

Public Mapping & GIS Instruction Manual

Town of Qualicum Beach

Version 1.1



Introduction

This help document will guide users in navigating the Town of Qualicum Beach Public Mapping & Geographic Information Systems (TQB-GIS) website. People will be able to use TQB-GIS to search property information including:

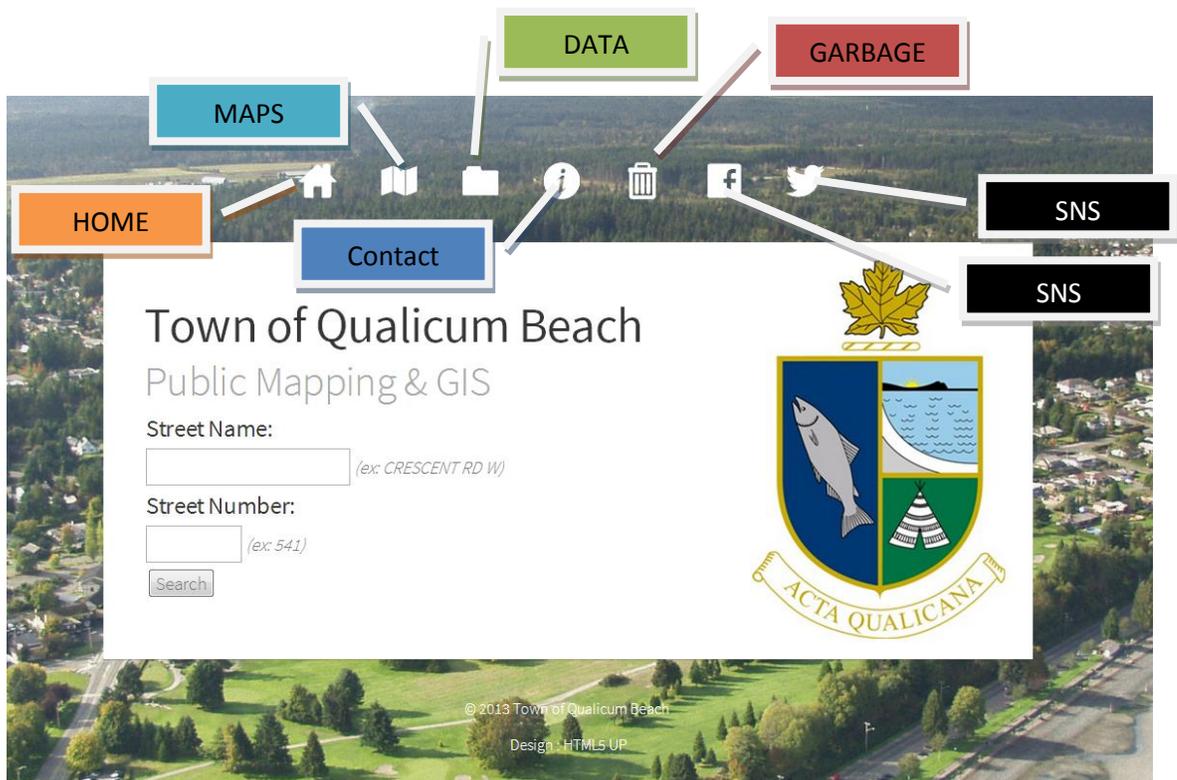
- Legal and assessment information
- Service information
- Residential garbage schedules
- Record drawing documents

Each section of the TQB-GIS is covered in detail..

Contents

Introduction.....	ii
a. Home.....	2
b. Maps	5
c. Data.....	6
d. Contact.....	11
e. Garbage.....	12
f. Social Network Systems (SNS)	22
2. Property Report Tutorial.....	23
a. Home Logo	24
b. Property Search Hyperlink	24
c. General Information Section.....	25
d. Parcel Graphic Section (Links to web maps).....	26
e. Google Map View.....	30
3. Town of Qualicum Beach Public Mapping & GIS Tutorial	31
a. Legend Panel.....	31
b. Tasks Panel.....	34
c. Selection Panel.....	34
d. Tool Bar (Horizontal).....	37
e. Tool Bar (Vertical)	67
f. Status Bar	69
g. Main Menu - Maps Links & Google Maps Option.....	70
h. Right Click Menu	71
i. Task List.....	72
4. TQB-GIS Maps Metadata.....	75
a. Property Map.....	75
b. Utility Map	83
c. Recreation Map.....	88

1. Opening Page: (<http://maps.qualicumbeach.com>)



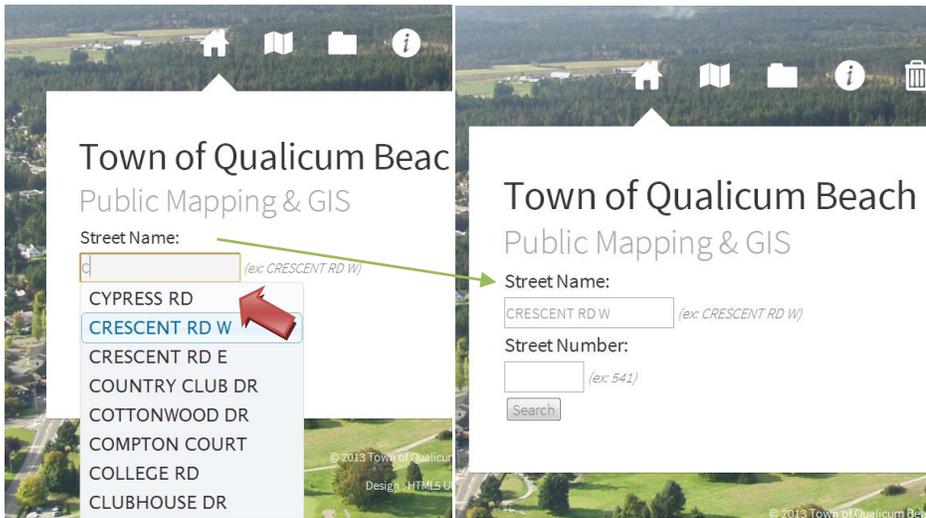
The online Town of Qualicum Beach Geographic Information System (TQB-GIS) can be found under 'Residents' from the Town of Qualicum Beach home page by clicking on 'Maps'. The opening page is categorized into seven parts: Home, Maps, Data, Contact, Garbage, and two Social Network System (SNS) links.

a. Home

Users can search any property from the Home page by entering a specific Qualicum Beach "Street Name" and "Street Number". Street names will automatically pop-up as text is typed into the field:



The street name can be selected from the list of names using a single-click.



Once a Street Name has been selected, a Street Number can also be entered, or simply click on the search button. If a specific street number is not entered, the entire range of results based on the entered Street Name will be displayed. If the user only enters a Street Number, all properties on all streets with the included Street Number will be displayed. If the user enters both Street Name and Number, a report for the property that matches the search criteria will be displayed.

Search Results for Street Name Only:

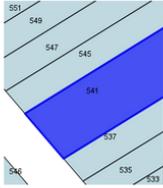
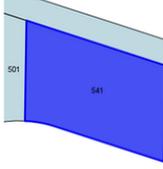
TOWN OF QUALICUM BEACH TOWN OF QUALICUM BEACH - PROPERTY SEARCH

#	STREET NAME	PROPERTY REPORT	IMAGE
4005	543 CRESCENT RD W, Qualicum Beach	Property Report	
40	497 CRESCENT RD W, Qualicum Beach	Property Report	
41	501 CRESCENT RD W, Qualicum Beach	Property Report	

© 2013 Town of Qualicum Beach Use subject to [Terms and Conditions](#)

Search Results for Street Number Only:

[Property Search](#)

#	STREET NAME	PROPERTY REPORT	IMAGE
4005	541 CRESCENT RD W, Qualicum Beach	Property Report	
191	541 TYEE CRES, Qualicum Beach	Property Report	
65	541 QUALICUM RD, Qualicum Beach	Property Report	

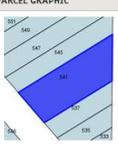
[Next](#)

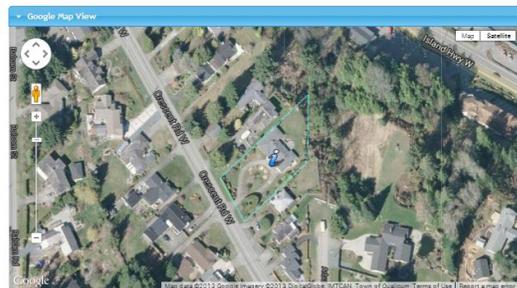
© 2013 Town of Qualicum Beach

Use subject to [Terms and Conditions](#)

Property Report for Search Results with Street Name and Number:

[Property Search](#) [Print](#)

GENERAL INFORMATION	PARCEL GRAPHIC
Address: 541 CRESCENT RD W, Qualicum Beach	 <p> Open in Qualicum Beach Map Open as HTML (Google Earth) Open in Google Maps </p> <p>For zoning information please view property in Qualicum Beach Map.</p>
Parcel ID: 028-750-195	
Roll Number: 98010	
Plan Number: 6206	
Service Card: Service Card PDF Download	
Size: 2009 (Square Meter)	
2013 BC Assessment: \$ 736,000	
City: Qualicum Beach	
Location: 49.35446, -124.4642	
Garbage Service: <ul style="list-style-type: none"> Garbage Collection Schedule Garbage Collection Android App Download Garbage Collection iOS App Download 	

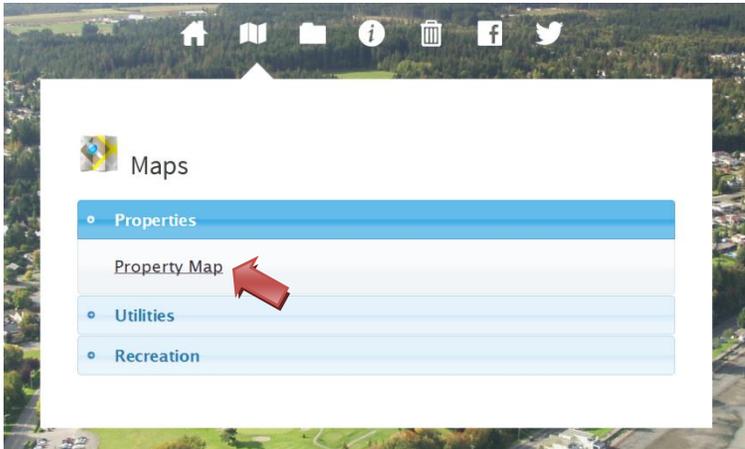


© 2013 Town of Qualicum Beach

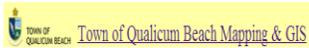
Use subject to [Terms and Conditions](#)

b. Maps

The TQB-GIS has three different, themed, interactive maps: Property, Utility, and Recreation. Clicking on the map links under the accordion panels will launch the interactive maps.



Click the **I Accept** button to accept the TQB-GIS disclaimer and open the mapping system.



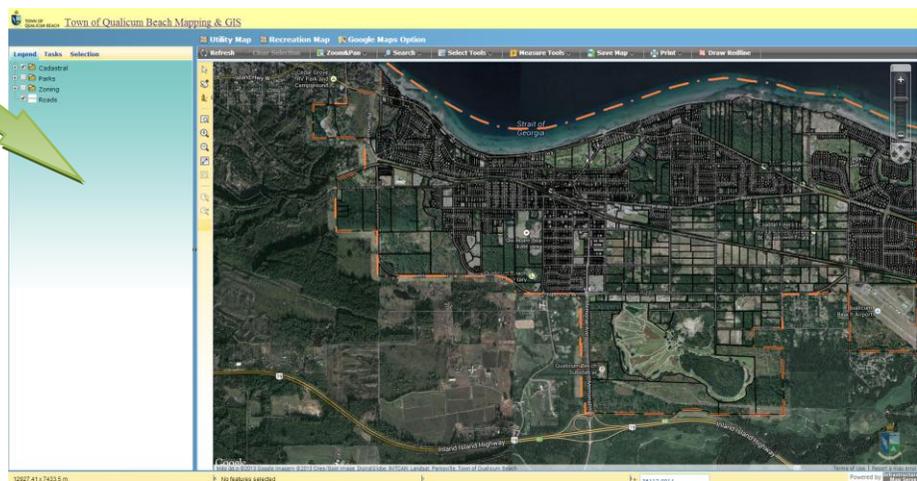
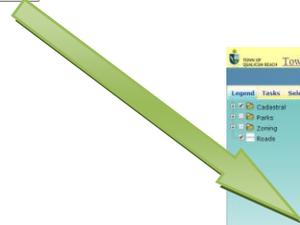
Disclaimer - Please Read

The Town of Qualicum Beach is making the following information available as a public service under the following terms and conditions:

1. All rights, title and interest (including copyright, patent and other intellectual property rights) contained in the Information remain vested in the Town of Qualicum Beach at all times.
2. The Town of Qualicum Beach does not warrant or guarantee the accuracy or completeness of the Information. Ongoing updates and utility connections may not be incorporated into the Information available on the Town of Qualicum Beach website. Users are urged to verify the accuracy of the information against copies of actual plans.
3. If there is a conflict between the Information on the web page and information contained in any other records of the Town of Qualicum Beach or documents that may be prepared by or delivered to the Town of Qualicum Beach, the Town of Qualicum Beach reserves the right to rely in all cases upon the record which it considers to be the most accurate and complete.
4. All zoning should be confirmed with Planning Department at the Town of Qualicum Beach.

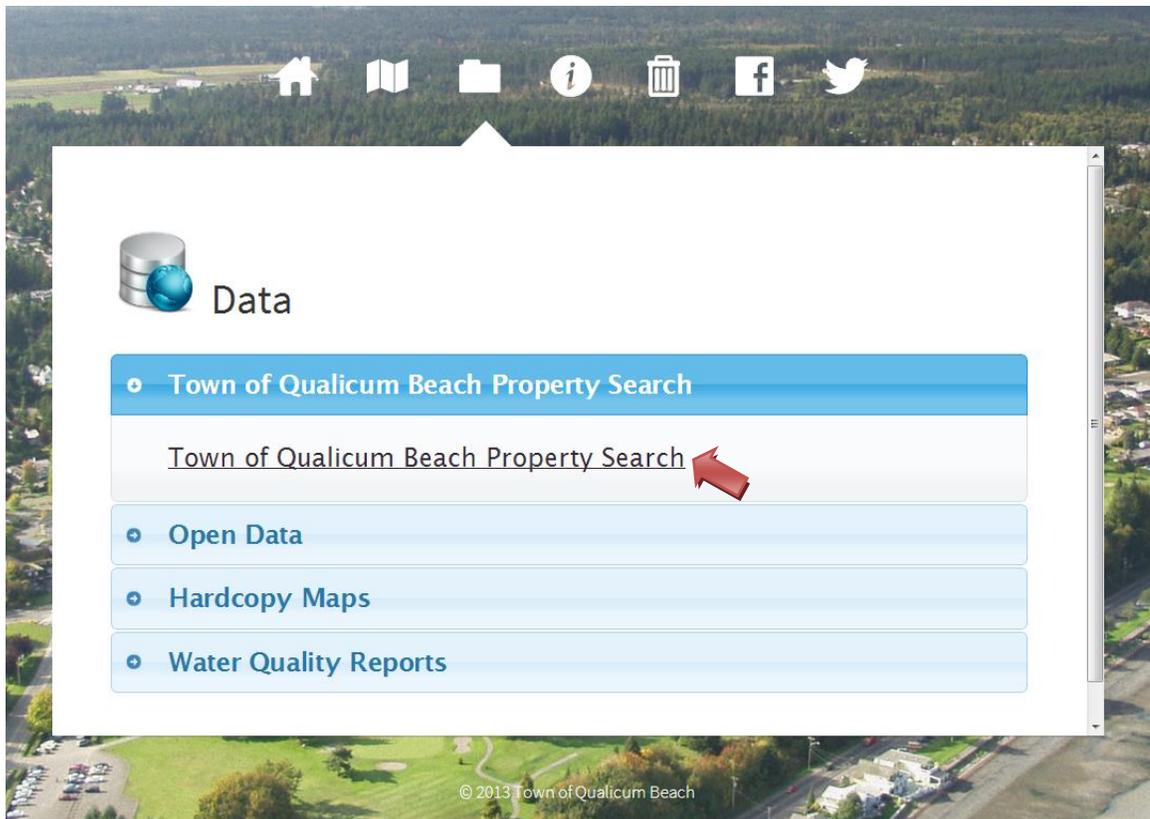
When the application finishes loading, the **I Accept** button below will become active. By clicking this button, you confirm you have read, understand, and accept the terms of use for Qualicum Beach Map.

I Accept



c. Data

The Data page allows users to conduct a property search or to download Open Data, Hardcopy Maps, and Water Quality Reports by clicking links under each accordion panel.



- **Town of Qualicum Beach Property Search**

The Town of Qualicum Beach Property Search page provides three different ways to query properties: Street Name & Number, Legal Plan Number, or Roll Number.



TOWN OF QUALICUM BEACH

TOWN OF QUALICUM BEACH - PROPERTY SEARCH

[Home](#)

Property Search by Street Name & Street Number:

Street Name: (example: CRESCENT RD W)

Street Number: (example: 541)

Search

The property search by **Street Name & Number** function is the same as the search function on the "Home" page. (See help for **TQB-GIS Home page.**)

Property Search by Legal Plan Number:

Plan Number: (example: 13138)

Search

The user should know the specific **Legal Plan Number** of the property to use this search option.

Property Search by Roll Number:

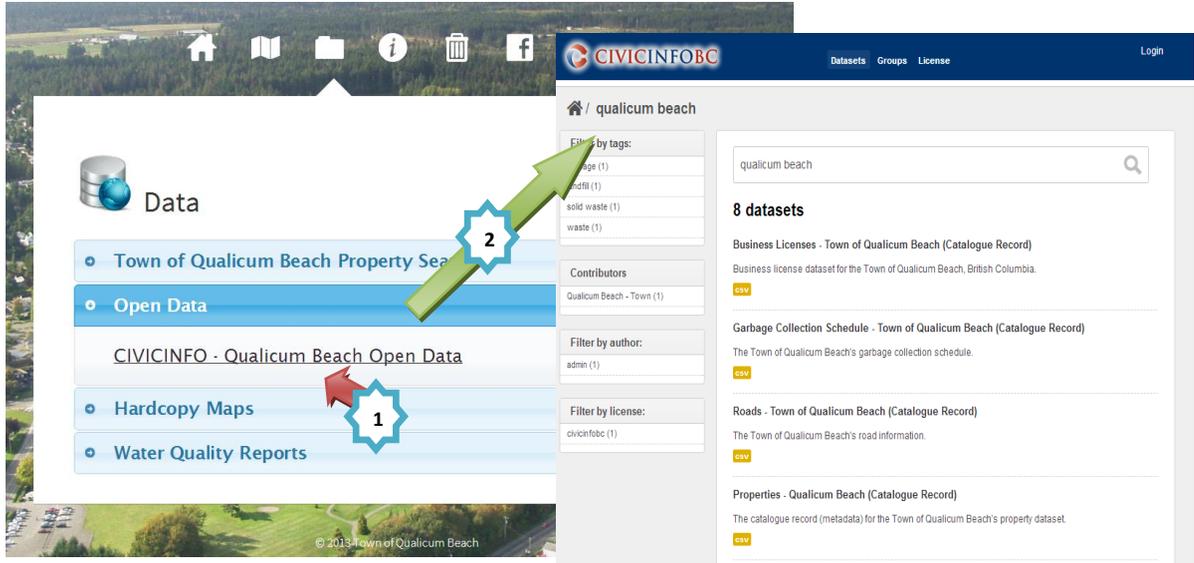
Roll Number: (example: 1000)

Search

The user should know the specific **Roll Number** of the property to use this search option.

- **Open Data**

The Town of Qualicum Beach is working with several other municipalities to create an Open Data library. Four datasets (with catalogue records) have been loaded to the CIVICINFOBC data repository and the user can explore/download those datasets from CIVICINFOBC servers.



To explore or download the datasets, click on the link to the dataset or download the CSV file of the data.

8 datasets

Business Licenses - Town of Qualicum Beach (Catalogue Record)

Business license dataset for the Town of Qualicum Beach, British Columbia.

[CSV](#)

Garbage Collection Schedule - Town of Qualicum Beach (Catalogue Record)

The Town of Qualicum Beach's garbage collection schedule.

[CSV](#)

Roads - Town of Qualicum Beach (Catalogue Record)

The Town of Qualicum Beach's road information.

[CSV](#)

Properties - Qualicum Beach (Catalogue Record)

The catalogue record (metadata) for the Town of Qualicum Beach's property dataset.

[CSV](#)

Garbage Collection Schedule - Town of Qualicum Beach (Data)

Garbage collection schedules from the Town of Qualicum Beach, British Columbia. Map view available.

[CSV](#)

Clicking on explore data will show details of the information on CIVICINFOBC.

The Town of Qualicum Beach's garbage collection schedule.

Data and Resources

Garbage Collection Schedule - Town of Qualicum Beach (Data)
Garbage collection schedules from the Town of Qualicum Beach, British...

[Explore Data](#)

4

garbage - waste - solid waste - landfill -

Dataset Info

These fields are compatible with DCAT, an RDF vocabulary designed to facilitate interoperability between data catalogs published on the Web.

Field	Value
Publisher	Qualicum Beach - Town
Modified Date	2013-07-18
Release Date	2013-04-23
Frequency	Irregularly
Identifier	613e9def-3bc6-4413-b7e8-b8308c90d475
Spatial / Geographical Coverage Location	Qualicum Beach, British Columbia, Canada
Temporal Coverage	Friday, February 22, 2013 - 00:00
License	CivicInfo BC
Author	Town of Qualicum Beach

You can browse the dataset with grid view and download CSV files by clicking on the blue Download button. If the dataset includes point geographic fields, you will be able to browse the datasets on the CIVICINFOBC web map.

Garbage collection schedules from the Town of Qualicum Beach, British Columbia. Map view available.

