



City of Burnaby

WEB GIS Presentation

URISA BC Seminar

Nov 26, 2002

City of Burnaby

Brian Sameshima

Chief Information Officer



Agenda

- Overview
- Objectives
- Project Phases
- Futures
- Demonstration



Project Overview

- Phase 1: “Proof of Concept”
- Phase 2: City Wide rollout
- Phase 3: Internet rollout



Project Objectives

- Cost effective, Web browser access
- Phased development



Project Phase 1

- Dec 2000
- Build a link between mapping & property
- Synchronize mapping & property link
- Web GIS technology



Project Phase 2

- Dec 2001
- Delivery to all staff



Project Phase 3

- Oct 2002
- Delivery to the Internet



Futures

- Expand existing system
- Sell or give map data to customers
- Join the ICIS to provide data



www.city.burnaby.bc .ca/burnabymap/

City of Burnaby Mapping Application - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address <http://www.city.burnaby.bc.ca/burnabymap/index.html> Go Links »

City of Burnaby

help contact us disclaimer home

Welcome to Burnaby's Web Map. First time visitors should familiarize themselves with the help guide by clicking on Help in BurnabyMap's toolbar.

Layer List

- Properties
- Services & Amenities
- Engineering
- Environmental
- Trails
- Aerial Photography

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Map: 501795.24, 5454405.23 -- Image: 345, 273

Internet



Search by address

City of Burnaby Mapping Application - Microsoft Internet Explorer

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Address <http://www.city.burnaby.bc.ca/burnabymap/index.html>

City of Burnaby

Address: 4949

Street: CANADA WAY

Unit:

Search Help

Address Search Results

Address: 4949 CANADA WAY

Postal Code: V5G 1M2

Lot Width (m): 431.81

Lot Depth (m): 238.28

Total Lot Area (sqm): 72602.54

Roll Number: 1770-4949-0000

Legal Lot: BLK: DL: 79 Plan: 85511

Zone: P2

Neighbourhood: Douglas-Gilpin

Map: 502529.15, 5454280.32 -- Image: 668, 404

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Internet

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Identify button

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City of Burnaby

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Address: 4949

Street: CANADA WAY

Unit:

Search Help

Search Details

Address: 4949 CANADA WAY
Postal Code: V5G 1M2
Neighbourhood: Douglas - Gilpin
Zoning: P2
District Lot: L.79
Block Watch Area: D16
Garbage Zone: C8
Facet: [Click to View Map 15E](#)

Map: 502216.19, 5454023.03 -- Image: 505, 538

Internet

Start City of Burnaby : Wha... City of Burnaby Map... Microsoft PowerPoint - ... 4:49 PM



Facet books

http://webmap.city.burnaby.bc.ca/bby_images/pdfs/Basemap_BW/15E.pdf - Microsoft Internet Explorer

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Address http://webmap.city.burnaby.bc.ca/bby_images/pdfs/Basemap_BW/15E.pdf Go Links

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Signatures Comments Thumbnails Bookmarks

1 of 1 17 x 11 in

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Map: 501745.78, 5454026.87 -- Image: 260, 536

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P2 Zoning

http://burnaby.ihostez.com/contentengine/bookmark.asp?u=67656E6572616C&s=4275726E616279&p=67656 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://burnaby.ihostez.com/contentengine/bookmark.asp?u=67656E6572616C&s=4275726E616279&p=67656E6572616C&d=34373737

City of Burnaby Help Topics

Home | Split Screen | Full Screen | Advanced Search | Search Results Search All

City of Burnaby

- City Bylaws
- Zoning Bylaw

BURNABY ZONING BYLAW

502. ADMINISTRATION AND ASSEMBLY DISTRICT (P2)

This District provides for the governmental, administrative, recreational, cultural and other related services and facilities which serve the Municipality.

(B/L No. 5170-67-06-26)

502.1 Uses Permitted:

- (1) Ambulance headquarters.
- (2) Assembly, cultural and recreational facilities, including:
armouries, art galleries auditoriums, coliseums, community centres, cultural centres (art, drama and music), curling rinks, gymnasiums, meeting halls, museums, public libraries, skating rinks and arenas, stadiums, swimming pools and theatres (excluding drive-in theatres).
- (3) Places of public worship. (B/L No. 11225-01-07-23)
- (4) [Clubs or lodges](#).
- (5) Deleted. (B/L No. 9561-91-05-13)
- (6) Fire halls.
- (7) Health centres and clinics.
- (8) Offices of municipal, provincial and federal governments.
- (9) Telephone exchanges and similar public utilities, provided they are housed completely within an [enclosed building](#).

