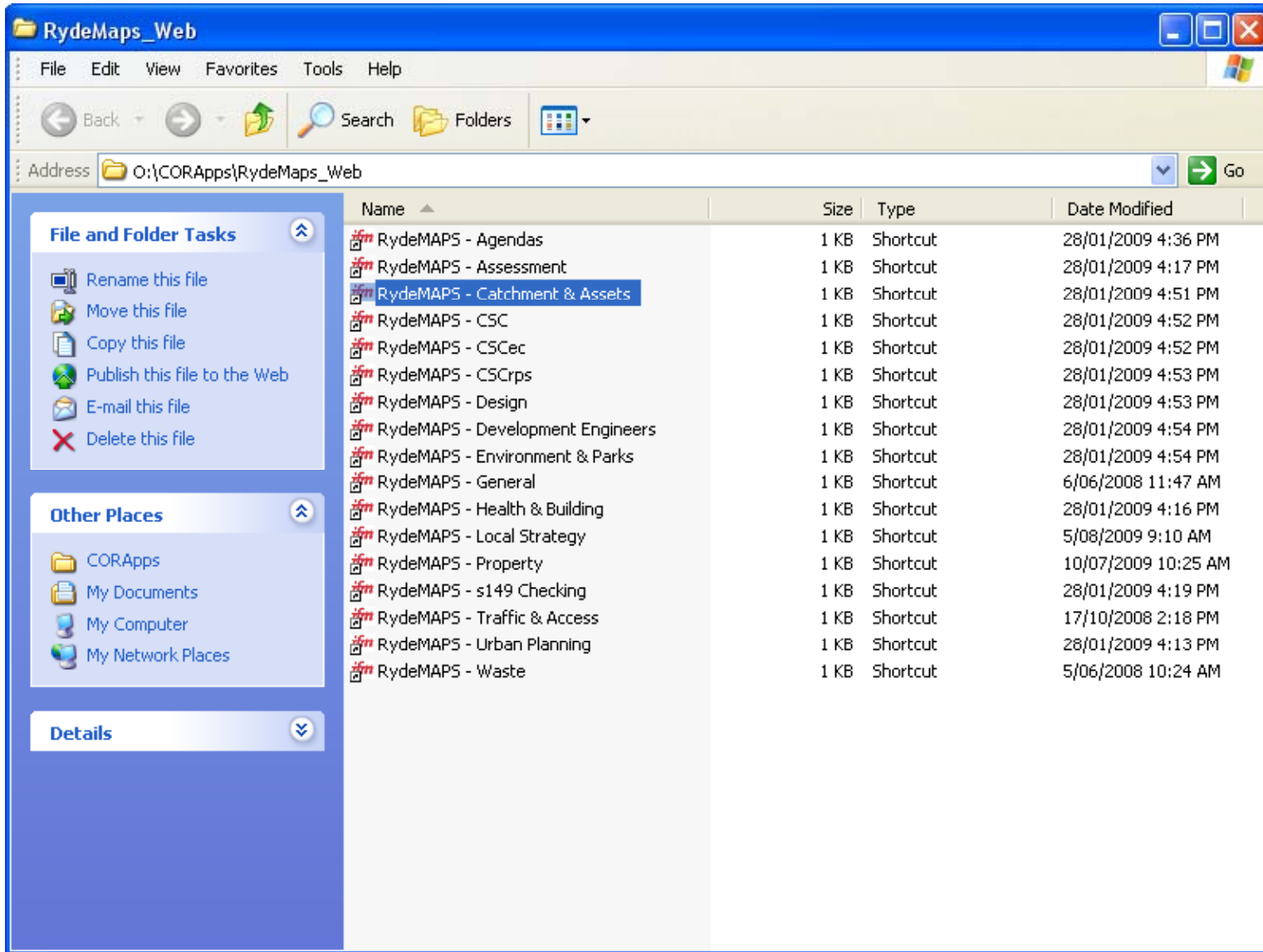
- 10 years of GIS spatial data on network
- Limited data inventory or metadata
- Loss of corporate memory within section
- Single, legacy desktop GIS Enquiry app
- Difficult, time-consuming to rollout updates
- Plateau of GIS uptake and regular usage





City of Ryde Organisational Structure





RydeMaps Enquiry intranet application
 – Catchments & Assets view



City of Ryde Business Strategy

- Replace current software with web solution
- Identify inventory/metadata creation solution
- Review/adopt a spatial metadata standard
- Identify core GIS datasets and users for pilot
- Complete pilot and make recommendations
- Design/implement in-house training course



The screenshot displays the City of Ryde Enquiry intranet application within an Internet Explorer browser window. The main map area shows a detailed view of Ryde, including the Parramatta River, Landing Point Bay, and various residential and commercial zones. The map is overlaid with property boundaries and zoning information. A legend on the left side of the map lists various overlays such as Air Photos, Waterways, Zoning RPS, ZONING TBA, and Environmental Constraints. A 'Key Map' inset in the bottom left corner provides a broader geographical context of the city. At the bottom of the application, an 'Item List' table is visible, containing columns for property details.