[Back to dataset](#) [Download](#) [Data API](#)

Download

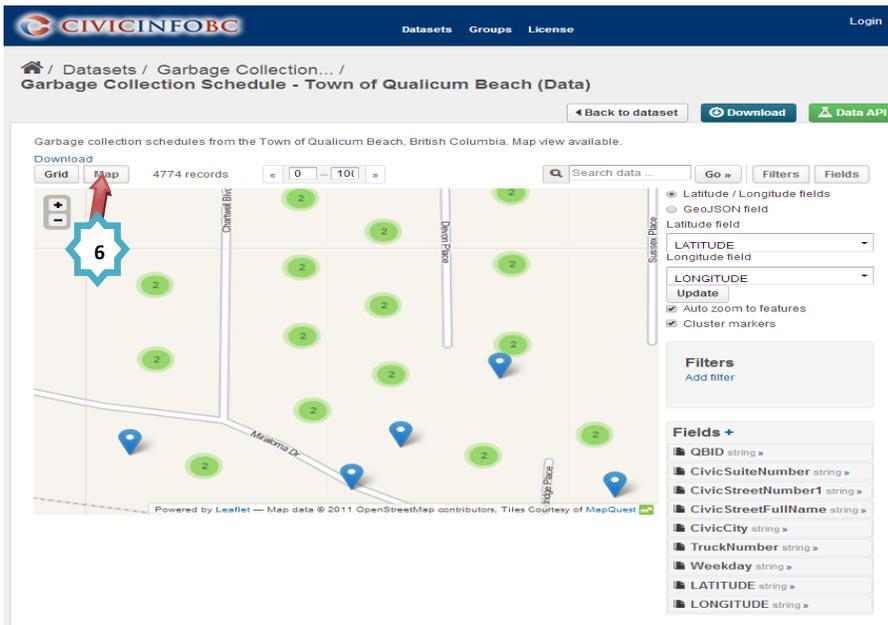
Grid Map 4774 records « 0 - 10 » Search data ... Go » Filters Fields

QBID	Civics...	Civics...	Civics...	Civics...	Truck...	Week...	LATTI...	LC
1003			YAMBU...	Qualicu...	1	tuesday	49.342...	
1005		847	YAMBU...	Qualicu...	1	tuesday	49.341...	
1006		839	YAMBU...	Qualicu...	1	tuesday	49.341...	
1007		831	YAMBU...	Qualicu...	1	tuesday	49.341...	
1008		823	YAMBU...	Qualicu...	1	tuesday	49.342...	
1009		815	YAMBU...	Qualicu...	1	tuesday	49.342...	
1010		811	YAMBU...	Qualicu...	1	tuesday	49.342...	
1011		828	YAMBU...	Qualicu...	1	tuesday	49.342...	
1012		834	YAMBU...	Qualicu...	1	tuesday	49.341...	
1013		840	YAMBU...	Qualicu...	1	tuesday	49.341...	
1014		846	YAMBU...	Qualicu...	1	tuesday	49.341...	
1015		1215	MIRALO...	Qualicu...	1	tuesday	49.341...	
1016		1209	MIRALO...	Qualicu...	1	tuesday	49.341...	
1017		1203	MIRALO...	Qualicu...	1	tuesday	49.341...	
1018		855	WOODS...	Qualicu...	1	tuesday	49.341...	
1019		849	WOODS...	Qualicu...	1	tuesday	49.341...	
1020		841	WOODS...	Qualicu...	1	tuesday	49.342...	
1021		834	WOODS...	Qualicu...	1	tuesday	49.342...	
1022		840	WOODS...	Qualicu...	1	tuesday	49.341...	
1023		846	WOODS...	Qualicu...	1	tuesday	49.341...	

Filters
Add filter

Fields +

- QBID string »
- CivicSuiteNumber1 string »
- CivicStreetNumber1 string »
- CivicStreetFullName string »
- CivicCity string »
- TruckNumber string »
- Weekday string »
- LATITUDE string »
- LONGITUDE string »



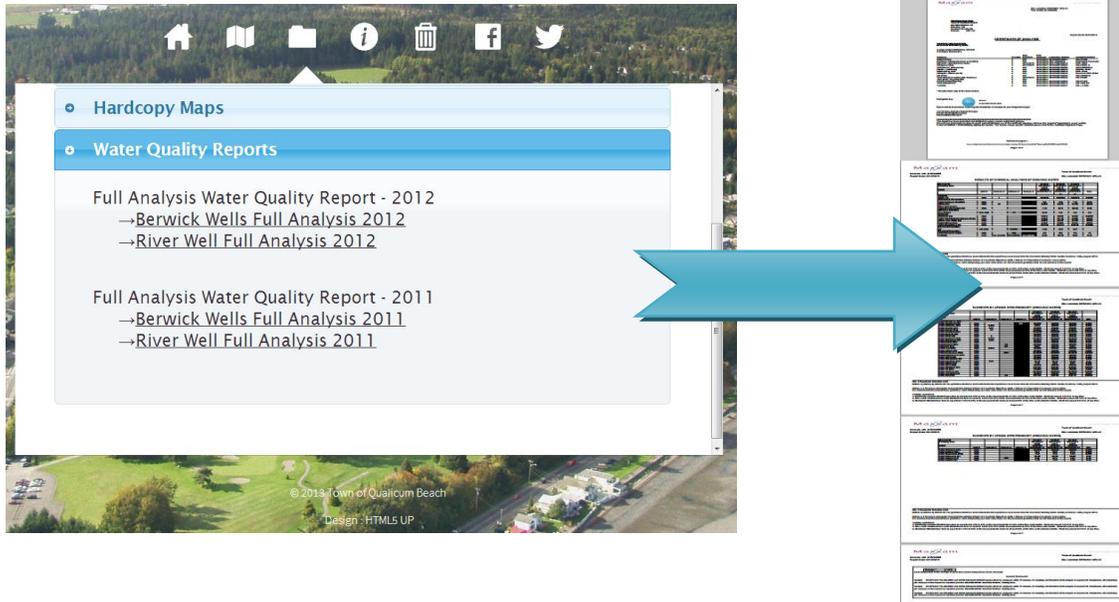
- **Hardcopy Maps**

PDF versions of common hardcopy maps are available for the general public: Address Map, Recreation Trail Map, Zoning Map, Secondary Suite Map, and an Aerial Photo. Users can download the hardcopy maps by single clicking on the links.



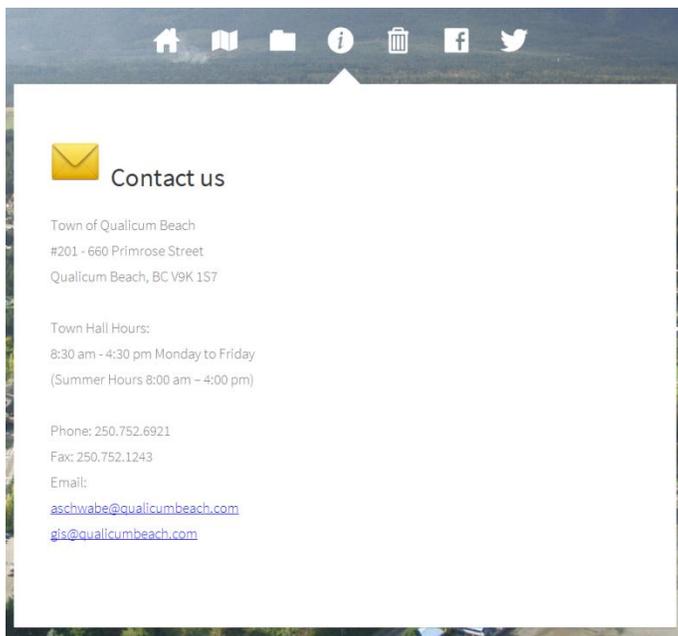
- **Water Quality Reports**

The Town of Qualicum Beach provides copies of our yearly Water Quality Reports for our two well fields: Berwick and the River Wells. The user can download the annual water quality reports for the different well fields by single clicking on the links.



d. Contact

In the **Contact Us** section, residents can find email links and phone numbers to ask questions or to report any problems.



e. Garbage

The TQB-GIS is an easy way to find a link to our garbage collection reminder application called “QB Waste”, developed by Recollect. Clicking the Garbage icon will take you to the garbage collection application page on the qualicumbeach.com website.



Garbage, Recycling, & Food Waste Pickup

The Town provides curbside pickup for approximately 4,100 residential customers and basic garbage pickup for 70 commercial bins. Once collected, the refuse is transported to the R.D.N. Transfer Station on Church Rd. in Parksville. Pickup for recycling and food waste is done by an independent contractor (BFI Waste Services). The recycling that is collected is taken to the Church Rd. transfer station and compostable materials are taken to the Duke Point composting facility.

If you would like to receive customized reminders of your garbage, recycling or food waste pick-up simply enter your home address below and fill in the necessary fields. Reminders are available via phone, email, calendar notice and/or Twitter.

Collection Schedules and Reminders Need help?

Please enter your home address:

Example: 660 Primrose Street, Qualicum Beach, British Columbia

Download the Recollect App




Questions?

	Phone	Email
Garbage Schedules	250.752.6921	gbtown@qualicumbeach.com
Missed Pickup (Regular Garbage)	250.752.6921	gbtown@qualicumbeach.com
Missed Pickup (Recycling or Food Waste)	1.866.999.8227	zerowaste@rdn.bc.ca
Lost/Broken Containers	250.752.6921	gbtown@qualicumbeach.com

Links

- > [Collection Schedules \(RDN Version\)](#)
- > [Curbside Collection Program Guidelines](#)
- > ["Beyond Composting" Website](#)

- **Recollect Garbage Collection Reminder Tutorial**

To perform a collection search, enter a home address and all matching addresses in Qualicum Beach will automatically be displayed. Once the desired address appears, click on the auto-complete hint to complete the address. Once the address field is completed, click the “Search” button.

If you would like to receive customized reminders of your garbage, recycling, or food waste pick-up simply enter your home address below and fill in the necessary fields. Reminders are available via phone, email, calendar notice and/or Twitter.

Collection Schedules and Reminders [Need help?](#)

Please enter your home address:

660 Beach Road, Qualicum Beach, British Columbia, Canada

660 Beach Terrace, Qualicum Beach, British Columbia, Canada

Download the Recollect App

ANDROID APP ON **Google play** **Download on the App Store**

Confirm the address by clicking the green “Yes” button.

Collection Schedules and Reminders [Need help?](#)

Please confirm this is your address and location:

660 Beach Road, Qualicum Beach, British Columbia, Canada

Share:

After confirming, you will be able to see their monthly garbage collection schedule and create your own garbage collection reminder or calendar in various ways.

Collection Schedules and Reminders [Need help?](#)

Qualicum Beach, British Columbia, Canada
Qualicum Beach Wednesday 1

[Create a reminder!](#) [Get a calendar](#)

November 2013

today < >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29 Green Bin	30 Garbage	31	1	2
3	4	5 Recycling Green Bin	6	7	8	9
10	11	12	13 Garbage Green Bin	14	15	16
17	18	19	20 Recycling Green Bin	21	22	23
24	25	26 Garbage Green Bin	27	28	29	30
1	2	3	4 Recycling Green Bin	5	6	7

Share: [Email](#)

Green Bin

Set out your green bin by 8:00am.

Start the garbage collection reminder process by clicking on “Create a reminder!” button. You will be able to sign up for one or several reminder methods such as Email, Phone Call, Twitter, Calendar, and Recollect Apps.

Collection Schedules and Reminders

Qualicum Beach, British Columbia, Canada
Qualicum Beach Wednesday 1

Create a reminder! **Get a calendar** **Search for an**

November 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	27	28	29	30	1	2
	3	4	5	6	7	8
	10	11	12	13	14	15

Collection Schedules and Reminders **Need help?**

How should we notify you?

What is the best way for Recollect to remind you? You may sign up for several reminders if you like!

Email
Send me an E-Mail to remind me of my collection schedule. **Email me**

Phone Call
Call my mobile or home phone to remind me of my collection schedule. **Call me**

Twitter
Send me a direct message through twitter to remind me of my collection schedule. **Tweet me**

Calendar
Add my collection schedule to my iCal, Outlook or Google Calendar, or let me download a printable PDF. **Calendar**

Back

Share: **Email**

- **Creating garbage collection reminders**

- ❖ **Email**

Click the “Email me” green button.

How should we notify you?

What is the best way for Recollect to remind you? You may sign up for several reminders if you like!

Email

Send me an E-Mail to remind me of my collection schedule.

Email me 1

Enter an email address, time of day, and preferred day to receive the collection reminder emails.

Collection Schedules and Reminders [Need help?](#)

Where and when should we email you?

Email 2

Time 3

Day 4

By signing up for a reminder you agree to our Privacy Policy and User Agreement.

5

Share: Email

Click the “Sign me up!” green button and you are finished. You have the option to share this collection reminder application with friends, family and neighbours living in Qualicum Beach.

Collection Schedules and Reminders [Need help?](#)

Thank you! You're all done!

You are all set up - we will send you notifications each week!

Please share Recollect with your friends, family and neighbours

Your Email:

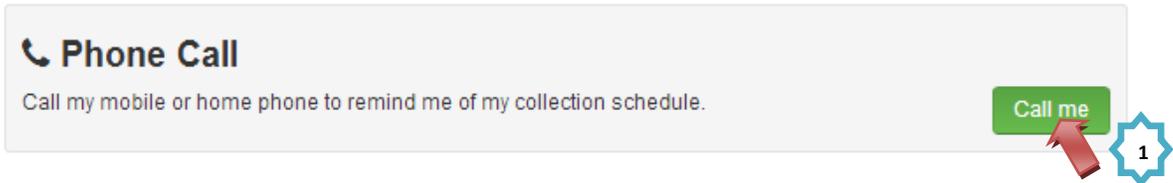
Your Friend's Email:

[Return to the calendar](#) [Send](#)

Share:

Phone Call

Click on the “Call me” green button.



Enter a phone number, preferred day, and time to be notified by phone and click on the “Sign me up!” button. Phone call reminders cannot be programmed between 9:00pm and 9:00am.

The screenshot shows a form titled "Where and when should we phone you?" under the heading "Collection Schedules and Reminders". The form includes the following fields and elements:

- Phone Number:** A text input field containing "123-456-7890", highlighted with a blue starburst labeled "2".
- Time:** A time selection field showing "04:00 PM". To its right is a larger time selection widget showing "08:00 AM" with hour, minute, and AM/PM dropdowns, highlighted with a blue starburst labeled "3".
- Day:** A dropdown menu showing "the day before pickup". To its right is another dropdown menu showing "the day before pickup" as the selected option, with "the day before pickup" and "the day of pickup" as visible options, highlighted with a blue starburst labeled "4".
- Email:** An empty email input field.
- Sign me up! button:** A green button at the bottom of the form, highlighted with a blue starburst labeled "5".
- Back button:** A grey button next to the "Sign me up!" button.
- Share:** A section with an "Email" link.

Green arrows point from the "Phone Number" and "Time" fields towards the "Sign me up!" button. A red arrow points to the "Sign me up!" button. A "Need help?" link is visible in the top right corner of the form area.

❖ Twitter

Click on the “Tweet me” green button. Please note: you must follow @QualicumBeachBC to create a Twitter reminder.

The image shows two screenshots illustrating the steps to follow @QualicumBeachBC on Twitter. The top screenshot is from a website with a grey header titled "Twitter" and the text "Send me a direct message through twitter to remind me of my collection schedule." A green "Tweet me" button is highlighted with a red arrow and a blue starburst containing the number "1". Below this is a green navigation bar with "Collection Schedules and Reminders" and "Need help?". The main content area is titled "Step 1: Start Following" and includes the instruction "To receive your reminders as Direct Messages through Twitter, you must follow @QualicumBeachBC." A "Follow" button is highlighted with a red arrow and a blue starburst containing the number "2". The bottom screenshot shows a Twitter profile for @QualicumBeachBC. The profile card includes a profile picture, the name "@QualicumBeachBC", and the bio "Twitter for the Town of Qualicum Beach. Qualicum Beach, BC · qualicumbeach.com". Below the profile card, statistics show "202 TWEETS", "7 FOLLOWING", and "208 FOLLOWERS". A blue "Following" button is highlighted with a red arrow and a blue starburst containing the number "3".

Enter your “Twitter Username”, Email, Time, and preferred day to be notified on Twitter. Click on the “Sign me up!” button to sign up for the collection reminder.

Collection Schedules and Reminders [Need help?](#)

Step 1: Start Following
 To receive your reminders as Direct Messages through Twitter, you must follow @QualicumBeachBC.
 Follow

Step 2: Where and when should we meet you?

Twitter Username: @QBeach **4**

Email:

Time: 04:00 PM **5**

Day: the day before pickup **6**

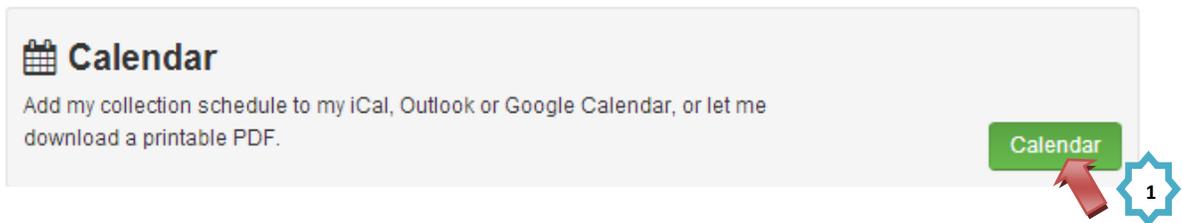
By signing up for a reminder you agree to our Privacy Policy and User Agreement

[Back](#) [Sign me up!](#) **7**

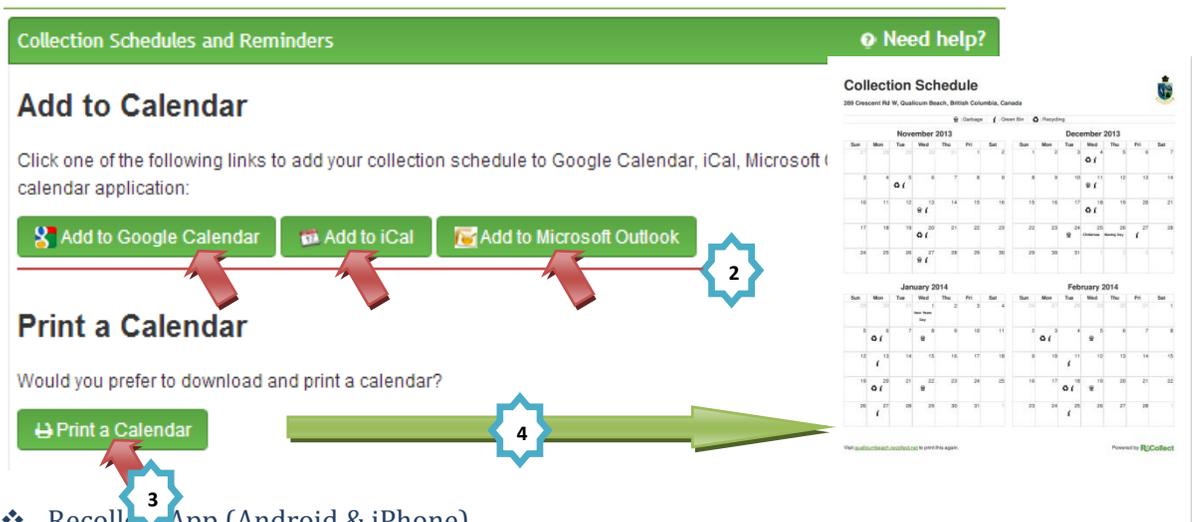
By signing up for a reminder you agree to our Privacy Policy and User Agreement

❖ **Calendar (Get Calendar)**

Click on the “Calendar” green button and it will redirect you to the Calendar function.



You can add your collection schedule to a Google Calendar, iCal, or Microsoft Outlook by clicking one of application buttons. You can also download a hardcopy calendar as a PDF file and print it.



❖ **Recollection App (Android & iPhone)**

You can download the “QB Waste” garbage reminder apps from the Google Play Store for Android devices, or from the Apple App Store for Apple devices.

f. Social Network Systems (SNS)

The TQB-GIS site also provides Town of Qualicum Beach “Facebook” and “Twitter” links, allowing people to join, share, and view municipal information on our social network sites.



2. Property Report Tutorial

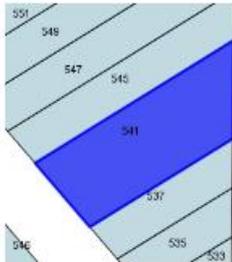
The TQB-GIS Property Report allows you to search properties in Qualicum Beach and view the general and geographic information of those properties such as: Parcel ID, Roll Number, Service Records, and Property Boundary and Size.

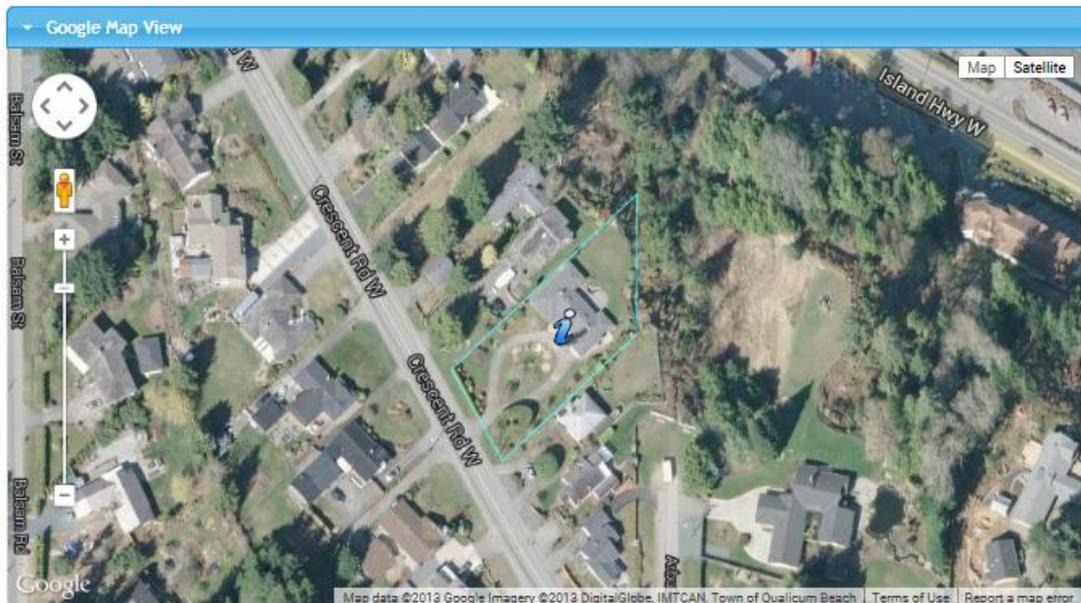


TOWN OF
QUALICUM BEACH

541 CRESCENT RD W - PROPERTY REPORT

[Property Search](#) [Print](#)

GENERAL INFORMATION		PARCEL GRAPHIC
Address:	541 CRESCENT RD W, Qualicum Beach	 <p> Open in Qualicum Beach Map Open as KML (Google Earth) Open in Google Maps </p> <p>For zoning information please view property in Qualicum Beach Map.</p>
Parcel ID:	028-750-195	
Roll Number:	98010	
Plan Number:	6206	
Service Card:	Service Card PDF Download	
Size:	2009 (Square Meter)	
2013 BC Assessment:	\$ 736,000	
City:	Qualicum Beach	
Location:	49.35446, -124.4642	
Garbage Service:	Garbage Collection Schedule QB Garbage Collection Android App Download QB Garbage Collection iOS App Download	



a. Home Logo

You can click on the Town of Qualicum Beach logo at any time to return to the TQB-GIS home page.