(B/L No. 5170-67-06-26)

Internet Internet

http://www.city.burnaby.bc.ca/cityhall/departments_planning/plnng_zoning.html

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Search by places – Firehall #1

City of Burnaby Mapping Application - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://www.city.burnaby.bc.ca/burnabymap/index.html>

City of Burnaby

Firehalls

Fire Hall 1

Search Help

Burnaby Fire Department

Description: Fire Hall 1
Address: 4867 Sperling Avenue
Postal Code: V5E 2S9

[Click for More Information](#)

Map: 502117.91, 5453934.05 -- Image: 11, 546

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Microsoft PowerPoint - [WEB GIS Presentation Nov 2002]

4:56 PM



Golf Courses – Riverway

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City of Burnaby

Riverway Golf Course

Search Help

Layer List

- Properties
- Services & Amenities
- Engineering
- Environmental
- Trails
- Aerial Photography

Map: 498833.28, 5450387.13 -- Image: 85, 165

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Internet

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Police – SE Community Police

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Address <http://www.city.burnaby.bc.ca/burnabymap/index.html>

City of Burnaby

Policing Services

Southeast Community Office

Search Help

Burnaby RCMP

Description: Southeast Community Police Office

Address: 7009 Kingsway

Postal Code: V5E 1E5

[Click for More Information](#)

Map: 502557.75, 5451457.33 -- Image: 12, 561

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5:00 PM



Translink – Royal Oak Station

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City of Burnaby

Public Transportation

Royal Oak Station

Search Help

Skytrain Stations

[Click here for Translink Website](#)

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LANE ST 5200

IMPERIAL ST 5500

DORSET ST 5500

ROYAL OAK STATION

EXPO LINE

SIDLEY ST 4900

VICTORY ST 5100

ANTRIM AV 7120

ROYAL OAK AV 7200

BARBEL ST 6900

DUNBLANE AV 6900

NEENOS AV 6800

LANE ST 5200

IMPERIAL ST 5500

DORSET ST 5500

ROYAL OAK STATION

EXPO LINE

SIDLEY ST 4900

VICTORY ST 5100

ANTRIM AV 7120

ROYAL OAK AV 7200

BARBEL ST 6900

DUNBLANE AV 6900

NEENOS AV 6800

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Click to go to Translink Website

Internet

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Eng Services - Sewer

City of Burnaby Mapping Application - Microsoft Internet Explorer

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Address <http://www.city.burnaby.bc.ca/burnabymap/>

SEARCH

Welcome to Burnaby's Web Map. First time visitors should familiarize themselves with the help guide by clicking on Help in BurnabyMap's toolbar.

- Engineering
- Sewer
 - Combined Manholes
 - Combined Mains
 - Sanitary Manholes
 - Sanitary Mains
 - Storm Manholes
 - Storm Mains
- Water Network
- Streets
- Survey
- Environmental
- Trails
- Aerial Photography

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9:27 AM



Eng Services - Water

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SEARCH

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Layer List

- Properties
- Services & Amenities
- Engineering
 - Sewer
 - Water Network
 - Water Hydrants
 - Water Mains
 - Streets
 - Survey
- Environmental
- Trails
- Aerial Photography

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Slide 18 of 21 Project Overview

Start | Internet | 9:28 AM



Eng Services - Streets

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City of Burnaby

SEARCH

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- Properties
- Services & Amenities
- Engineering
 - Sewer
 - Water Network
 - Streets
 - Roads
 - Hundred Blocks
 - Street Intersections
 - Speed Humps
- Survey
- Environmental
- Trails
- Aerial Photography

GREEN TREE VILLAGE PARK

FERNGLENDR

GREEN TREE PL

DEER LAKE PY

SUSSEX AV

HARKEN DR

WAVYBURN DR

DEER LAKE PARK

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Slide 19 of 21 Project Overview

Start | City o... | Micro... | 9:30 AM



Eng Services – Survey

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City of Burnaby

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- Properties
- Services & Amenities
- Engineering
 - Sewer
 - Water Network
 - Streets
 - Survey
 - Posting Plans
 - Control Monuments
 - ... District Lot
- Environmental
- Trails
- Aerial Photography

82H4970
GREENTREE VILLAGE PARK

82H4969

82H5010

82H5011

DEER LAKE PARK

013

83H5898

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Start | Internet

9:31 AM



Environmental

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City of Burnaby

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Layer List

- Properties
- Services & Amenities
- Engineering
- Environmental
 - Contours
 - Hydrology
 - Waterways
- Trails
- Aerial Photography

Map: 501372.82, 5453836.16 -- Image: 27, 391

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9:33 AM



Trails

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Layer List

- Properties
- Services & Amenities
- Engineering
- Environmental
- Trails
 - Bike Routes
 - Trans Canada Trail
 - Urban Trails
- Aerial Photography

Map: 493604.03, 5456412.3 -- Image: 61, 171

Slide 23 of 27 Project Overview

Start | [Icons] | City o... | Micro... | 9:43 AM



Aerial Photo- B&W

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SEARCH

Welcome to Burnaby's Web Map. First time visitors should familiarize themselves with the help guide by clicking on Help in BurnabyMap's toolbar.

Layer List

- Properties
- Services & Amenities
- Engineering
- Environmental
- Trails
- Aerial Photography
 - Black and White
 - Colour

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MACEY PARK

BURNABY LAKE PARK

BURNABY LAKE PARK

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Internet

Outline Project Overview

Start 9:46 AM



Aerial Photo - Colour

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City of Burnaby

SEARCH

Welcome to Burnaby's Web Map. First time visitors should familiarize themselves with the help guide by clicking on Help in BurnabyMap's toolbar.

Layer List

- Properties
- Services & Amenities
- Engineering
- Environmental
- Trails
- Aerial Photography
 - Black and White
 - Colour

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MACEY PARK

BURNABY LAKE PARK

BURNABY LAKE PARK

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Internet

Outline Project Overview

Start | | 9:46 AM