Description	property_no	assessment_no	owners	postal_address	additional_description	Property_Address	Land Address	Land Address_nd	Expr1	Property_Status	LegalDesc	property_type_desc
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At the bottom of the application, the following information is displayed: 7583, 324651,6255112, Property Boundaries, and Property Address.

City of Ryde Enquiry intranet application



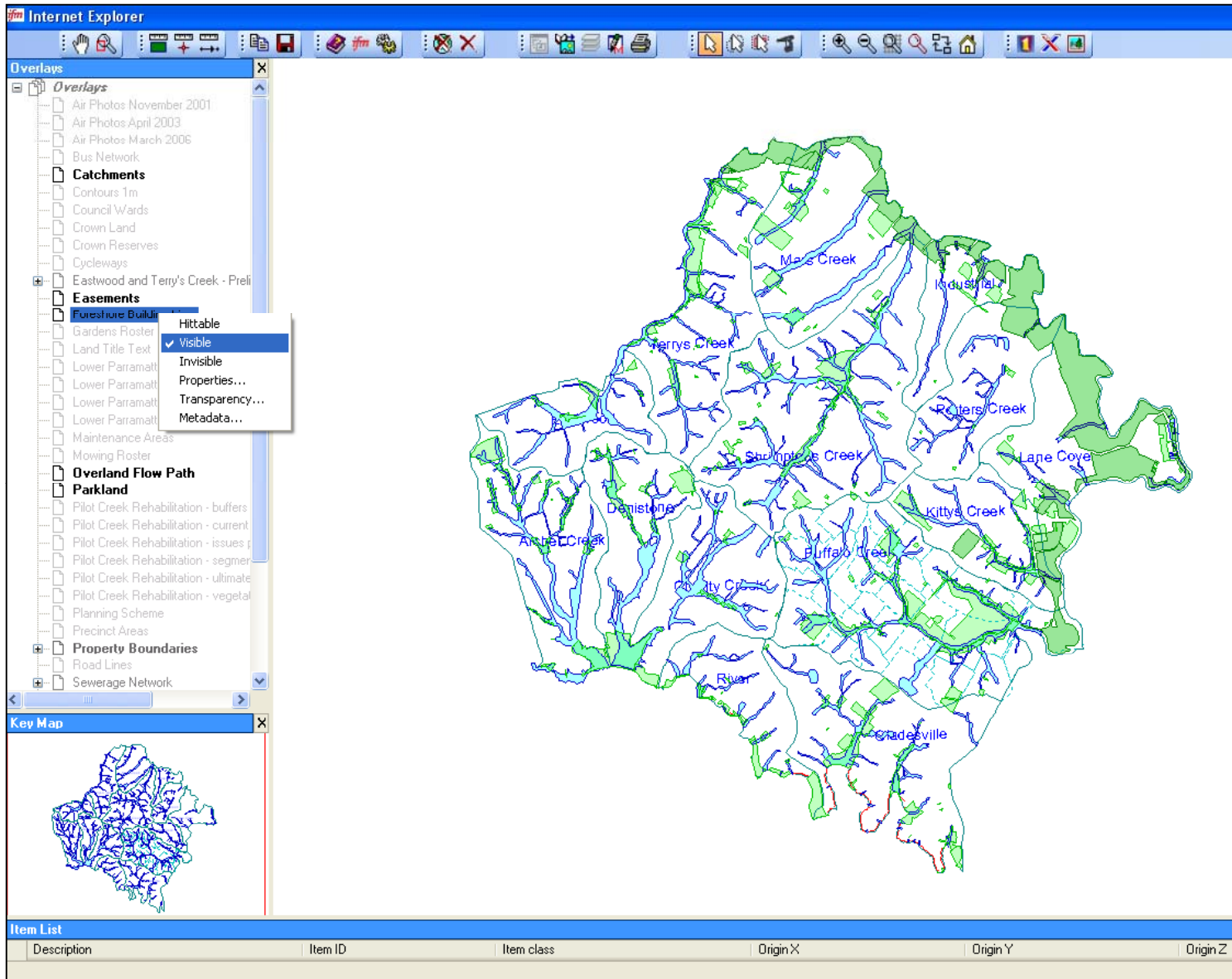
City of Ryde Business Solution

- Cadcorp's GeognoSIS web services
- Different configuration for each business unit
- IFM Metadata application – creates & search
- ANZLIC Metadata Profile v1.1
based on AS/NZS ISO19115. 2005
- Pilot 20 datasets and 3 business units
- Monthly training in T1 Property & RydeMAPS