TOWN OF QUALICUM BEACH 3251 ISLAND HWY W

[Property Search](#) [Print](#)

GENERAL INFORMATION	
Address:	3251 ISLAND HWY W
Parcel ID:	000-211-362

Town of Qualicum Beach
Public Mapping & GIS
Street Name: (example: CRESCENT RD W)
Street Number: (example: 541)

b. Property Search Hyperlink

To search another address, click on the Property Search hyperlink to load the “Property Search” page. For more information on how to navigate the “Property Search” page, see instructions under [“Town of Qualicum Beach Property Search”](#).

TOWN OF QUALICUM BEACH 541 CRESCENT RD W - PROPERTY REPORT

[Property Search](#) [Print](#) [Home](#)

TOWN OF QUALICUM BEACH TOWN OF QUALICUM BEACH - PROPERTY SEARCH

GENERAL INFORMATION

Address: (example: CRESCENT RD W)
Parcel ID:
Roll Number:
Plan Number:

Property Search by Street Name & Street Number:

Street Name: (example: CRESCENT RD W)
Street Number: (example: 541)

Property Search by Legal Plan Number:

Plan Number: (example: 13138)

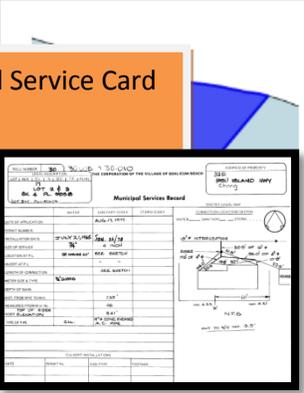
Property Search by Roll Number:

Roll Number: (example: 1000)

© 2013 Town of Qualicum Beach Use subject to [Terms and Conditions](#)

c. General Information Section

Property Reports show general information for a property in Qualicum Beach. The specific fields are: Address, Parcel ID, Roll Number, Plan Number, Service Card, Size (in square metres), the most recent BC Assessment value, City, Location, and Garbage Service schedule. If available, download the Service Card PDF file, showing known service locations, by clicking on the “Service Card PDF Download” hyperlink. You can also open the Garbage Collection Schedule page from this report to see the collection schedule for the property.

GENERAL INFORMATION	PARCEL GRAPHIC
Address: 3251 ISLAND HWY W, Qualicum Beach	 <p>Download Service Card PDF Files</p> <p>For zoning information please view property in Qualicum Beach Map.</p>
Parcel ID: 000-211-362	
Roll Number: 30000	
Plan Number: 40604	
Service Card: Service Card PDF Download	
Size: 423 (Square Meter)	
2013 BC Assessment: \$ 884,000	
City: Qualicum Beach	
Location: 49 35953 -124 4698	
Garbage Service: <ul style="list-style-type: none"> Garbage Collection Schedule QB Garbage Collection Android App Download QB Garbage Collection iOS App Download 	

Collection Schedules and Reminders Need help?

3251 Island Highway West, Qualicum Beach, British Columbia, Canada
Qualicum Beach Tuesday 2

Create a reminder! Get a calendar Search for another address

November 2013 today < >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
		Green Bin				
3	4	5	6	7	8	9
	Garbage	Recycling				
		Green Bin				
10	11	12	13	14	15	16
			Green Bin			
17	18	19	20	21	22	23
		Garbage	Recycling			
			Green Bin			
24	25	26	27	28	29	30
			Green Bin			
1	2	3	4	5	6	7
	Garbage	Recycling				
		Green Bin				

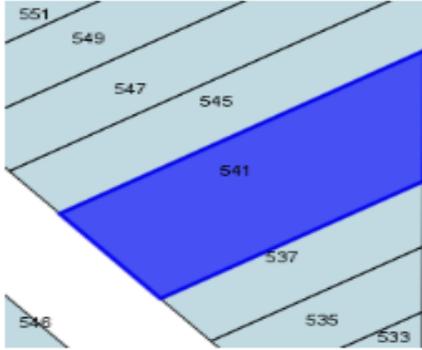
Share: Email Like 18 Tweet 2 +1 9

Link to Garbage Collection Schedules & Reminders page OR Download Garbage Collection Schedule & Reminder Mobile App for your Android/iPhone

d. Parcel Graphic Section (Links to web maps)

Town of Qualicum Beach property information can be viewed in different mapping systems/software. If you would like to see geographic information with all the attributes, the map should be viewed in the Qualicum Beach Property Map. You can also choose to download the property information as a KML (<http://en.wikipedia.org/wiki/KML>) file that can be opened using Google Earth (Desktop/Mobile) or Google Maps. Zoning information is only available when viewing the map in the Qualicum Beach Map.

PARCEL GRAPHIC



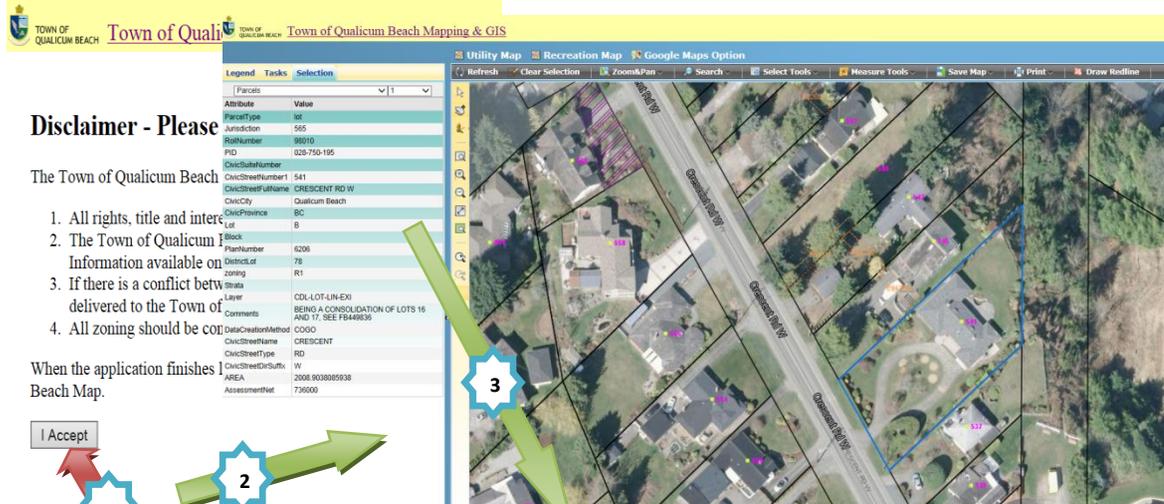
The image shows a parcel graphic with several numbered parcels. The parcels are arranged in a grid-like pattern. The parcels are numbered as follows: 551, 549, 547, 545, 541, 537, 546, 535, and 533. Parcel 541 is highlighted in blue.

[Open in Qualicum Beach Map](#)
[Open as KML \(Google Earth\)](#)
[Open in Google Maps](#)

For zoning information please
view property in Qualicum
Beach Map.

- **Open in Qualicum Beach Map**

The TQB-GIS will automatically select and zoom to the specified property after clicking the “I Accept” button to agree to the disclaimer. The Selection pane on the left side of the map shows more detailed information about the property.



Legend	Tasks	Selection
Parcels		
Attribute	Value	
ParcelType	lot	
Jurisdiction	565	
RollNumber	98010	
PID	028-750-195	
CivicSuiteNumber		
CivicStreetNumber1	541	
CivicStreetFullName	CRESCENT RD W	
CivicCity	Qualicum Beach	
CivicProvince	BC	
Lot	B	
Block		
PlanNumber	6206	
DistrictLot	78	
zoning	R1	
Strata		
Layer	CDL-LOT-LIN-EXI	
Comments	BEING A CONSOLIDATION OF LOTS 16 AND 17, SEE FB449836	
DataCreationMethod	COGO	
CivicStreetName	CRESCENT	
CivicStreetType	RD	
CivicStreetDirSuffix	W	
AREA	2008.9038085938	
AssessmentNet	736000	

- **Open as KML (Google Earth)**

The “Open as KML” link creates a report as a KML file and opens the file by using Google Earth (Desktop/Mobile). Clicking on the information symbol while in the Google Earth map displays general information on the downloaded property.

The image is a composite of four parts illustrating the workflow:

- PARCEL GRAPHIC:** A map showing several parcels. Parcel 541 is highlighted in blue. Other parcels are labeled with numbers like 551, 549, 547, 545, 537, 535, 533, 546, and 538.
- Internet Explorer Dialog:** A window titled "What do you want to do with 935.kml?". It shows the file size as 5.68 KB and the source as maps.qualicumbeach.com. The "Open" option is selected, with a note that "The file won't be saved automatically." A green arrow labeled '2' points from the "Open as KML (Google Earth)" link in the next step to this dialog.
- Google Earth Interface:** The Google Earth desktop application is shown. The search bar contains "Pizza near Clayville, NY". The "Places" list on the left includes "ISLAND HWY W". A red arrow labeled '1' points from the "Open as KML (Google Earth)" link to this interface.
- Property Information Popup:** A popup window titled "3251 ISLAND HWY W, Qualicum Beach" is overlaid on the Google Earth map. It contains a small parcel map with parcel 3251 highlighted in blue. Below the map, the following information is listed:

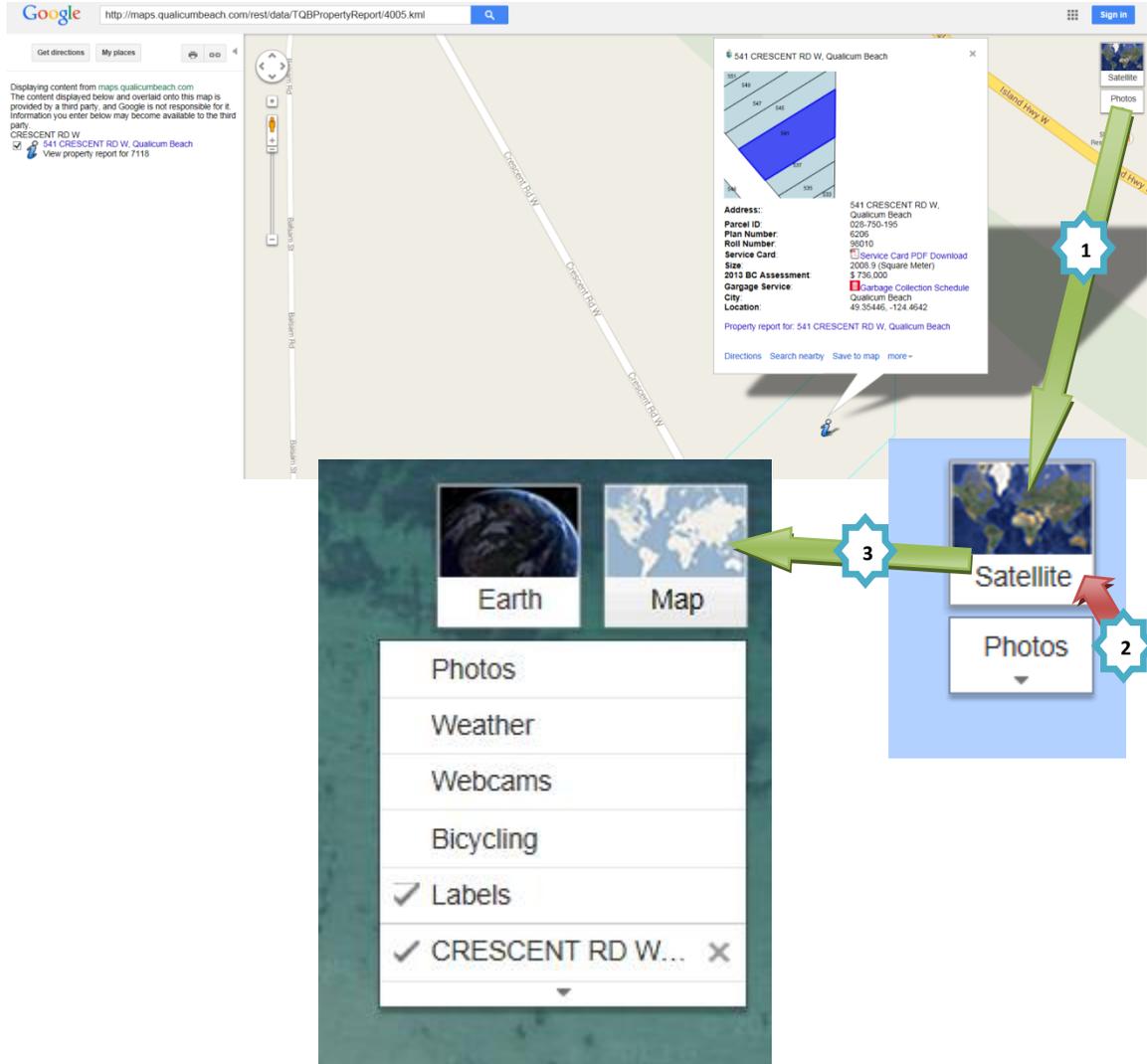
Address:	3251 ISLAND HWY W, Qualicum Beach
Parcel ID:	000-211-362
Plan Number:	40604
Roll Number:	32000
Service Card:	Service Card PDF Download
Size:	422,688 (Square Meter)
2013 BC Assessment:	\$ 684,000
Garbage Service:	Garbage Collection Schedule
City:	Qualicum Beach
Location:	49.35953, -124.4698

 A green arrow labeled '3' points from the "Open as KML (Google Earth)" link to this popup.

Below the "PARCEL GRAPHIC" map, there are three links: "Open in Qualicum Beach Map", "Open as KML (Google Earth)", and "Open in Google Maps". A red arrow labeled '1' points from the "Open as KML (Google Earth)" link to the Google Earth interface. A green arrow labeled '2' points from the "Open as KML (Google Earth)" link to the Internet Explorer dialog. A green arrow labeled '3' points from the "Open as KML (Google Earth)" link to the property information popup.

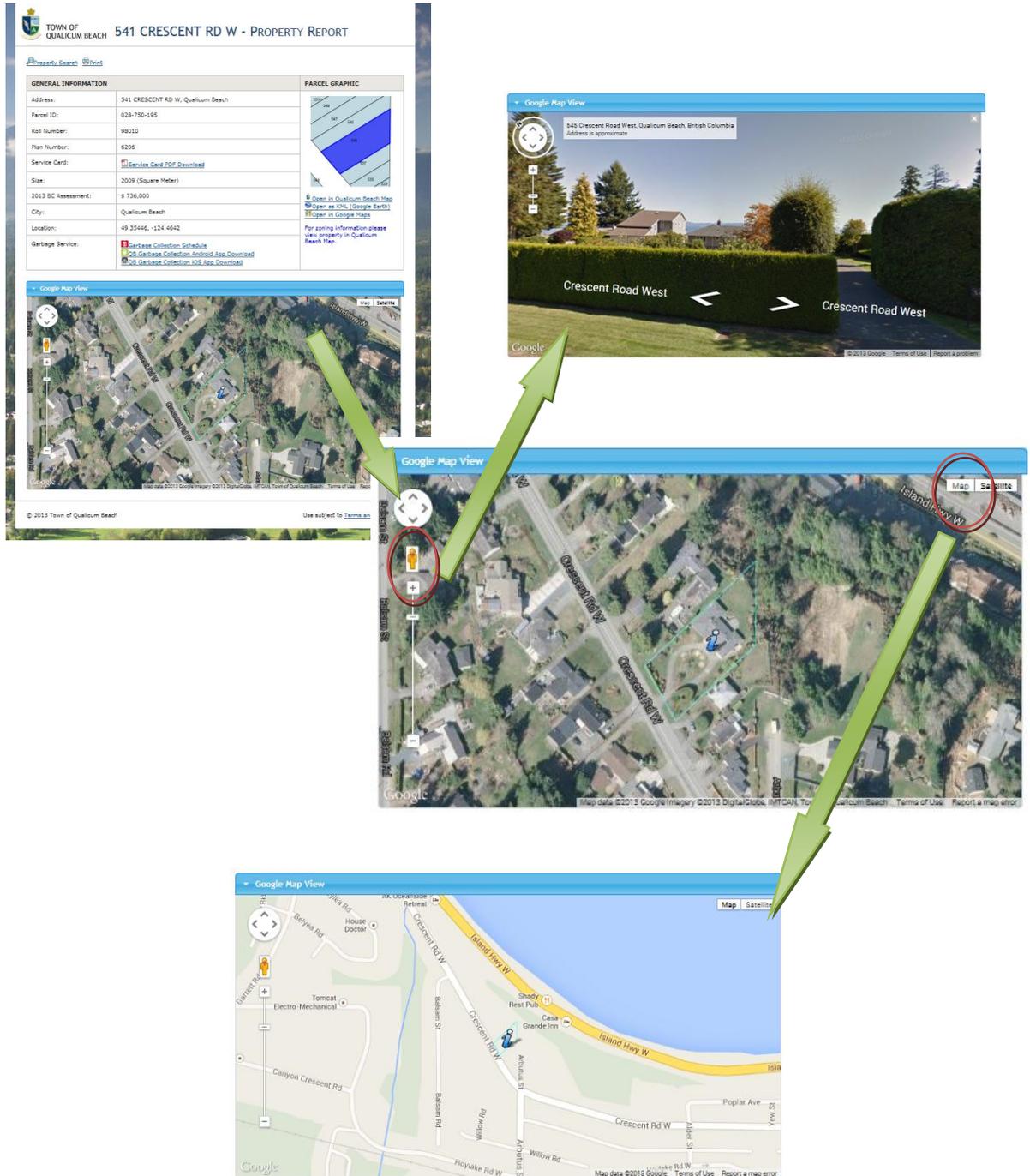
- **Open in Google Maps**

General information of the selected property can be displayed in Google Maps by clicking on the information symbol. Google Satellite imagery can be displayed by selecting a different base map on the top-right corner of the Google Map page.



e. Google Map View

The GIS Property Report allows the user to superimpose the property lines on the Google Map Satellite image within the property report. The basic Google Map functions such as zoom in/out, Google Street View, and Google Satellite & Street Maps are available in this window.

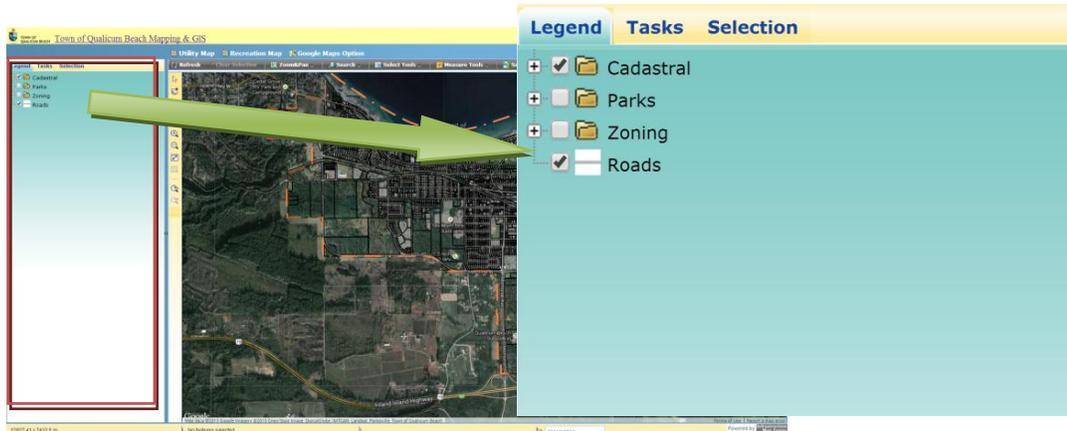


3. Town of Qualicum Beach Public Mapping & GIS Tutorial

This tutorial covers the basic layout and use of the TQB-GIS system. Instructions on how to access the interactive maps can be found under section [b. Maps](#).

a. Legend Panel

The Legend tab at the left-hand side of the maps shows all the visible geographic layers for each current map.

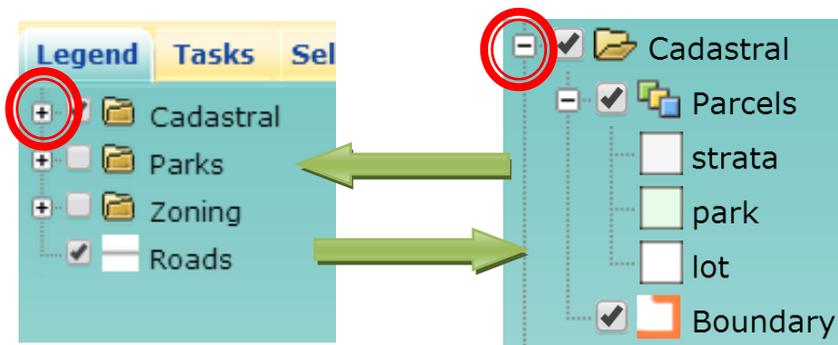


- **Plus/Minus Symbols (Expanding/Closing)**

Clicking on the **Plus** symbol  will expand the layer group folders/themes of the layers.

Clicking on the **Minus** symbol  will close the layer group folders/themes of the layers.

Example 1: Expand the **Cadastral** Layer Group



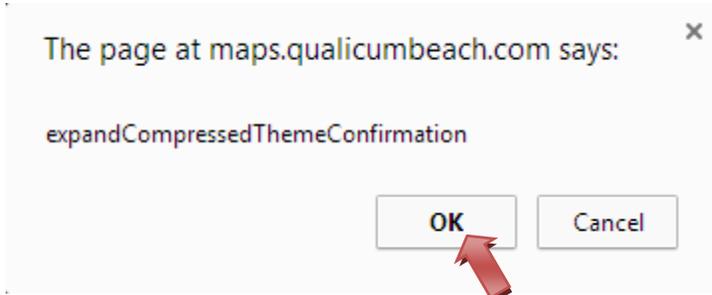
Example 2: Expand Cadastral Layer Theme of the **Parcels** Layer



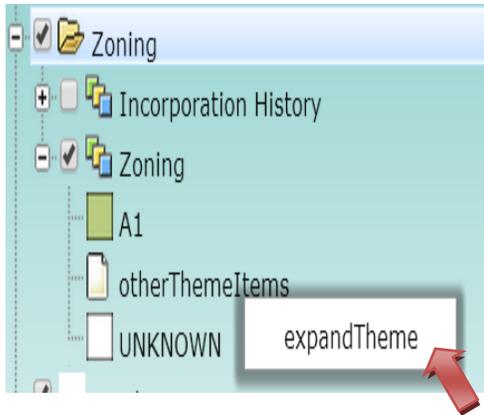
Example 3: Expand the Compressed Theme of the Zoning Layer (The layer is categorized into several classes)

Step 1: Right click on “otherThemeItems” theme under the “Zoning” Layer

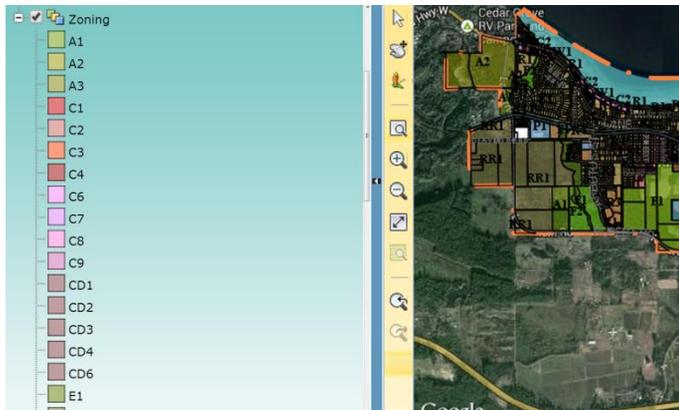
Step 2: Click on “OK” button of the confirmation window



Step 3: Click on “expandTheme”.



Step 4: All the themes of the Zoning Layer should be visible.



- **Checked Boxes (Turn On/Off layers or layer groups)**

Checking the checked box beside layer groups/layers will turn on the layer or layer groups.

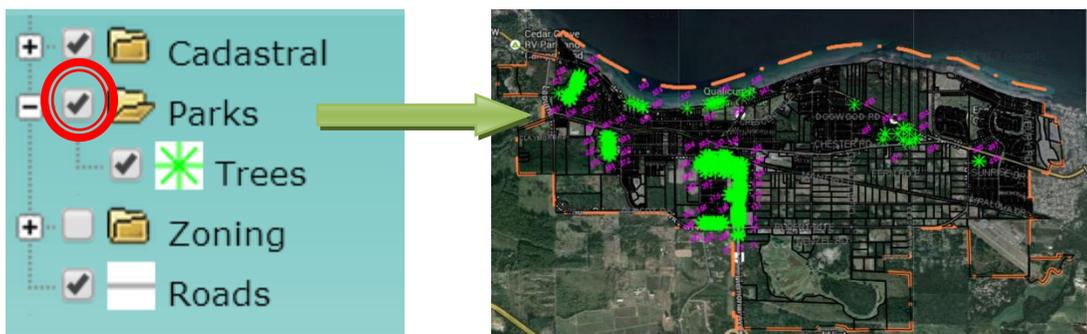
Unchecking the checked box beside layer groups/layers will turn off the layer or layer groups.

Example 1: Turn on the “Parks” layer group to display all checked layers under the Parks layer group.

Unchecked...



Checked...



Note: If the checked box beside the “Layer Group” folder is not checked, the entire set of layers under that Layer Group will not be displayed on the map even if they are checked or unchecked.

b. Tasks Panel

There are nine functions under the Task List: Buffer, Measure, Feature Info, Query, Search Roll Number, Search Address, SearchPID, Quick Plot, and Custom Print. Each function will be introduced in the “[Task List](#)” section.



c. Selection Panel

The selection panel displays attributes of the selected geographic data such as parcels, strata, water sewers, and sanitary sewers.

Example 1: Single feature selection

Select a parcel in the map. **Note:** The **Cadastral** layer must be checked under the **Legend** panel in order for a parcel to be selected on the map.

Legend Tasks Selection

Parcels 1

Attribute	Value
ParcelType	lot
Jurisdiction	565
RollNumber	170050
PD	002-112-108
CivicSuiteNumber	
CivicStreetNumber1	420
CivicStreetFullName	MILL RD
CivicCity	Qualicum Beach
CivicProvince	
Lot	B
Block	
PlanNumber	27497
DistrictLot	53
zoning	R1
Strata	
Layer	CDL-LOT-LIN-EXI
Comments	
DataCreationMethod	COGO
CivicStreetName	MILL
CivicStreetType	RD
CivicStreetDirSuffix	
AREA	2027.9754638672
AssessmentNet	224000

Refresh Clear Selection Zoom&Pan Search

The map displays an aerial view of a residential neighborhood. Several parcels are outlined in black, with yellow lot numbers (e.g., 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000). A blue box highlights a parcel at the bottom right, with lot number 424. The map also shows streets: Sangster Dr, MILL Rd, and AUSTIN ST.

Example 2: Multi-feature selections

When selecting multiple features, such as trees and parcels, you can narrow the search by selecting a specific layer on the drop down list to only view the attribute information of the required layer and object.

The screenshot displays a GIS application interface with a map showing various layers and attribute tables. A green arrow points to the 'Parcels' layer in the legend, and another green arrow points to the 'Parcels' layer in the attribute table. The attribute table shows details for a selected parcel, including PlanNumber, DistrictLot, zoning, Strata, Layer, DataCreationMetho, and CivicStreetName.

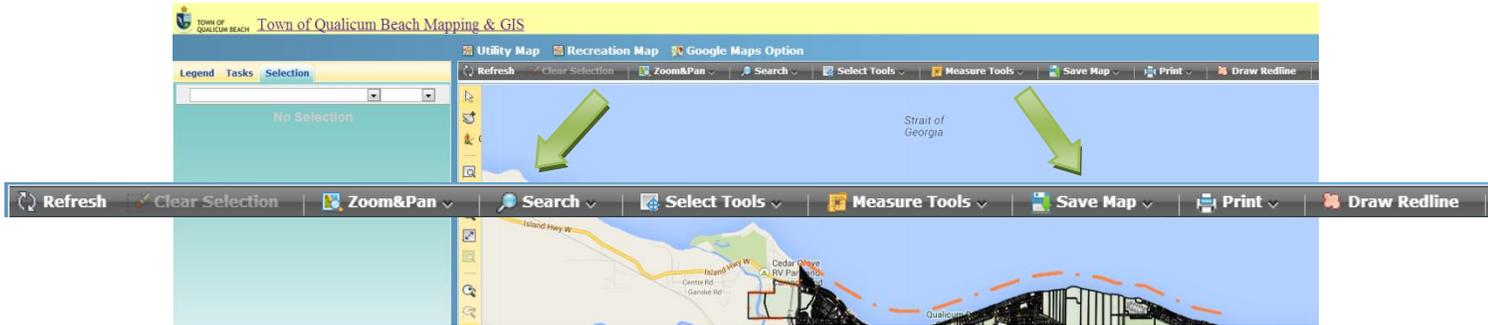
Attribute	Value
ParcelType	stratalot
Jurisdiction	
RollNumber	
PID	
CivicSuiteNumber	
CivicStreetNumber1	
CivicStreetFullName	
CivicCity	Qualicum Beach
CivicProvince	
Lot	COMMON
Block	
PlanNumber	
DistrictLot	
zoning	
Strata	
Layer	
DataCreation	
CivicStreetN	
CivicStreetT	
CivicStreetD	
Assessment	
QBID	
ObjectTypeE	

Attribute	Value
ParcelType	stratalot
Jurisdiction	
RollNumber	
PID	
CivicSuiteNumber	
CivicStreetNumber1	
CivicStreetFullName	
CivicCity	Qualicum Beach
CivicProvince	
Lot	
Block	
PlanNumber	
DistrictLot	
zoning	
Strata	
Layer	
DataCreationMetho	
CivicStreetName	

Attribute	Value
ParcelType	lot
Jurisdiction	565
RollNumber	170025
PID	002-111-951
CivicSuiteNumber	
CivicStreetNumber1	424
CivicStreetFullName	MILL RD
CivicCity	Qualicum Beach
CivicProvince	
Lot	A
Block	
PlanNumber	27497
DistrictLot	53
zoning	R1
Strata	
Layer	CDL-LOT-LIN-EXI
Comments	
DataCreationMethod	COGO
CivicStreetName	MILL RD

d. Tool Bar (Horizontal)

The Tool Bar (Horizontal) includes most of the common tools of TQB-GIS: Select, Search, Zoom, Pan, Print, and Measure.



- **Refresh**  Refresh

Clicking on the **Refresh** Button reloads the entire layer set of the map.

- **Clear Selection**  Clear Selection

Clicking on the **Clear Selection** Button de-selects anything that is selected and highlighted on the map. This function is only enabled when there is a current selection on the map.

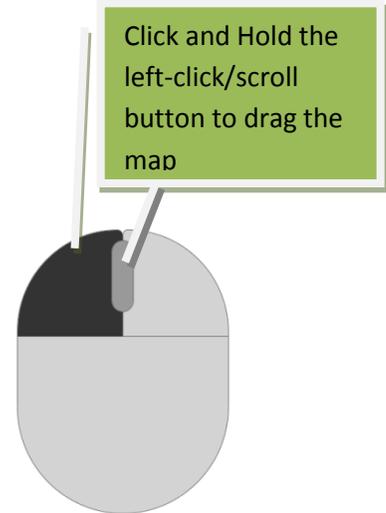
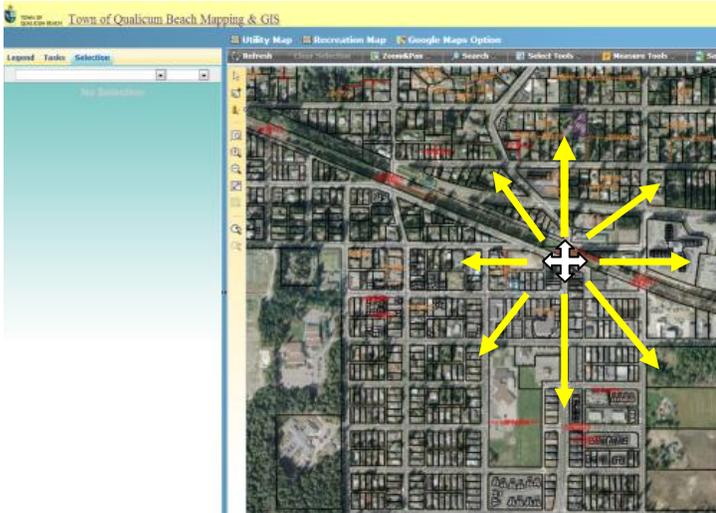
- **Zoom & Pan**  Zoom&Pan

Clicking/Hovering on the **Zoom & Pan** dropdown button will display a menu list of all the Zoom & Pan functions.



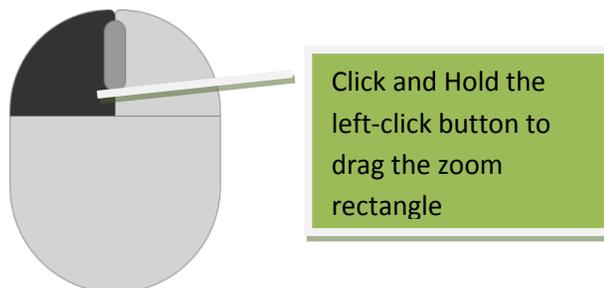
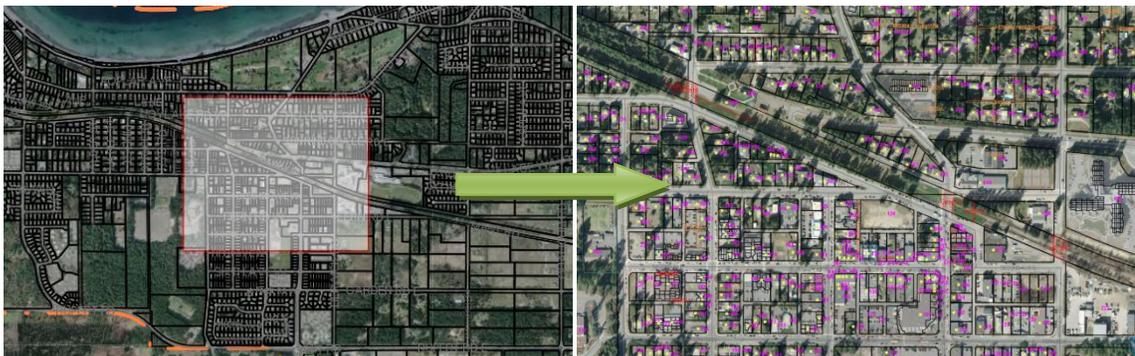
❖ Pan

The Pan tool  allows you to “drag” the map and navigate to a new location. To change the location, click and hold the left mouse button and move the mouse in any direction. When you are holding the left/scroll button, the white hand  symbol will turn to Quad Arrow  symbol



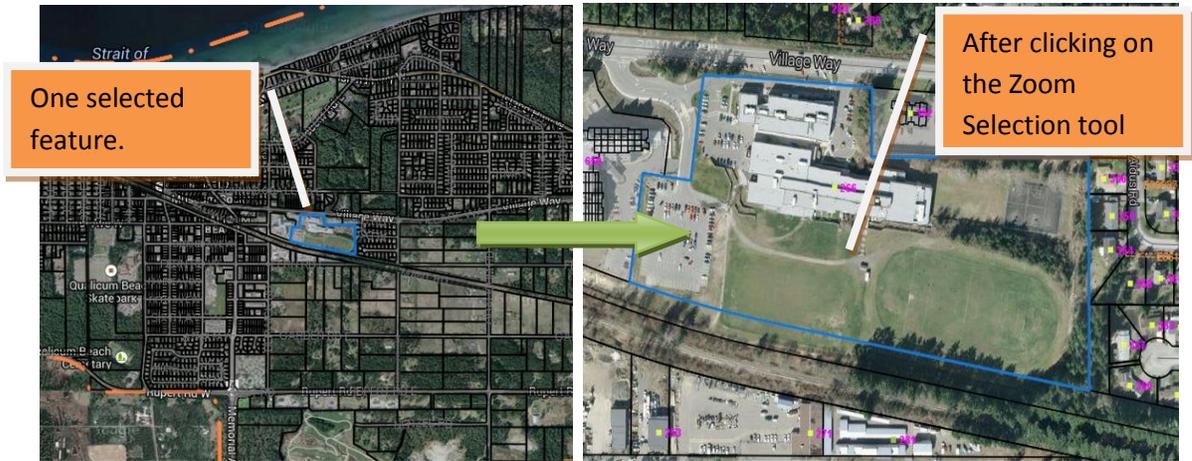
❖ Zoom Rectangle

The Zoom Rectangle tool  allows you to draw a zoom window around your area of interest. Use the left-click button of the mouse to drag a rectangle on the map and the TQB-GIS will zoom to area of the dragged rectangle.



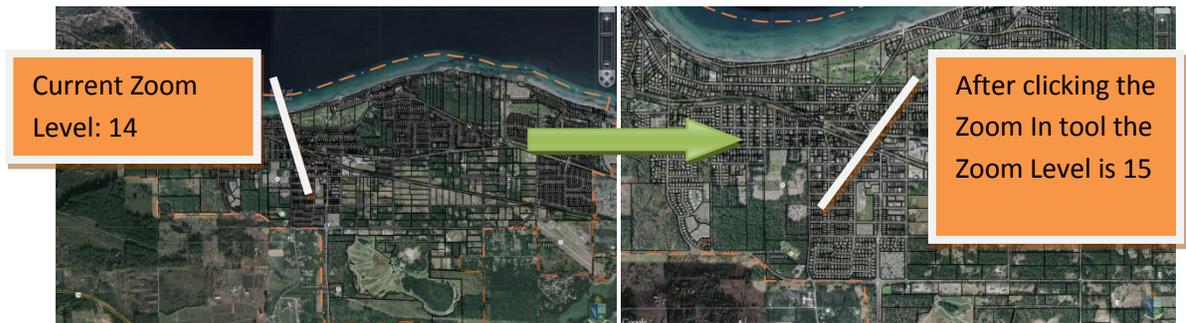
❖ Zoom Selection

The Zoom Selection tool  Zoom Selection will zoom to the extents of any selected features. If there is no selected feature on the map, the Zoom Selection button will be disabled.



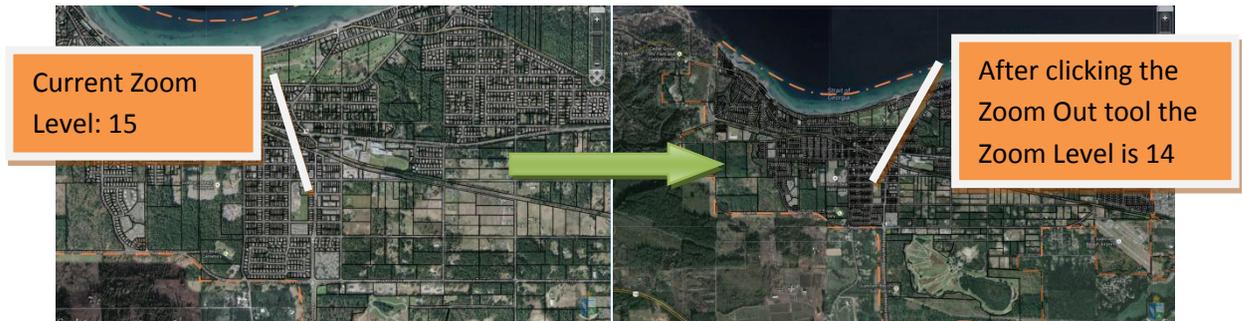
❖ Zoom In

Clicking the Zoom In tool  Zoom In increases the map zoom scale by one.



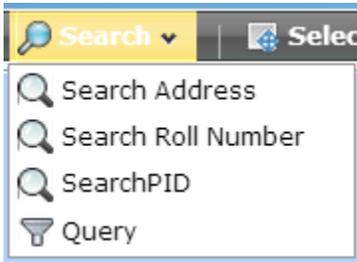
❖ Zoom Out

Clicking the Zoom Out tool  Zoom Out decreases the map zoom scale by one.



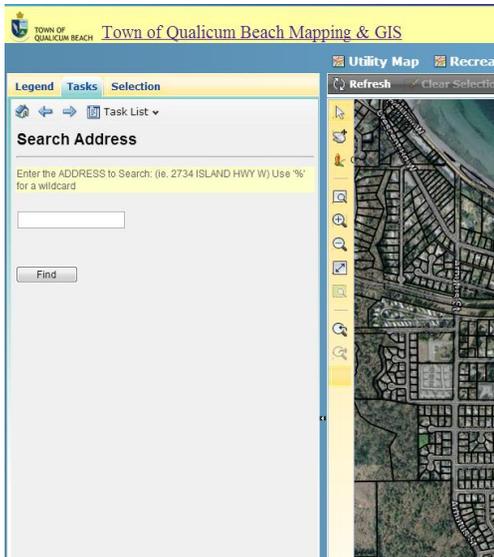
- **Search** 

Clicking/Hovering on the **Search** dropdown button will display a menu list of all of the Search functions:

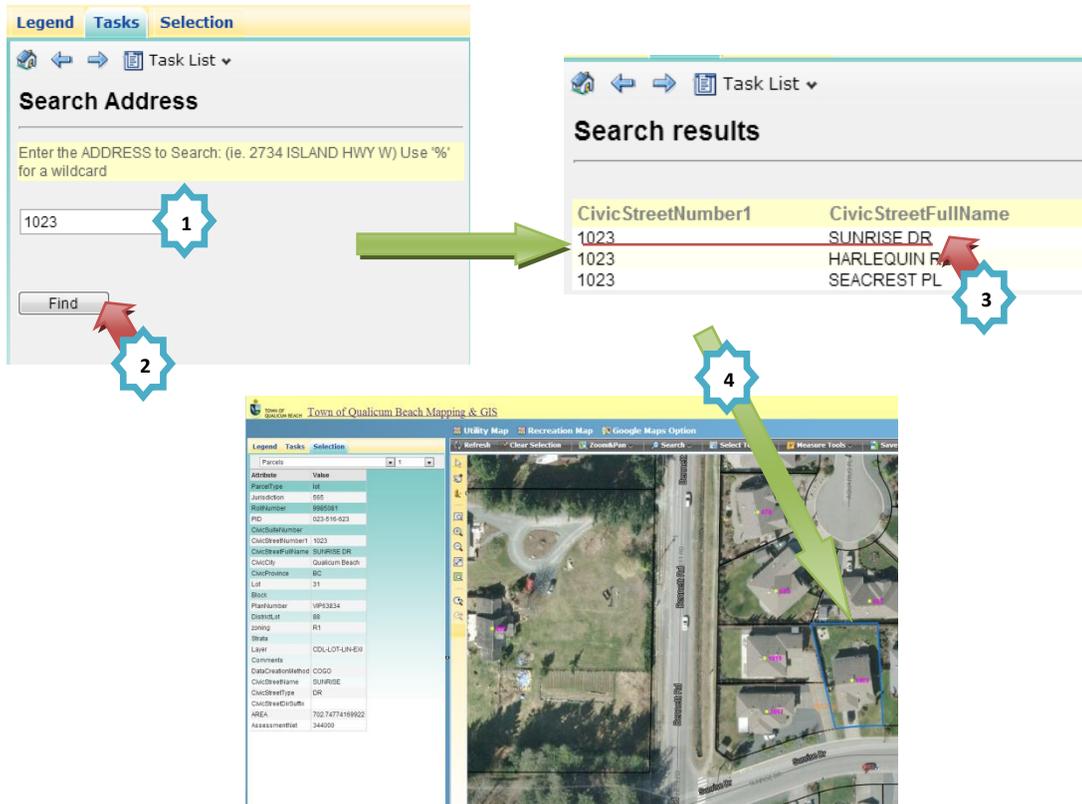


❖ Search Address

Clicking on the Search Address tool  Search Address opens the Tasks panel at the left-hand side of the map and allows you to search Cadastral Parcels by entering the Street Address information (Street Number + Street Name). For example: 2734 ISLAND HWY W.