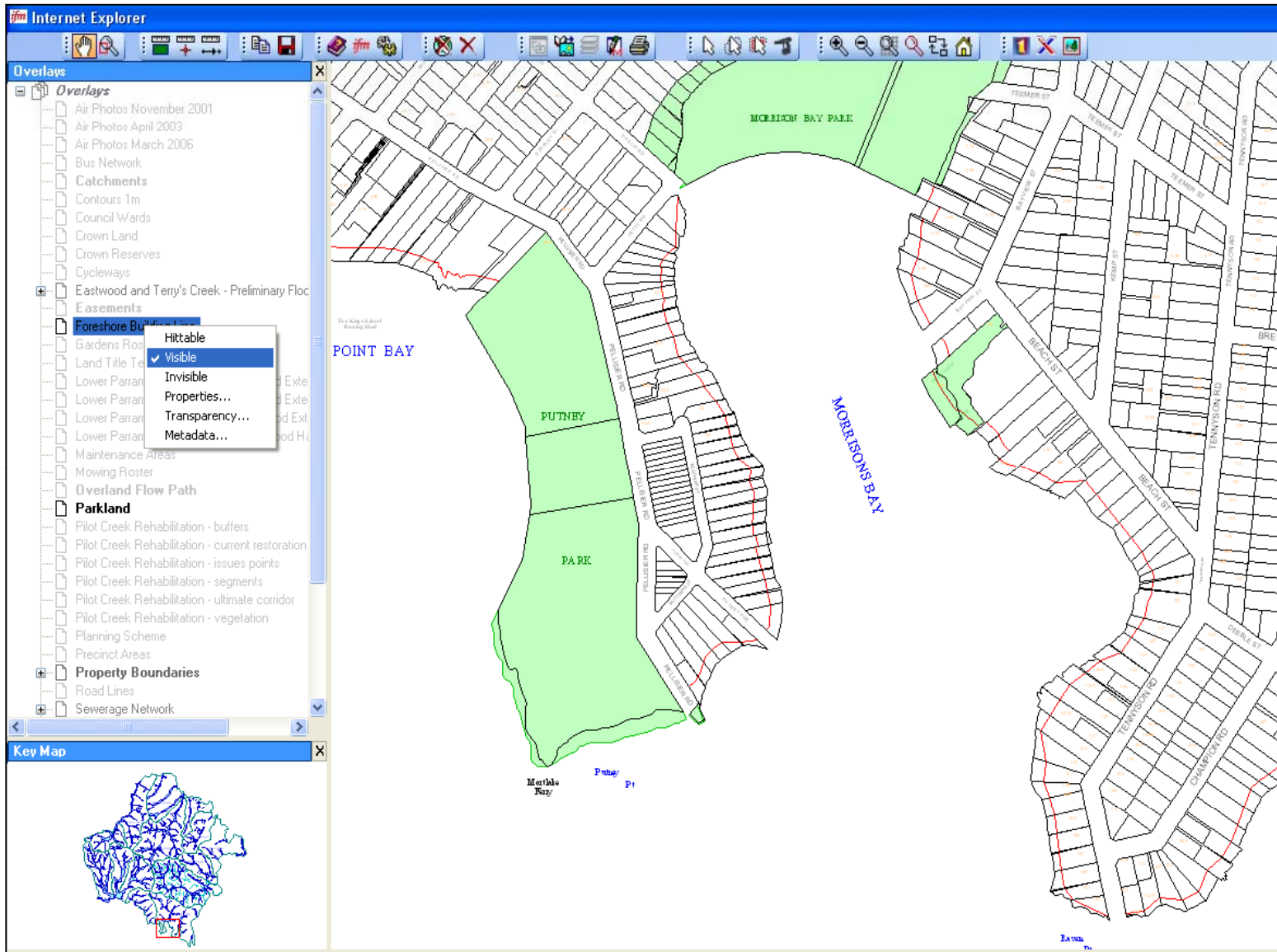
ANZLIC
the Spatial Information Council





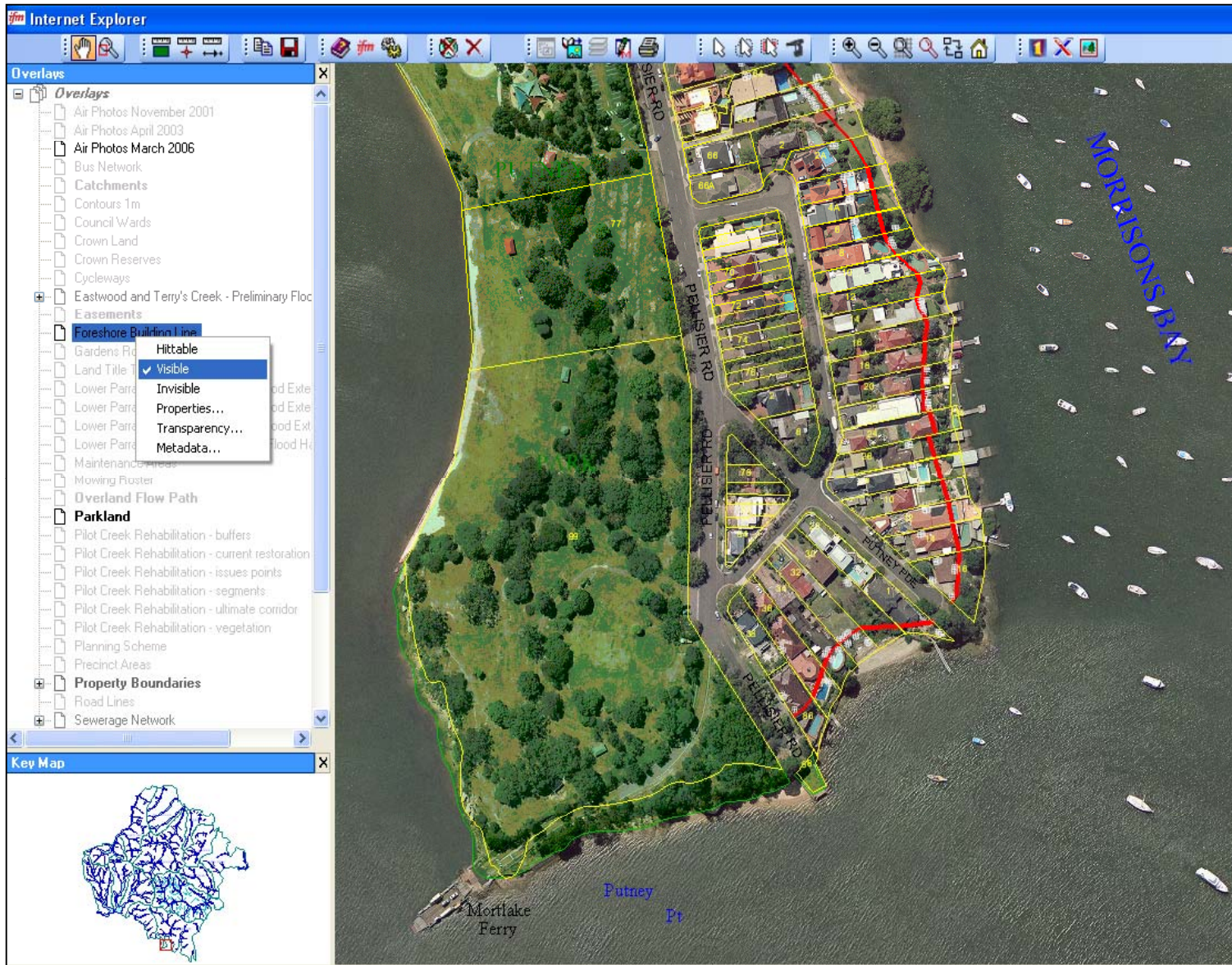
RydeMaps Enquiry intranet application
– Foreshore Building Line selected





RydeMaps Enquiry intranet application
– Foreshore Building Line selected





RydeMaps Enquiry intranet application
– Foreshore Building Line selected





IFM Metadata Tool



IFM Metadata - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://corcad01/ifmmetadata/default.aspx?> Go

Back Search Edit XML Print LogOut Help *ifm*

ID: 3014

File Name: lep 2008 foreshore building line

Folder: \\corfs01\gisdata\thematic\planning\lep 2008\wec

File Type: bds

File Size: 58849

File Modified: 9/05/2007 2:23:00 PM

Description: This is a static dataset of the foreshore building line, as defined in the City of Ryde Local Environment Plan (LEP) 2008. The foreshore area means the land between the foreshore building line shown on the Foreshore Building Line Map and the mean high water mark of the nearest bay or river. It was captured at a scale of 1: 10 000 and is maintained by Council's Strategic Planning division.