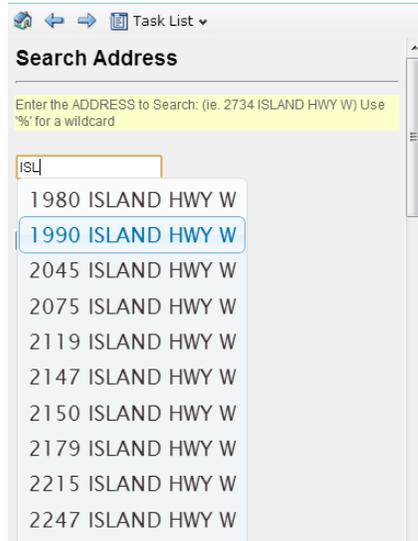
Example 1: The TQB-GIS will list all possible addresses where it finds a match when the user only enters a “Street Number” or “Street Name”. Once the list appears, click on one address option of the search results. The system will automatically zoom and highlight the selected property.



Example 2: The TQB-GIS will show only one specific search result if the user enters both a correct “Street Number” and “Street Name”. Clicking on the result will automatically zoom to and highlight the selected property.

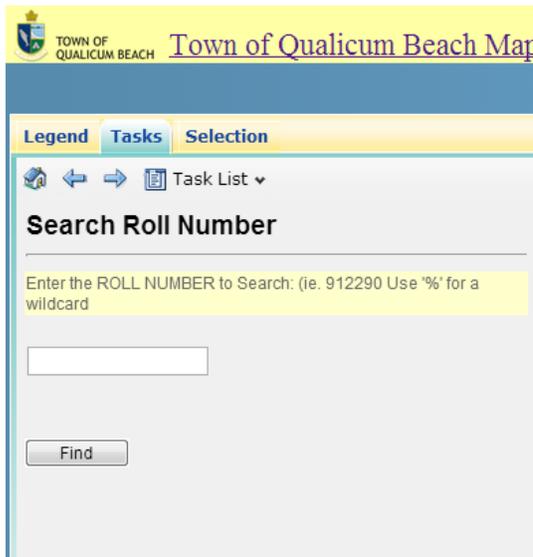


Note: The TQB-GIS includes auto-complete address hints for the user when typing the street name or number.



❖ Search Roll Number

Clicking on the Search Roll Number  tool opens the Tasks panel at the left-hand side of the TQB-GIS map and allows you to search Cadastral Parcels by entering a Roll Number.



Example 1: The TQB-GIS will only show one specific search result if you enter a correct Roll Number. Clicking on the result will automatically zoom to and highlight the selected property.

Search Roll Number

Enter the ROLL NUMBER to Search: (ie. 912290 Use '%' for a wildcard)

522000

Find

Search results

Roll Number	PID
522000	004-190-513

Parcels

Attribute	Value
ParcelType	lot
Jurisdiction	565
RollNumber	522000
PID	004-190-513
CivicSuiteNumber	
CivicStreetNumber1	189
CivicStreetFullName	SUNNINGDALE RD W
CivicCity	Quaticum Beach
CivicProvince	
Lot	1
Block	17
PlanNumber	2005
DistrictLot	57, 58
zoning	R14
Strata	
Layer	CDL-LOT-LIN-EXI
Comments	
DataCreationMethod	COGO
CivicStreetName	SUNNINGDALE
CivicStreetType	RD
CivicStreetDirSuffix	W
AREA	962.18255615234
AssessmentNet	

Refresh Clear Selection Zoom&Pan

579

189

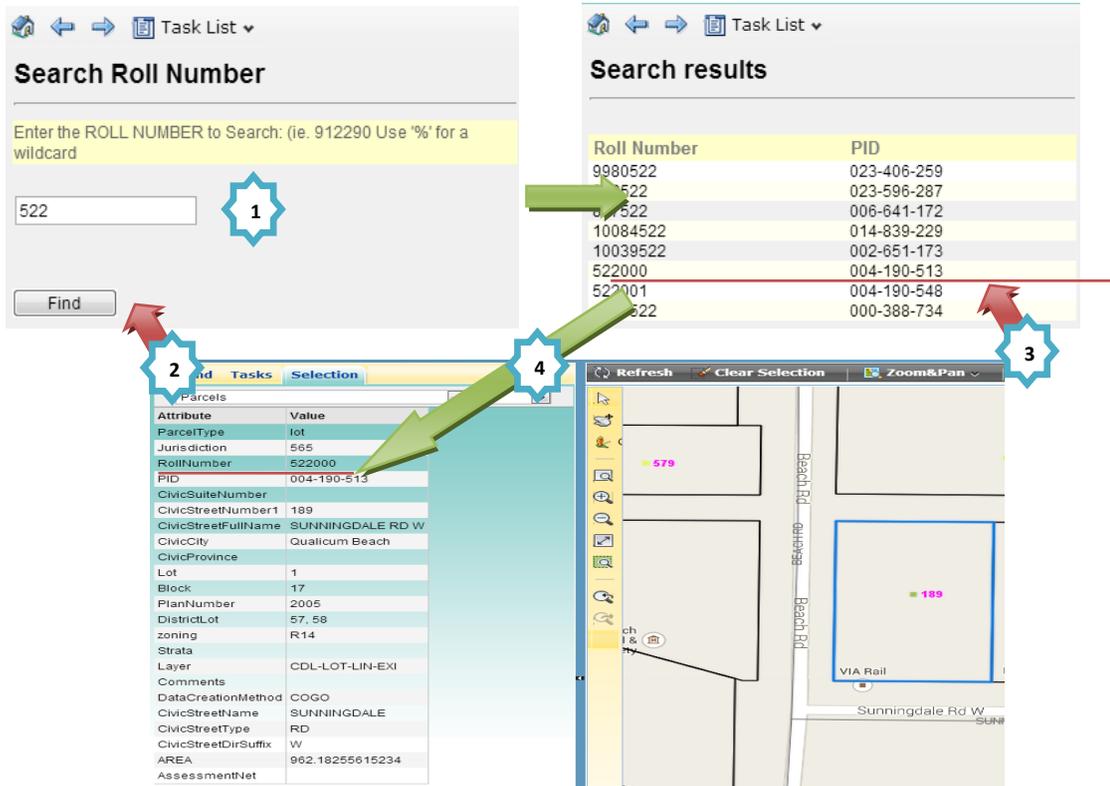
Beach Rd - 04-05-09

Beach Rd

VIA Rail

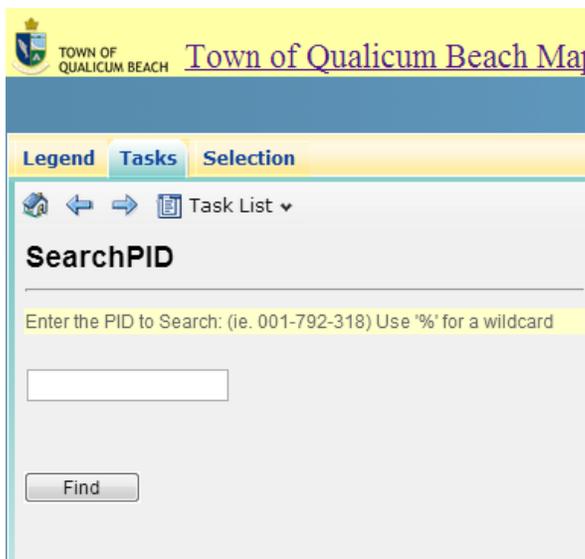
Sunningdale Rd W

Example 2: The TQB-GIS will display all search results with a partial match if the user enters an incomplete Roll Number. Clicking on one of the search result will automatically zoom to and highlight the selected property.



❖ Search PID (Parcel ID)

Clicking on the Search PID tool  SearchPID allows you to search Cadastral Parcels by entering a Property ID (PID).



Example 1: The TQB-GIS will only show one specific search result if you enter a correct PID. Clicking on the result will automatically zoom to and highlight the selected property.

The image illustrates the search process in TQB-GIS through four numbered steps:

- Step 1:** The user enters the PID "024-983-748" into the search field.
- Step 2:** The user clicks the "Find" button.
- Step 3:** The search results table displays the following data:

Roll Number	PID
9980551	024-983-748

- Step 4:** The user clicks on the result, which triggers a zoom to the map and displays the following attribute table:

Attribute	Value
ParcelType	lot
Jurisdiction	555
RollNumber	9980551
PID	024-983-748
CivicSuiteNumber	
CivicStreetNumber1	1173
CivicStreetFullName	ORMONDE RD
CivicCity	Qualicum Beach
CivicProvince	BC
Lot	1
Block	
PlanNumber	VIP72139
DistrictLot	88
zoning	R1
Strata	
Layer	CDL-LOT-LIN-EXI
Comments	
DataCreationMethod	COGO
CivicStreetName	ORMONDE
CivicStreetType	RD
CivicStreetDirSuffix	
AREA	758.49981689453
AssessmentNet	451000

The map view shows an aerial image of a residential area with a blue rectangle highlighting the specific parcel corresponding to the search results.

Example 2: The TQB-GIS will display all search results with a partial match if the user enters an incomplete PID. Clicking on one of the search results will automatically zoom to and highlight the selected property.

SearchPID

Enter the PID to Search: (ie. 001-792-318) Use '%' for a wildcard

024-983

Find

Search results

Roll Number	PID
9980551	024-983-748
9980552	024-983-756
9980553	024-983-764
9980554	024-983-772
9980555	024-983-781
9980556	024-983-799
9980557	024-983-802
9980558	024-983-811
9980559	024-983-829
9980560	024-983-837
9980561	024-983-845
9980562	024-983-853
9980563	024-983-861
9980564	024-983-870
9980565	024-983-888

Attribute Table

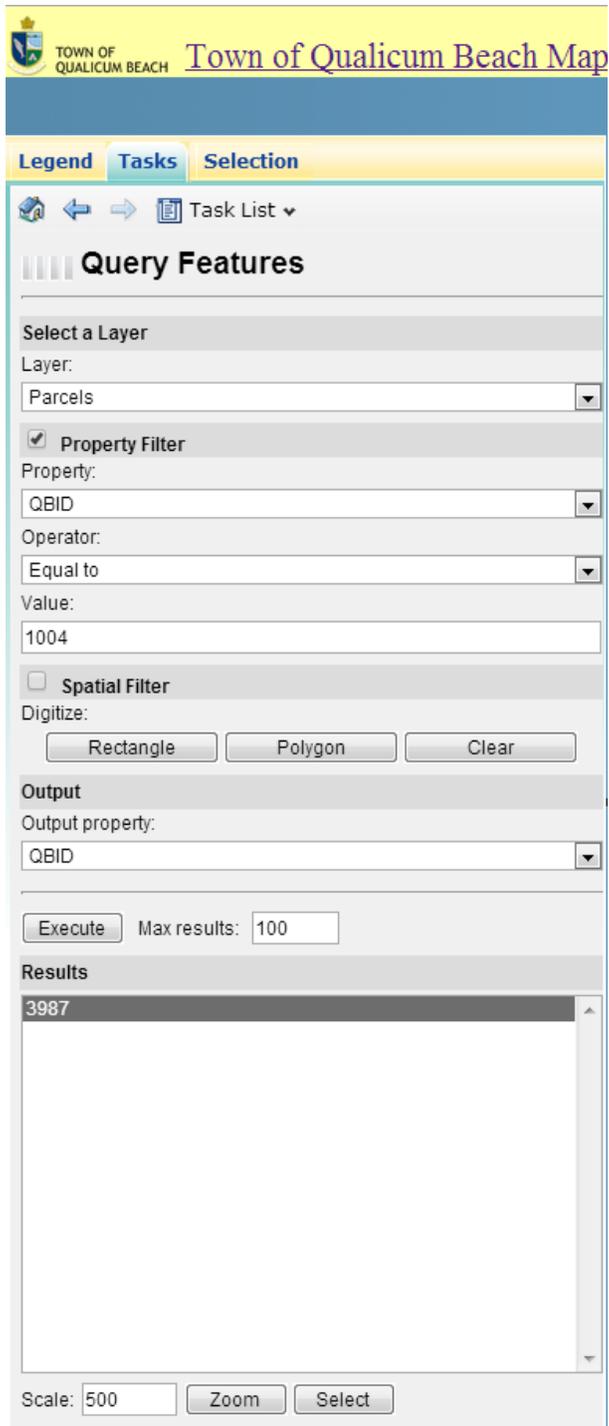
Attribute	Value
ParcelType	lot
Jurisdiction	565
RollNumber	9980551
PID	024-983-748
CivicSuiteNumber	
CivicStreetNumber1	1173
CivicStreetFullName	ORMONDE RD
CivicCity	Qualicum Beach
CivicProvince	BC
Lot	1
Block	
PlanNumber	VIP72139
DistrictLot	88
zoning	R1
Strata	
Layer	CDL-LOT-LIN-EXI
Comments	
DataCreationMethod	COGO
CivicStreetName	ORMONDE
CivicStreetType	RD
CivicStreetDirSuffix	
AREA	758.49981689453
AssessmentNet	451000

Map

Refresh Clear Selection Zoom&Pan

❖ Query

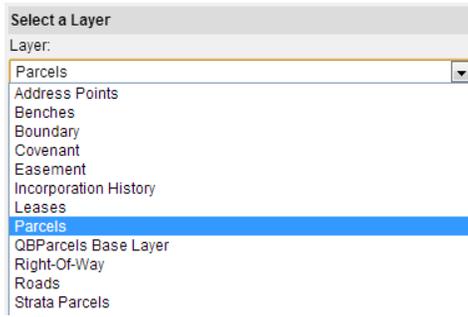
Clicking on the Query tool  allows you to search the map by using a **Property Filter** and **Spatial Filter** for narrowing your search.



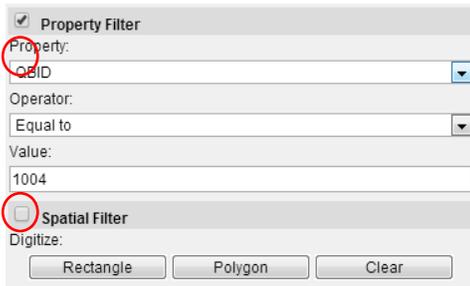
The screenshot shows the 'Query Features' panel in the Town of Qualicum Beach Map application. The panel is titled 'Query Features' and has three tabs: 'Legend', 'Tasks', and 'Selection'. Below the tabs are navigation icons and a 'Task List' dropdown. The main area is divided into several sections:

- Select a Layer:** A dropdown menu showing 'Parcels'.
- Property Filter:** A checked checkbox, with a 'Property:' dropdown set to 'QBID', an 'Operator:' dropdown set to 'Equal to', and a 'Value:' text input containing '1004'.
- Spatial Filter:** An unchecked checkbox, with 'Digitize:' options for 'Rectangle', 'Polygon', and 'Clear' buttons.
- Output:** An 'Output property:' dropdown set to 'QBID'.
- Execute:** An 'Execute' button and a 'Max results:' input set to '100'.
- Results:** A list box containing the number '3987'.
- Scale:** A 'Scale:' input set to '500', and 'Zoom' and 'Select' buttons.

STEP 1: Select the desired layer



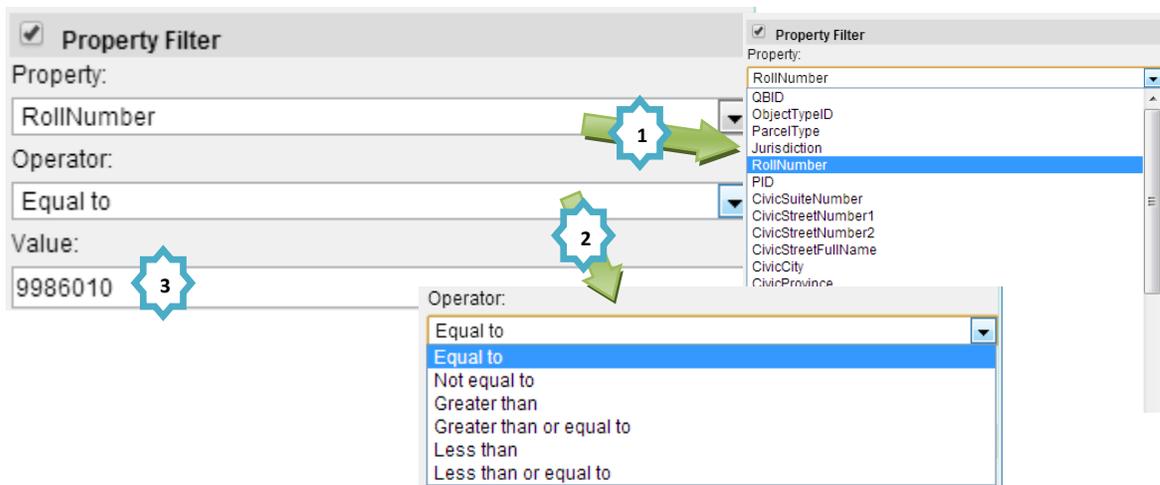
STEP 2: Choose which Filter(s) that you are going to use: Property and/or Spatial Filters



STEP 3:

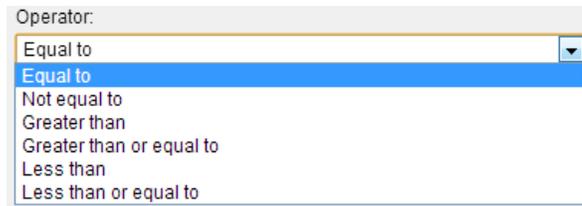
Property Filter Setting:

- Specify a data field for the selected Layer and select one of the comparison operators. Then, enter a value to filter your search.

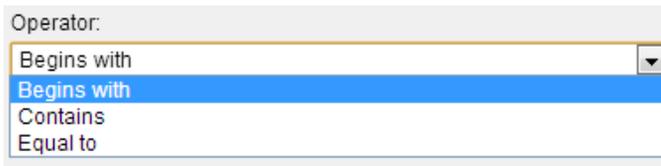


Depending on which data format you select, a different set of comparison operators will be available:

Numeric Data Format:



Text/String Data Format:



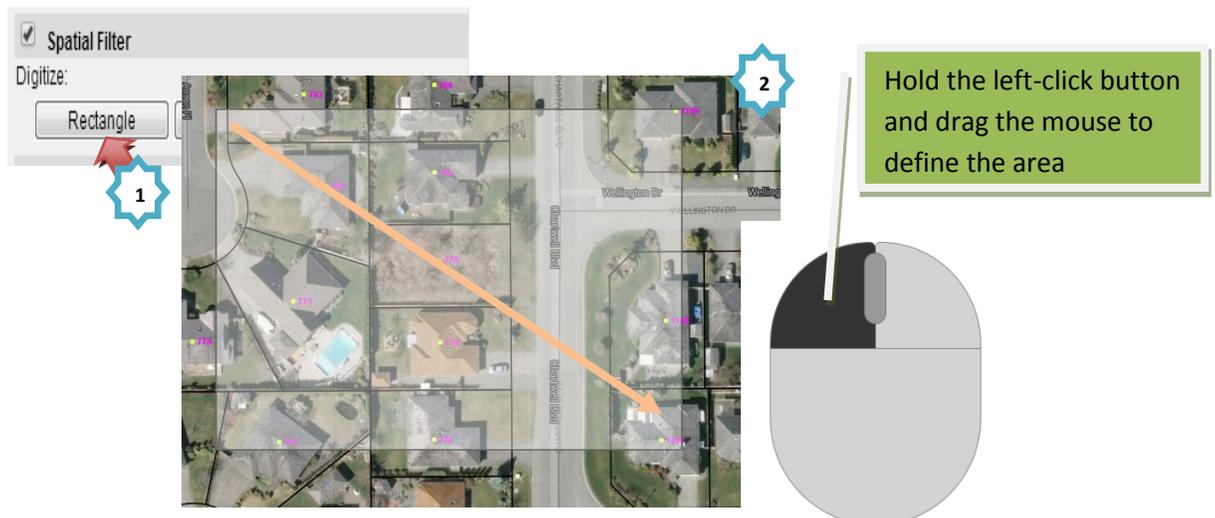
Spatial Filter Setting:

- The Spatial Filter allows you to define an area of interest on the map. You can further define the search by using objects that intersect the area or objects that are entirely within the area.

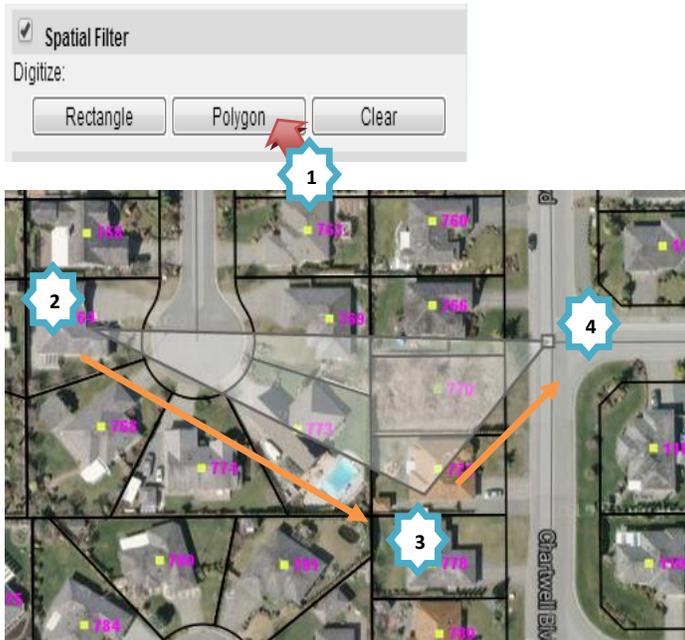
Note: If both Property & Spatial Filters are used, the search results will be restricted by both Filters.



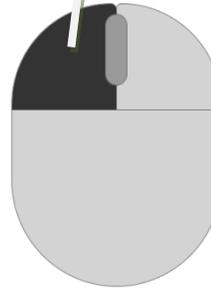
- There are two different ways to draw the Spatial Filter
 - Rectangle:



○ Polygon:



Click on left-click button to draw each point in a polygon on the map. Double click the last point to finish the drawing process.



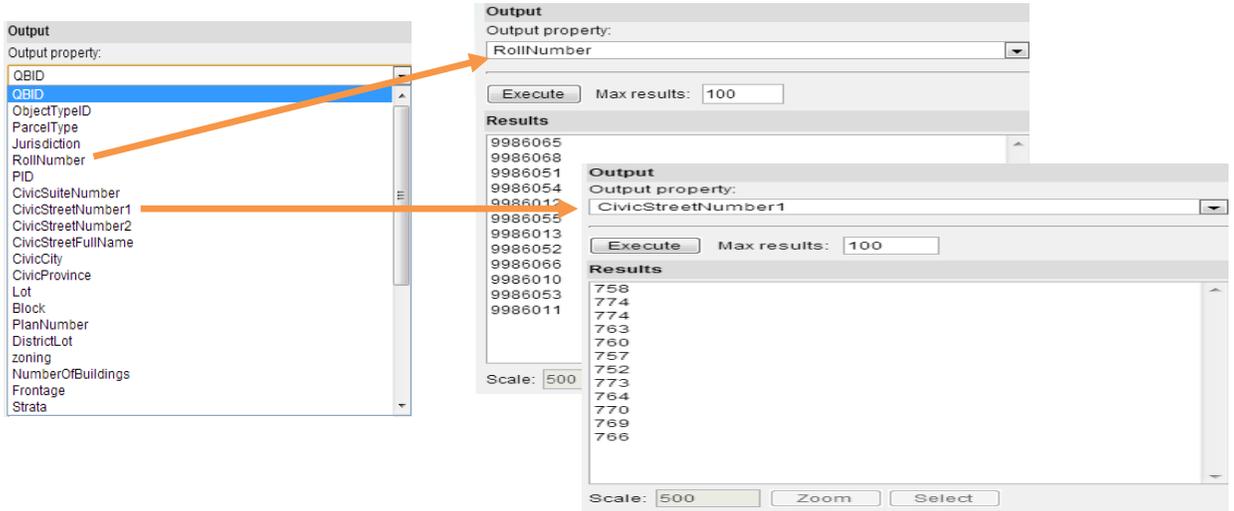
▪ Removing the Spatial Filter on the map



Click on the Clear button under the Spatial Filter section.

STEP 4: Selecting the Output property.

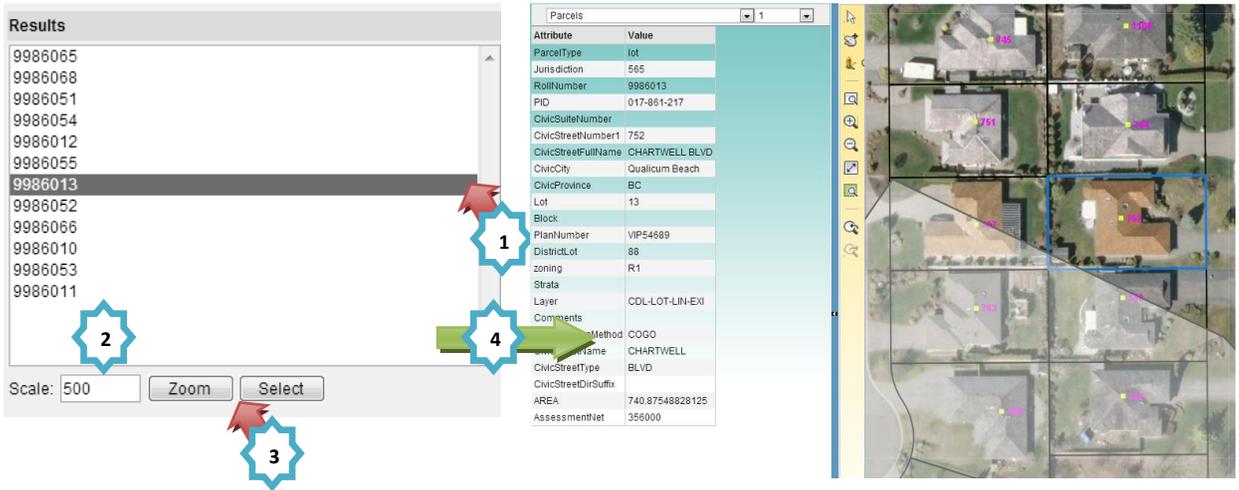
You can select which fields are displayed in the Results box.



STEP 5: Execute the custom query and define the Max result number.

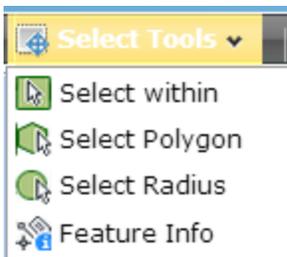


STEP 6: Select one of the search results that you would like to see and enter the zoom scale to view the final results.



- **Select Tools**

Clicking/Hovering on the **Select Tools** dropdown button will display a menu list of all of the Select Tools

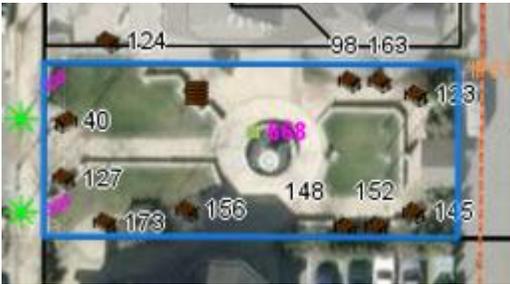


- ❖ **Select within**

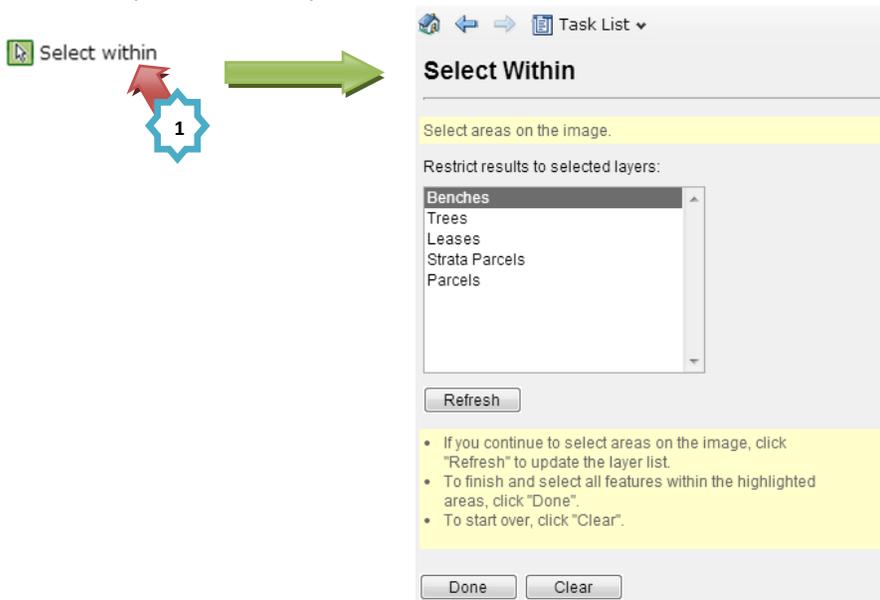
Clicking on the Select Within tool selects objects within an existing, selected map feature such as a parcel boundary. If there is no selected feature on the map, this tool will be disabled.

Example 1: Selecting all the Bench features within a property boundary

STEP 1: Select the property lot on the map



STEP 2: By choosing the Select Within tool, you can restrict the results to the “Benches” Layer (or other layers on the map)



STEP 3: Click the “Done” button to finish the selection process or click the “Clear” button to start over



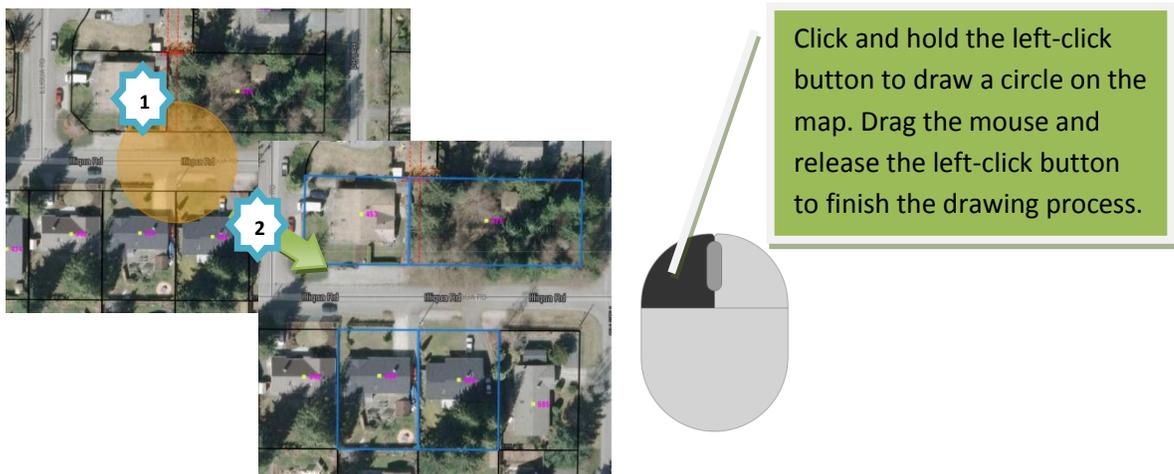
❖ Select Polygon

Clicking on the Select Polygon tool  Select Polygon will allow you to draw a temporary polygon on the map where all the features inside or intersecting the polygon will be selected.



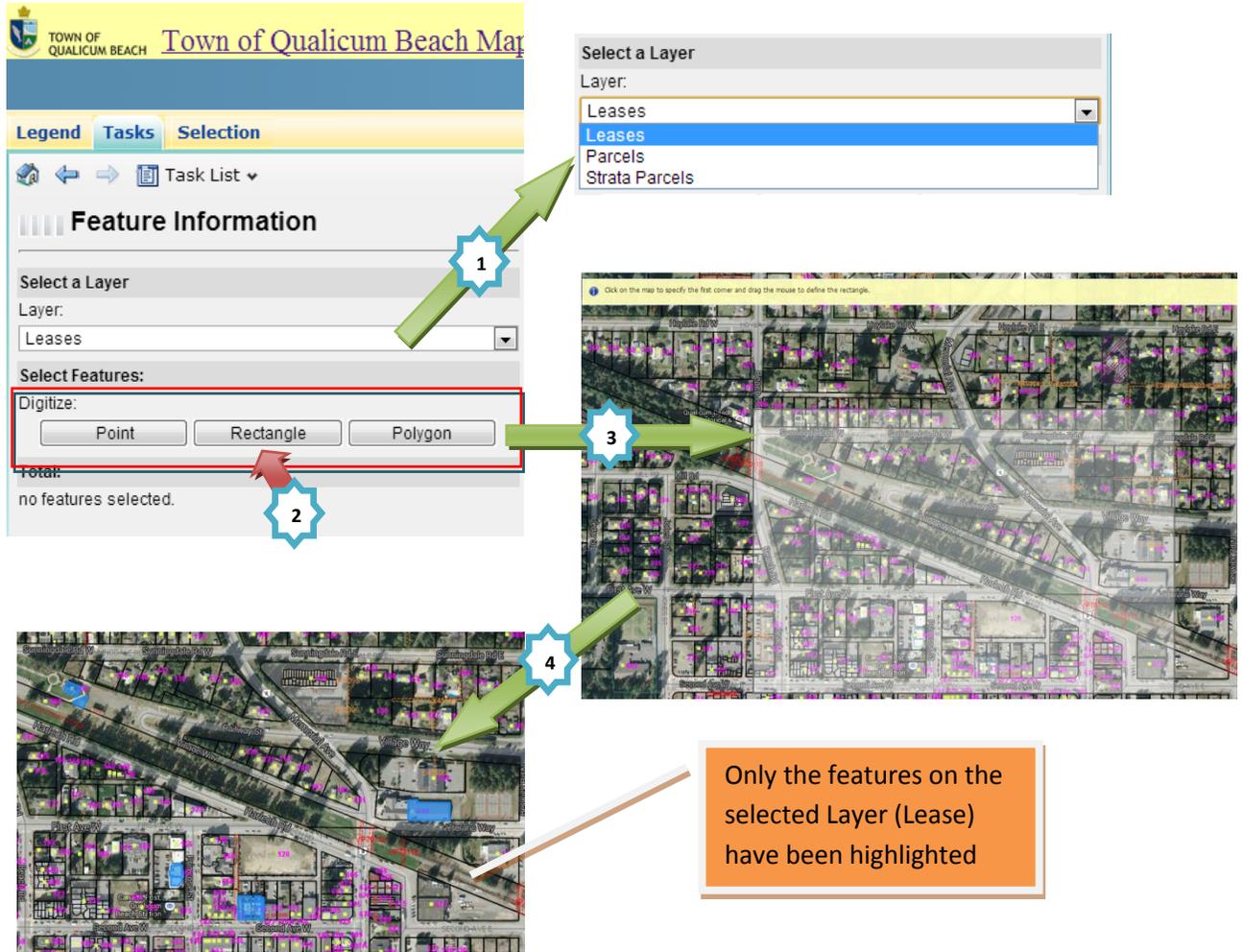
❖ Select Radius

Clicking on the Select Radius tool  Select Radius will allow you to draw a temporary circle on the map where all the features inside or intersecting the circle will be selected.



❖ Feature Info

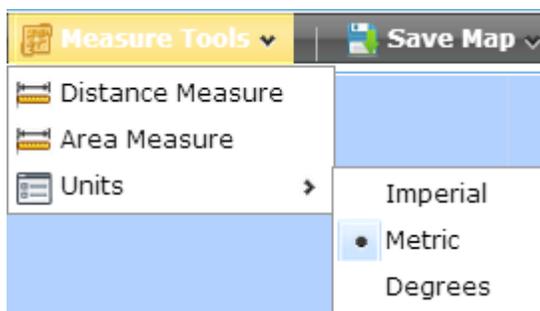
Clicking on the Feature Info tool  will allow you to choose the Layer and select feature types (Point, Rectangle, and Polygon).



The image illustrates the process of using the Feature Information tool. It shows a screenshot of the 'Town of Qualicum Beach Map' interface with the 'Feature Information' panel open. The panel includes a 'Select a Layer' dropdown menu with 'Leases' selected, and a 'Digitize' section with buttons for 'Point', 'Rectangle', and 'Polygon'. A red box highlights the 'Digitize' buttons, and a blue circle with the number '2' points to them. A green arrow labeled '1' points from the 'Feature Information' panel to a separate 'Select a Layer' dialog box. A green arrow labeled '3' points from the 'Digitize' buttons to a map showing a rectangular selection area. A green arrow labeled '4' points from the map to a zoomed-in view of the selected area, where only the features on the 'Leases' layer are highlighted in purple. An orange callout box with a white arrow pointing to the highlighted features contains the text: 'Only the features on the selected Layer (Lease) have been highlighted'.

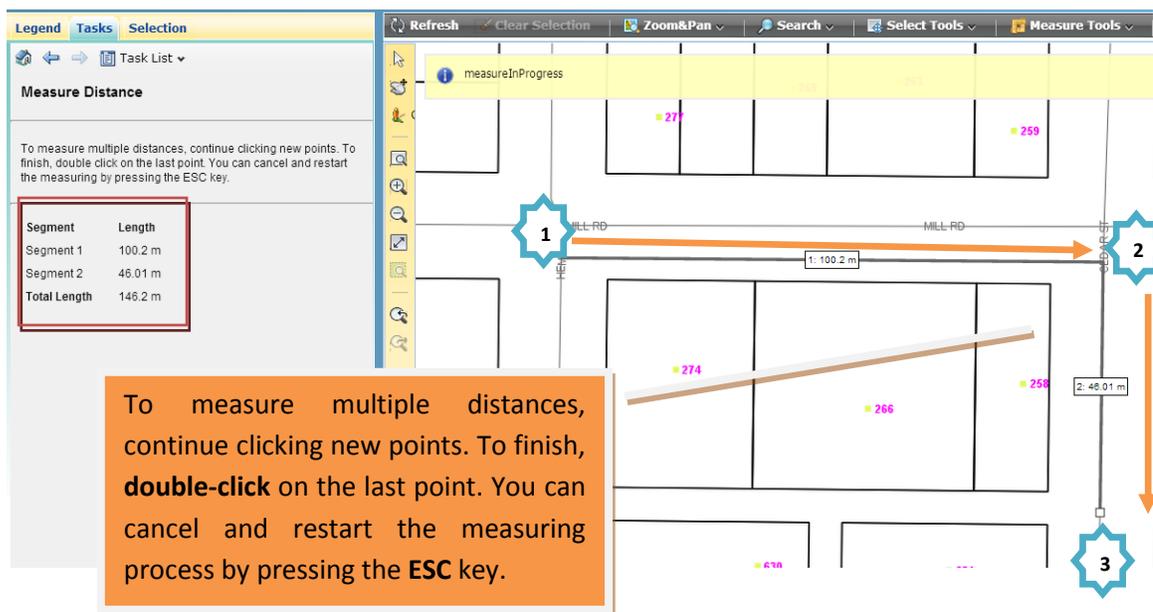
- **Measure Tools**  **Measure Tools** ▾

Clicking/Hovering on the Measure Tools  Feature Info will display a list of measurement options.



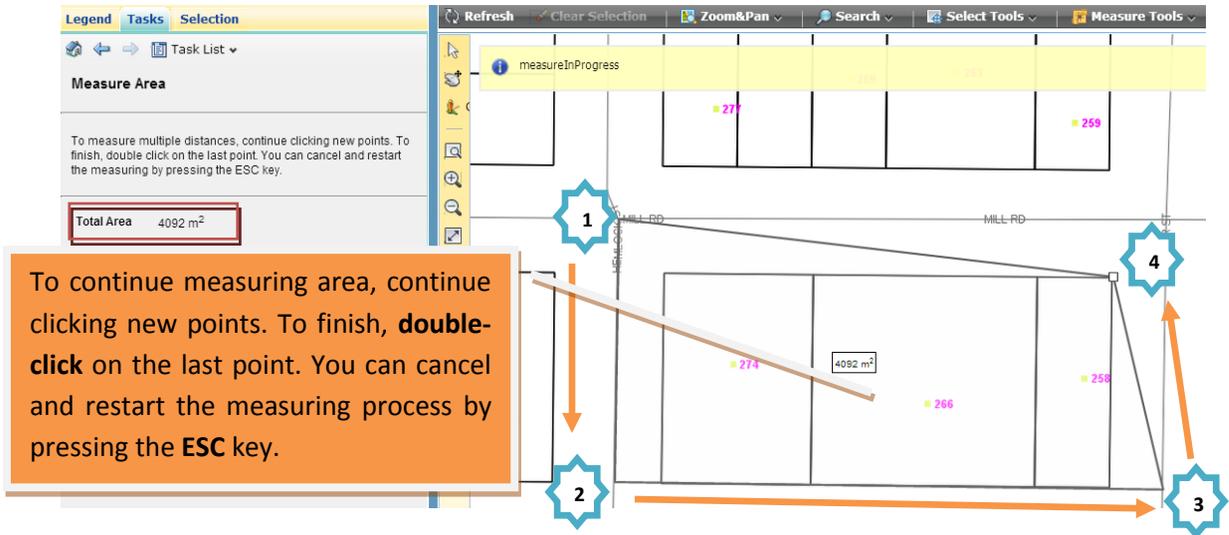
- ❖ Distance Measure

Clicking on the Distance Measure tool  Distance Measure will allow you to measure a distance by picking points on the map. The distance(s) will be displayed in the current units (the default unit is Meter m). The **measurement information** will be displayed on the Tasks Panel and the TQB-GIS will automatically count the length of each segment and the total length of all of all segments.



❖ Area Measure

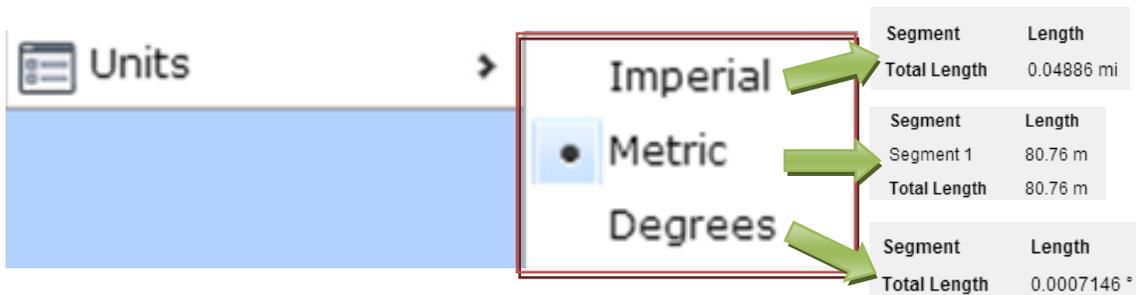
Clicking on the Area Measure tool  will allow you to measure an area by picking points of a polygon on the map. The distance(s) will be displayed in the current units (the default unit is Square Meters m²). The **measurement information** will be displayed in the Tasks Panel and the TQB-GIS will automatically provide a total area for the polygon.



To continue measuring area, continue clicking new points. To finish, **double-click** on the last point. You can cancel and restart the measuring process by pressing the **ESC** key.

❖ Units

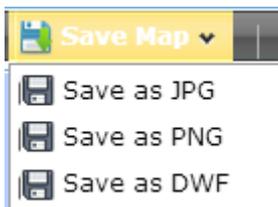
Clicking/Hovering on the Units tool  displays a dropdown list of measurement units where the default unit can be changed.



Segment	Length
Total Length	0.04886 mi
Segment	Length
Segment 1	80.76 m
Total Length	80.76 m
Segment	Length
Total Length	0.0007146 °

• **Save Map** 

Clicking/Hovering on the **Save Map** dropdown button gives the option to save the displayed map in one of the listed file formats.



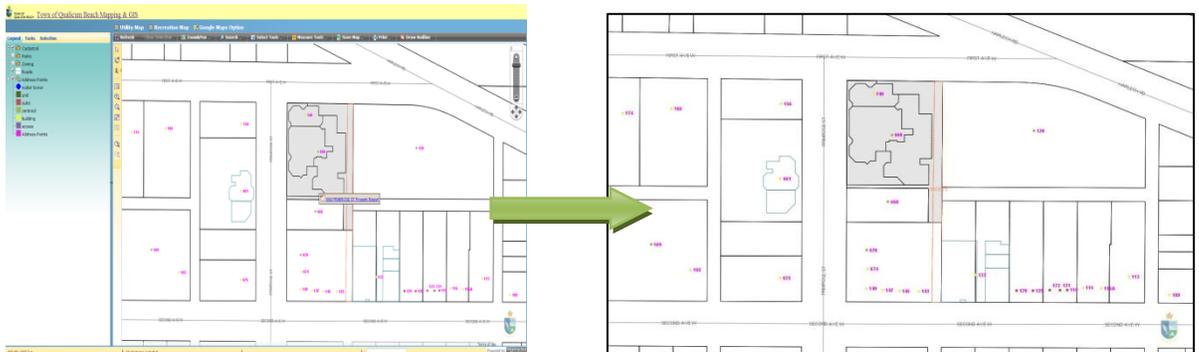
❖ Save as JPG

Clicking on the Save as JPG tool  Save as JPG will allow you to download the current map view as a JPG image file (ex: Property52977c9f09c0c.jpg).