Description2: n/a

Description3: n/a

Description4: n/a

Access_Constraints: This data is restricted to internal Council use only.

Contact_Person: City of Ryde - Manager, Strategic Planning

CONTACTPOSITION: Manager - Strategic Planning

Dataset_Category: boundaries

Creation_Date: 2008

METADATADATE: 4/12/2009

Trusted sites

Metadata for Foreshore Building Line





Ryde LEP 2008 Foreshore Building Line Map

http://www.ryde.nsw.gov.au/development/controls_exhib/draftlep_docmaps.htm



IFM Metadata - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Links Civic iPrint Intranet Works iPrint

Address <http://corcad01/ifmmetadata/default.aspx?> Go

Back Results LogOut Help

ID:	<input type="checkbox"/>	<input type="text"/>
File Name:	<input type="checkbox"/>	<input type="text" value="stormwater"/>
File Type:	<input type="checkbox"/>	<input type="text"/>
File Size:	<input type="checkbox"/>	<input type="text"/>
File Modified:	<input type="checkbox"/>	<input type="text"/>
Scale:	<input type="checkbox"/>	<input type="text"/>
Projection:	<input type="checkbox"/>	<input type="text"/>
Description:	<input type="checkbox"/>	<input type="text"/>
Description2:	<input type="checkbox"/>	<input type="text"/>
Description3:	<input type="checkbox"/>	<input type="text"/>
Description4:	<input type="checkbox"/>	<input type="text"/>
Access_Constraints:	<input type="checkbox"/>	<input type="text"/>
Contact_Person:	<input type="checkbox"/>	<input type="text"/>
CONTACTPOSITION:	<input type="checkbox"/>	<input type="text"/>
Dataset_Category:	<input type="checkbox"/>	<input type="text"/>
Creation_Date:	<input type="checkbox"/>	<input type="text"/>
METADATADATE:	<input type="checkbox"/>	<input type="text"/>

IFM Metadata Tool – Search Options



IFM Metadata - Microsoft Internet Explorer

Address: http://corcad01/ifmmetadata/default.aspx?

Back Search Print LogOut Help ifm

ID	File Name	Folder	File Type	File Size	Scale
2245	fiveways - expanded area stormwater	\\corfs01\gisdata\thematic\neighbourhood centres\fiveways	bds	234996	5000
2257	expanded area stormwater	\\corfs01\gisdata\thematic\neighbourhood centres\midway	bds	276451	5000
2266	putney - stormwater network	\\corfs01\gisdata\thematic\neighbourhood centres\putney	bds	91609	5000
2278	extended area stormwater	\\corfs01\gisdata\thematic\neighbourhood centres\trafalgar place	bds	145730	5000
2233	coxs rd - expanded area - stormwater network	\\corfs01\gisdata\thematic\neighbourhood centres\coxs road	bds	176233	5000
2175	expanded area stormwater network	\\corfs01\gisdata\thematic\neighbourhood centres\1-8 sager place east ryde	bds	100709	5000
2185	expanded area - stormwater network	\\corfs01\gisdata\thematic\neighbourhood centres\31-39a cobham ave melrose park	bds	189430	5000
1405	stormwater drainage contribution areas	\\corfs01\gisdata\thematic\hydrology\vec	bds	2788	10000
1406	stormwater osd	\\corfs01\gisdata\thematic\hydrology\vec	bds	168096	10000
2167	expanded area stormwater network	\\corfs01\gisdata\thematic\neighbourhood centres\15-21 allars road denistone west	bds	87613	5000
2196	extended area stormwater network	\\corfs01\gisdata\thematic\neighbourhood centres\819-823 victoria road ryde	bds	203963	5000
2205	balaclava rd - expanded area stormwater network	\\corfs01\gisdata\thematic\neighbourhood centres\balaclava road	bds	102376	5000
2215	blenheim rd - expanded area stormwater	\\corfs01\gisdata\thematic\neighbourhood centres\blenheim road	bds	88095	5000
2223	boronia park - expanded area stormwater	\\corfs01\gisdata\thematic\neighbourhood centres\boronia park	bds	41099	5000

IFM Metadata Tool – Search Results



Questions and Feedback

Thank you

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