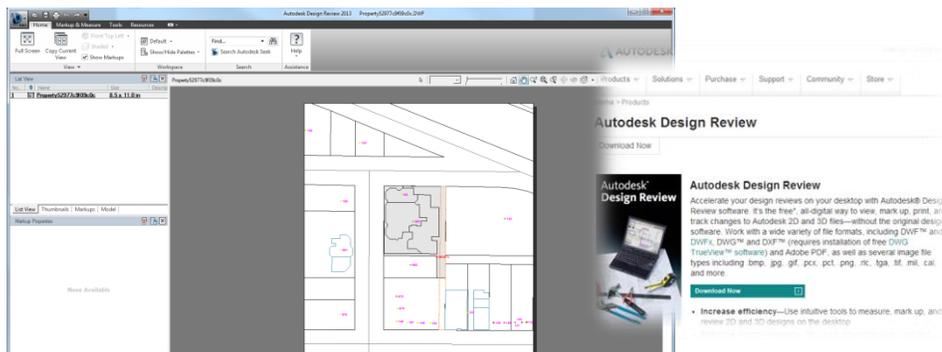
❖ Save as PNG

Clicking on the Save as PNG tool  Save as PNG will allow you to download the current map view as a PNG image file (ex: Property52977c9f09c0c.png).



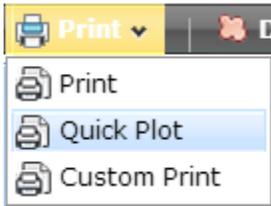
❖ Save as DWF ([Design Web Format](#))

Clicking on the Save as DWF tool  Save as DWF will allow you to download the current map view as a DWF file (ex: Property52977c9f09c0c.dwf). [Autodesk Design Review](#) is required to view DWF files.



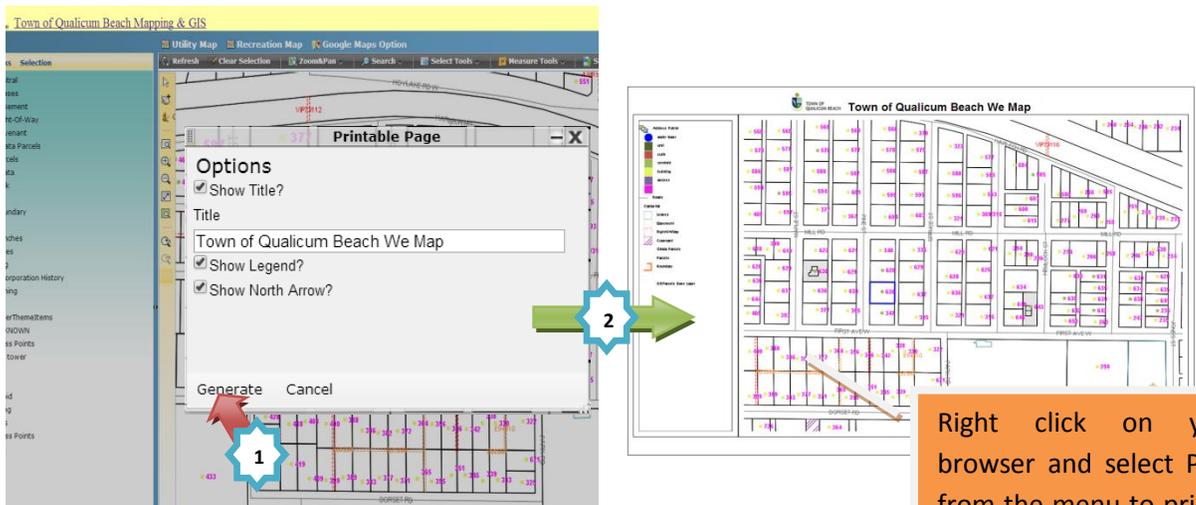
- **Print**  **Print** ▾

Clicking/Hovering on the **Print** dropdown button will list all of the Print tools available.



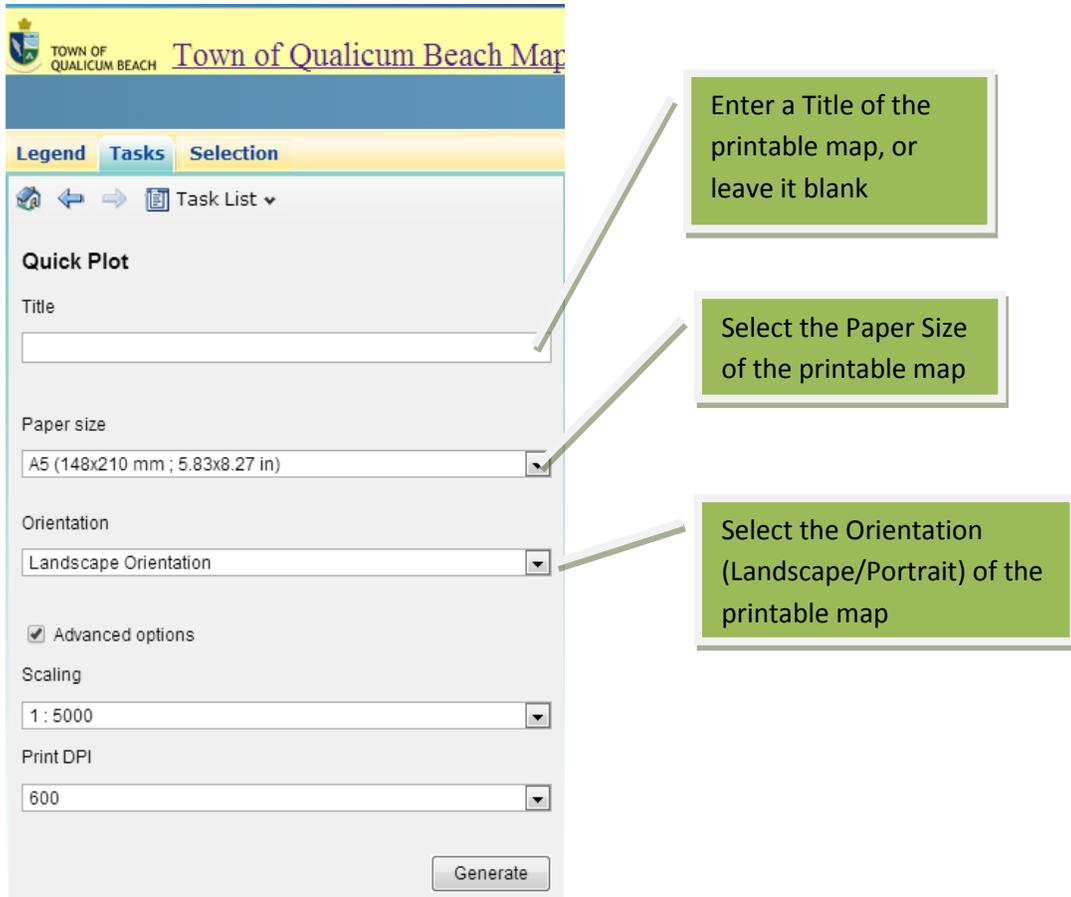
❖ Print

Clicking on the Print tool  will allow you to print a map of the current view. You can adjust the basic print settings via checkboxes to include a Title, Legend, and North Arrow.



Right click on your browser and select Print from the menu to print a hardcopy map.

- ❖ Clicking on the Quick Plot tool  will allow you to print a map of the current view. You can adjust the print settings in the Task Panel for adding a Title, Paper Size, Orientation, Scale factor, and Dot Per Inch (DPI) quality.
Note: the Advanced Options box must be selected in order to adjust the Scaling and DPI features.

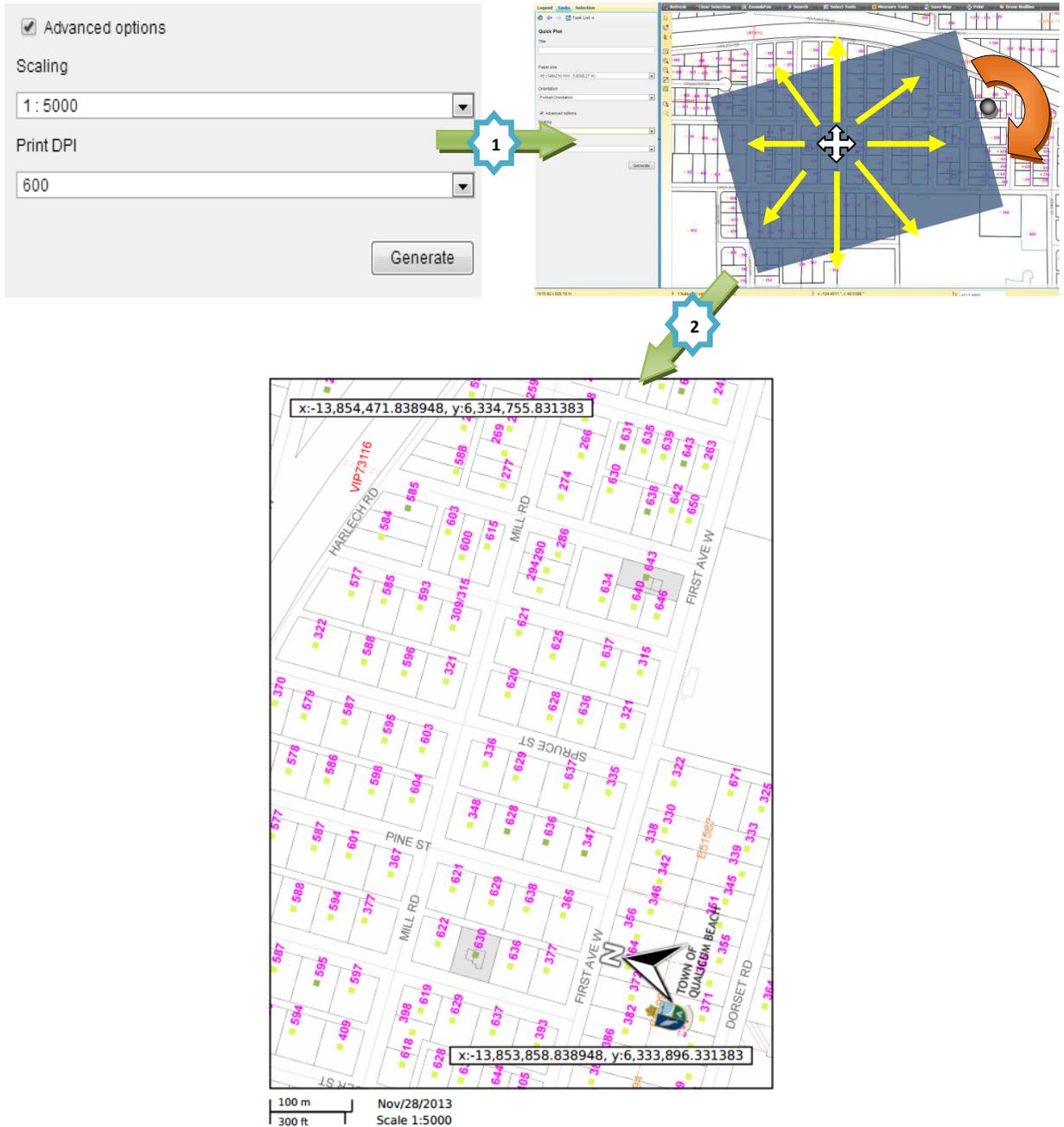


The screenshot shows the 'Quick Plot' task panel in the 'Town of Qualicum Beach Map' application. The panel is titled 'Quick Plot' and contains several input fields and a 'Generate' button. The fields are: 'Title' (a text input field), 'Paper size' (a dropdown menu showing 'A5 (148x210 mm ; 5.83x8.27 in)'), 'Orientation' (a dropdown menu showing 'Landscape Orientation'), 'Advanced options' (a checked checkbox), 'Scaling' (a dropdown menu showing '1 : 5000'), and 'Print DPI' (a dropdown menu showing '600'). A 'Generate' button is located at the bottom right of the panel. Three callout boxes with arrows pointing to the 'Title', 'Paper size', and 'Orientation' fields provide instructions: 'Enter a Title of the printable map, or leave it blank', 'Select the Paper Size of the printable map', and 'Select the Orientation (Landscape/Portrait) of the printable map'.

Scaling & Print DPI:

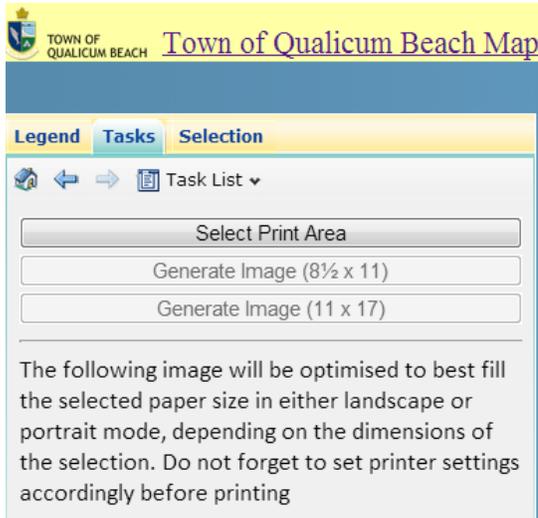
The Scaling feature offers seven options to best adjust the map based on needed requirements.

The printing box may also be rotated or dragged over the map to define the final map area.



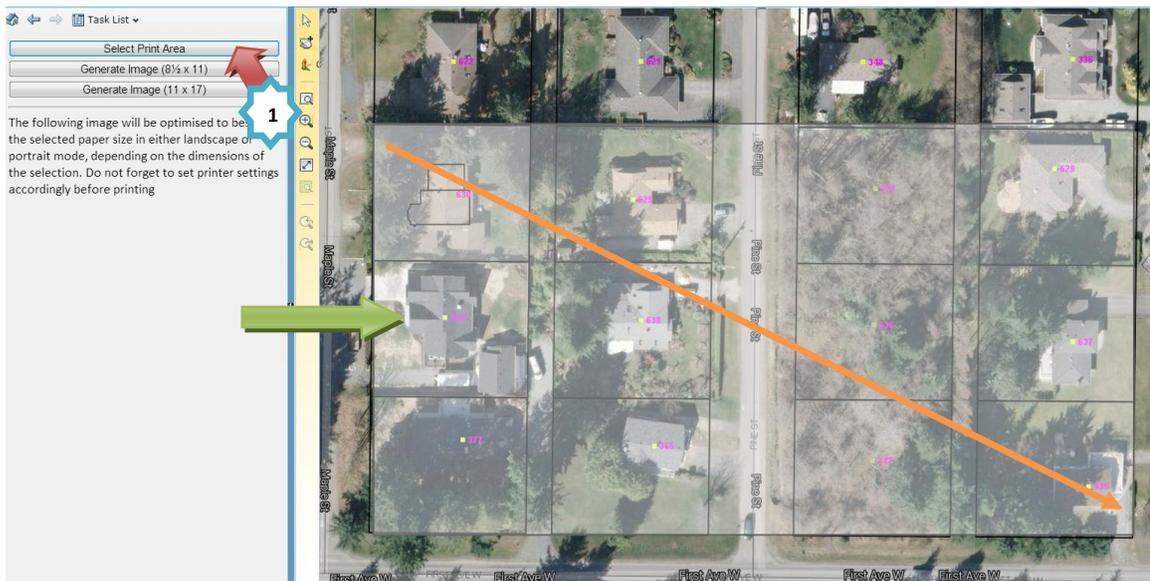
❖ Custom Print

Clicking on the Custom Print tool  Custom Print will allow you to create a custom image file of the selected area.



STEP 1:

Click on “Select Print Area” button and drag a rectangle on the map to define a print area.



STEP 2:

Click on “Generate Image (8½ x 11)” or “Generate Image (11 x 17)” to generate a printable map.
Note: The map will open up in a new window and the Internet browser must allow for pop-ups.

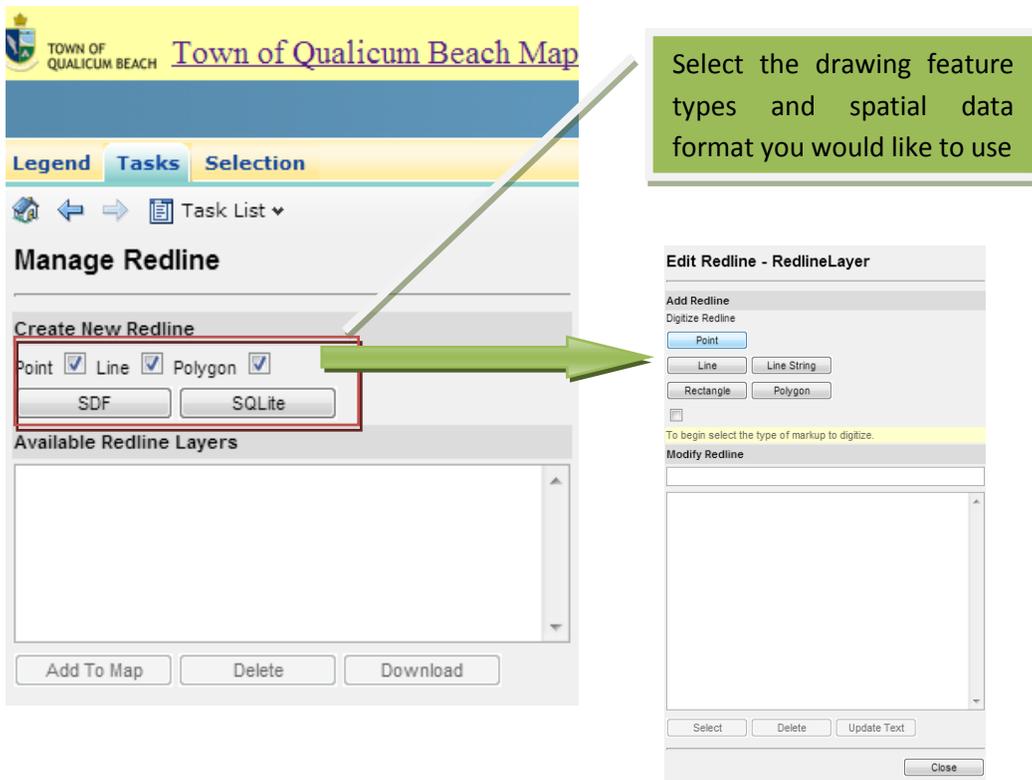
The resulting map image will be optimised to best fill the selected paper size in either landscape or portrait mode, depending on the dimensions of the selection. The printer settings should be set accordingly before printing the final map. This map is a temporary raster image and can also be dragged and dropped into another application such as Microsoft Word or Excel.



- **Draw Redline**  Draw Redline

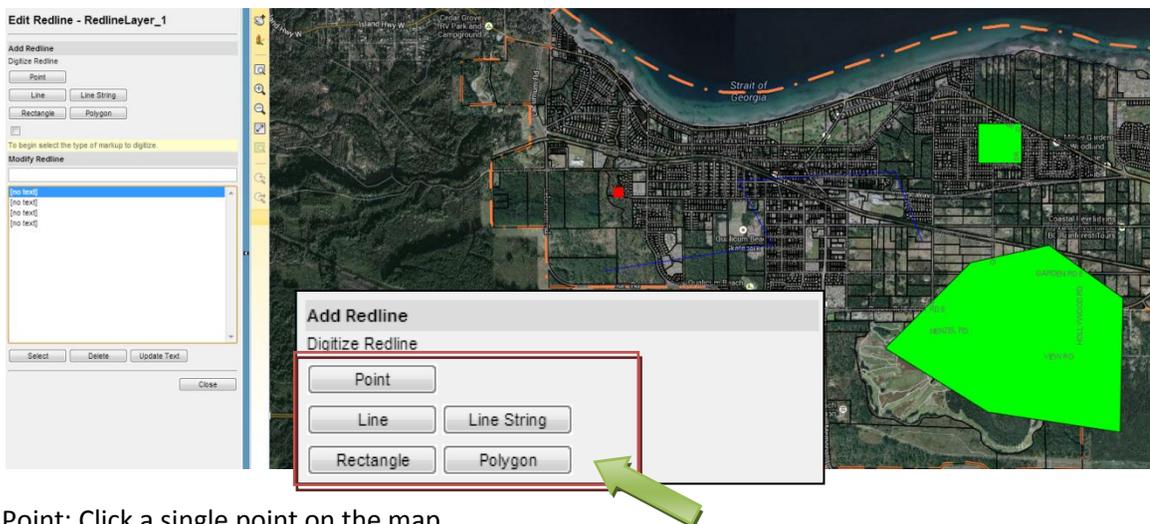
Clicking on the **Draw Redline** button will allow you to draw different geographic features on the maps. After creating new entities, you can download the drawing in [SDF/SQLite](#) file formats.

Creating a new Redline



Drawing Features on the Map

Click on one of the spatial feature types and begin drawing on the map.



Point: Click a single point on the map

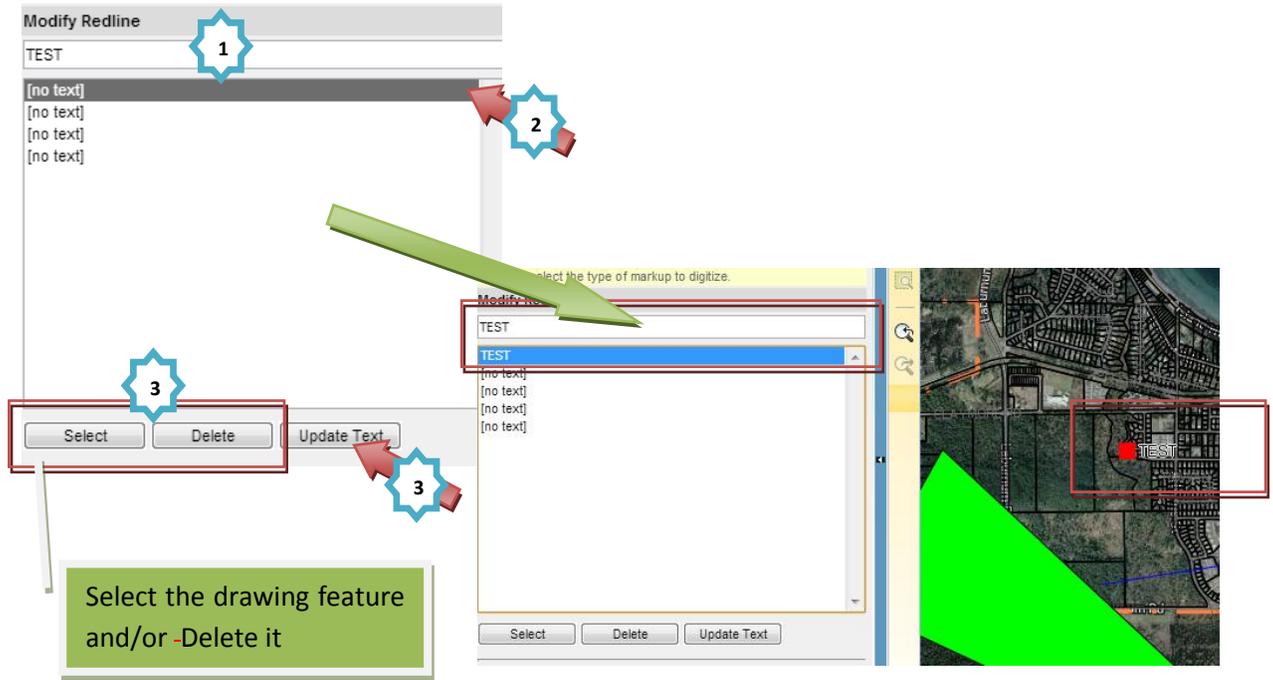
Line: Click two unique points on the map

Line String: Click on multiple points on the map and finish drawing by double-clicking on the left mouse button

Rectangle: Drag a rectangle on the map by picking 2 unique points

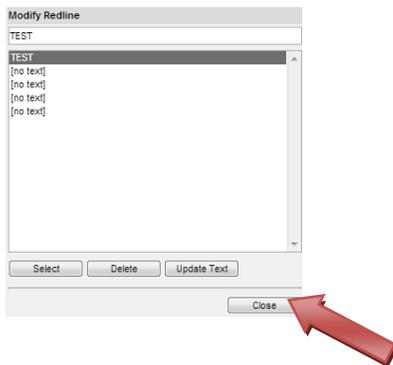
Polygon: Click on at least three unique points on the map and finish drawing by double-clicking on the left mouse button

Selecting, Updating, or Deleting Redline features



Returning to the Previous Page

Click on the "Close" button to end the process and return to the previous page



Removing or Editing Redline layers

You can remove or edit the redline layer on the map by clicking on the “Edit Redline” or “Remove From Map” buttons.

The image displays a software interface for managing redline layers. It consists of several panels and callout boxes:

- Redline Layers on Map:** A list containing 'RedlineLayer', 'RedlineLayer_1', and 'RedlineLayer_1_1'. Below the list are buttons for 'Edit Redline', 'Remove From Map', and 'Edit Style'. A green callout box points to the 'Edit Redline' button with the text: "Returns to the Edit Redline Page".
- Available Redline Layers:** A list containing 'RedlineLayer_1'. Below the list are buttons for 'Add To Map', 'Delete', and 'Download'. A green callout box points to the 'Add To Map' button with the text: "Adds the Redline Layer back to the map".
- Edit Redline - RedlineLayer_1:** A detailed editing window with sections for 'Add Redline' (Digitize Redline) and 'Modify Redline'. The 'Digitize Redline' section includes buttons for 'Point', 'Line', 'Line String', 'Rectangle', and 'Polygon'. The 'Modify Redline' section has a text input field with 'TEST' and a list of '[no text]' items. At the bottom are 'Select', 'Delete', 'Update Text', and 'Close' buttons. A green callout box points to the 'Remove From Map' button in the top panel with the text: "Remove the Redline Layers from the Map".

Editing the Style of the Redline Layers

Redlines may be differentiated by colour, lines, labels, and fill pattern of the Redline. The shapes may be formatted as follows:

STEP 1: Click on the “Edit Style” button

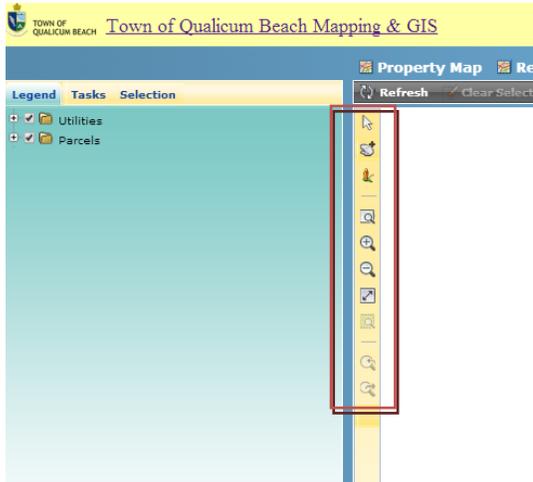


STEP 2: Modify the style of the Redline Layer and click the “OK” button to submit the changes OR click “Cancel” to discard the changes and return to the previous page.



e. Tool Bar (Vertical)

There are ten tools included in the Tool Bar (Vertical). Many of the tools were introduced previously and can be found in the “[Tool Bar \(Horizontal\)](#)” section.



- **Point Select Tool** 

The Point Select Tool allows you to pick any “selectable” features on the map, such as parcels, .

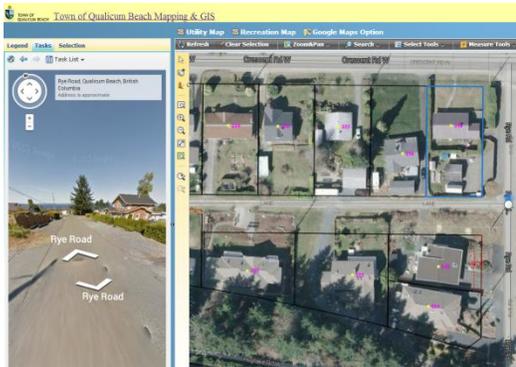


- **Pan** 

See instructions for the “[Pan](#)” tool under Tool bar (Horizontal) → Zoom & Pan section.

- **Google Street View** 

The Google Street View tool opens Google Street View in the Tasks Panel to travel around the map. The **Magnifying Glass** on the map may also be dragged to the places where Google Street View is available.



- **Zoom Rectangle** 

See "[Zoom Rectangle](#)" help content under Tool bar (Horizontal) → Zoom & Pan section.

- **Zoom In** 

See "[Zoom In](#)" help content under Tool bar (Horizontal) → Zoom & Pan section.

- **Zoom Out** 

See "[Zoom Out](#)" help content under Tool bar (Horizontal) → Zoom & Pan section.

- **Zoom Extent** 

Click on the Zoom Extent tool to Zoom Out to the initial extent of the map or the initial extent of the selected object.

- **Zoom Selection** 

See "[Zoom Selection](#)" help content under Tool bar (Horizontal) → Zoom & Pan section.

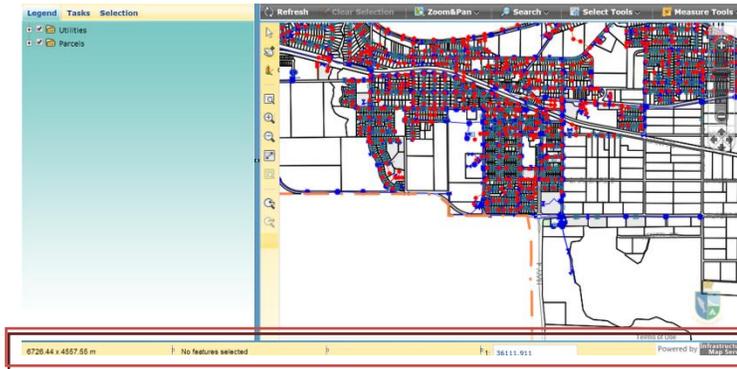
- **Zoom to Previous Extents** 

Clicking on the **Zoom to Previous Extents** tool changes the map view to the previous zoom extents. If you have zoomed to different extents on the map, you can use the **Zoom to Previous Extents** tool to backup through previous zoom scales.

- **Zoom to Next Extents** 

Click on the **Zoom to Next Extents** tool to change the map extents to the next zoom level. If the **Zoom to Previous Extents** tool has not been used, this tool will not be enabled.

f. Status Bar



- **View Size** 6726.44 x 4557.55 m

Dynamically shows the current view size of the map

- **Selection Info** 462 feature(s) selected on 5 layer(s)

Dynamically shows the current total of selected features and total of the selected layers on the map

x: -124.4656 °, y: 49.3349 °

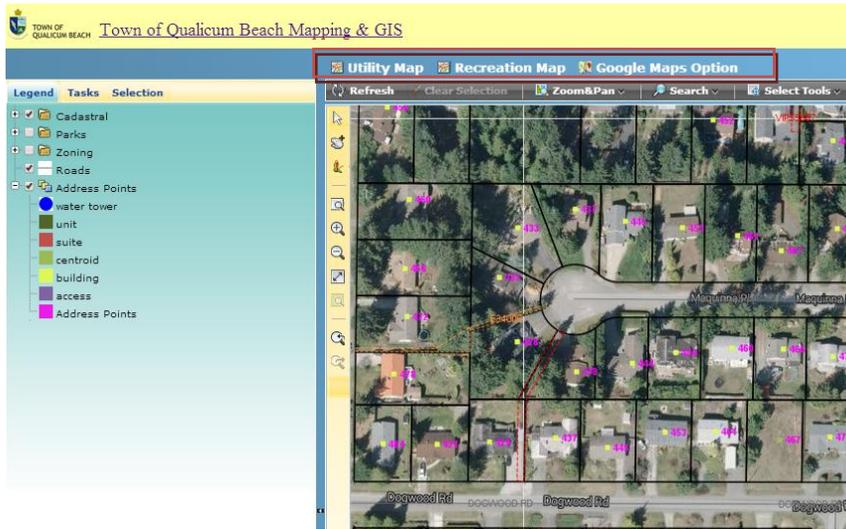
- **Coordinates**

Dynamically shows the current coordinates of the cursor point on the map

- **Scale** 1: 36112.0014

Dynamically shows the current scale of the map

g. Main Menu - Maps Links & Google Maps Option



- **Property Map**

Clicking on the Property Map  button will open the Property Themed Map in a new browser window.

- **Utility Map**

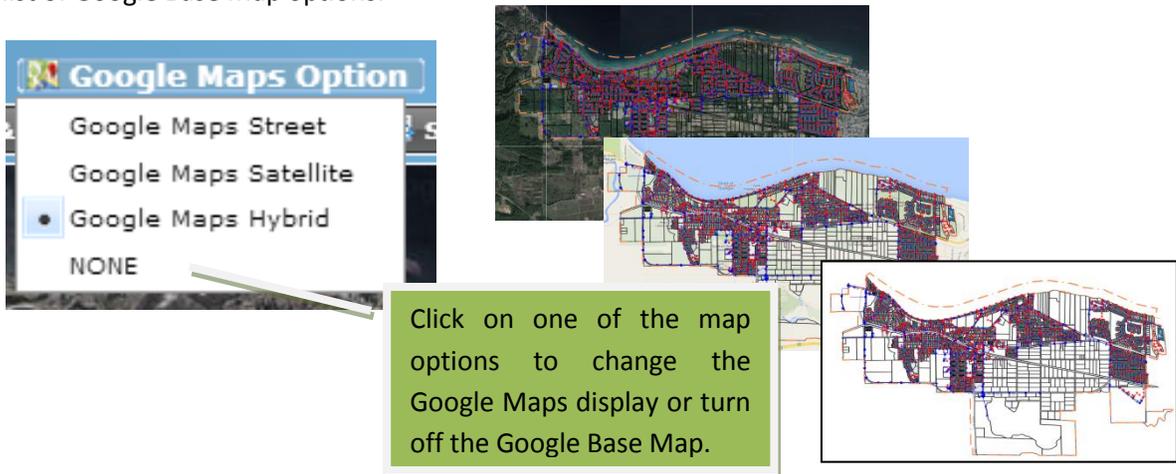
Clicking on the Utility Map  button will open the Utility Themed Map in a new browser window.

- **Recreation Map Link**

Clicking on the Recreation Map  button will open the Recreation Themed Map in a new browser window.

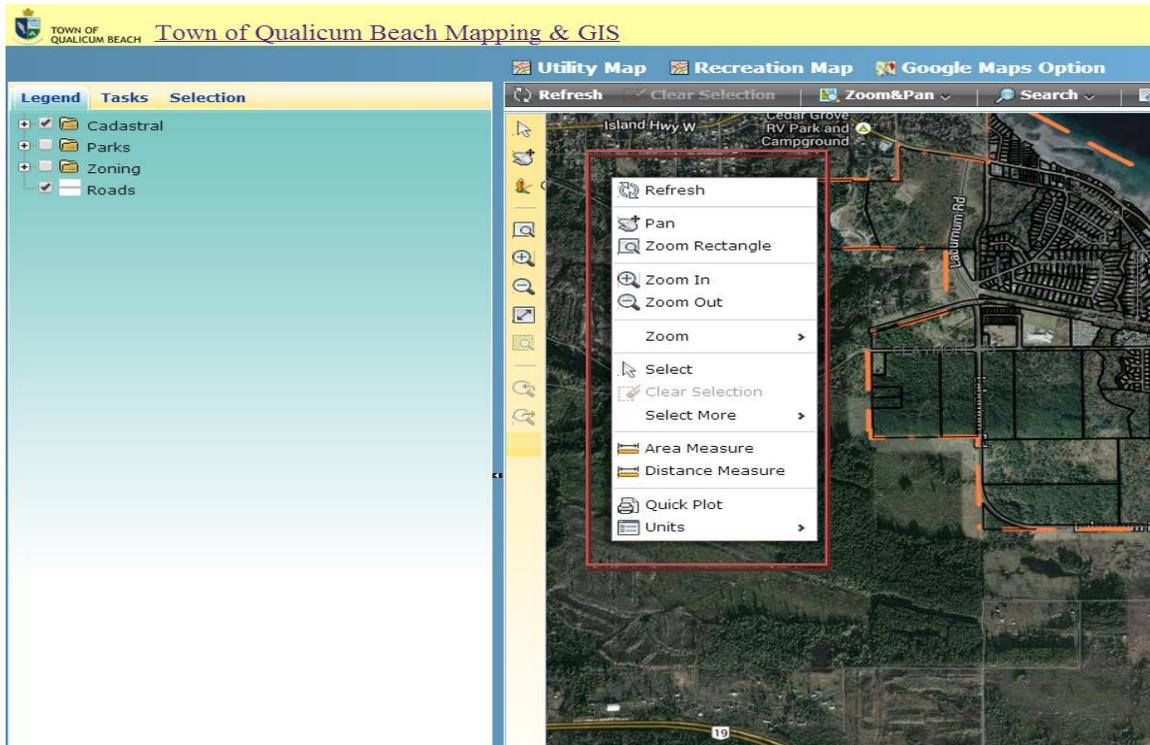
- **Google Maps Option**

Clicking/Hovering on the Google Maps Option  will open a menu showing the list of Google Base Map options.



h. Right Click Menu

Right-Clicking on the map will display a menu with standard tools. See the help content under the [“Tool Bar \(Horizontal\)”](#) section for information on each of the commands in the Right Click Menu.

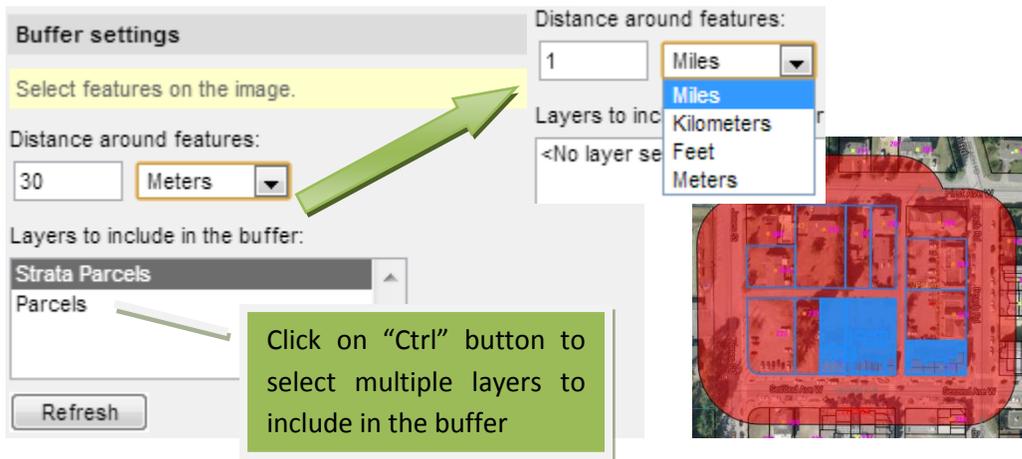


i. Task List

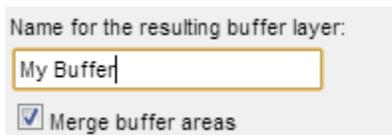
There are several commands in the Task List menu, most of which have been covered in other sections. See the help content under "[Tool Bar \(Horizontal\)](#)" section for these tools. The two additional tools not yet covered are: Buffer and Area & Distance Measure Tool.

- **Buffer Tool**  Buffer

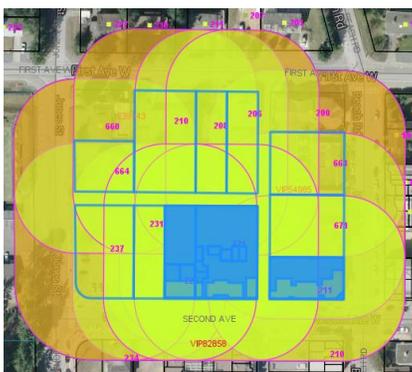
The Buffer tool allows you to draw and "offset" a buffer around one or several selected objects. The buffer settings can be adjusted for distance in different units.



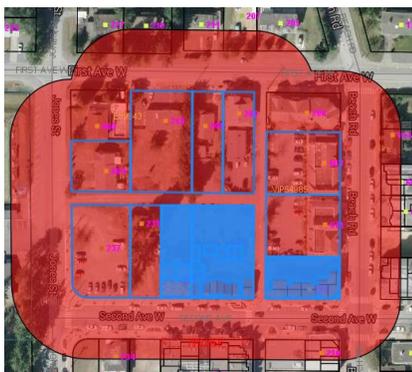
A unique name can be assigned to the Buffer Layer and you can decide whether to merge the buffer areas or leave the areas as individual buffers.



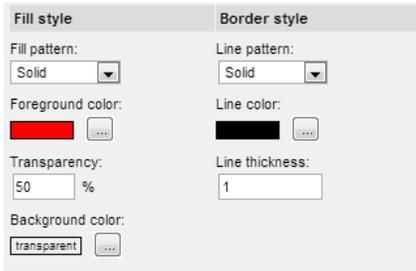
Separate Buffer Areas



A Single Merge Buffer Area



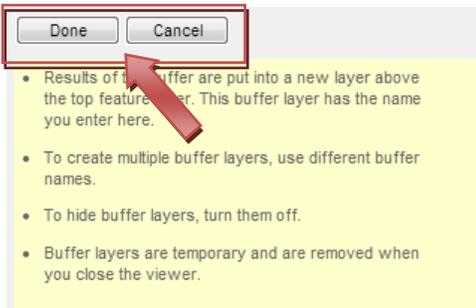
Fill & Border styles can be changed for the buffer features.



The buffer layer appears in the [Legend Panel](#) and can be turned on or off, similar to other layers in the map.

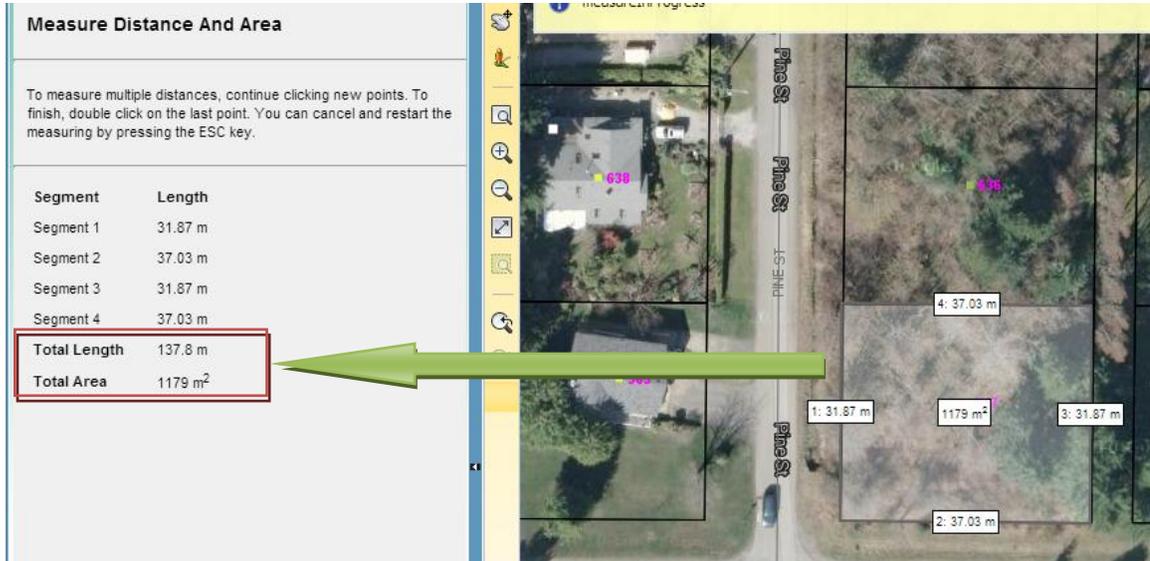


After completing the buffer process, you can submit or cancel the buffer layer generation process by clicking on either the “Done” or “Cancel” button.



- **Area & Distance Measure Tool**  Measure

The Area & Distance Measure Tool is a single command used to measure the area and the length of the bounding edges of an area. See the help content under the “[Measure Tools](#)” section for more information on the measurement tools.



Measure Distance And Area

To measure multiple distances, continue clicking new points. To finish, double click on the last point. You can cancel and restart the measuring by pressing the ESC key.

Segment	Length
Segment 1	31.87 m
Segment 2	37.03 m
Segment 3	31.87 m
Segment 4	37.03 m
Total Length	137.8 m
Total Area	1179 m²

The screenshot shows an aerial view of a property with a measured area. The area is a rectangle with dimensions: 1: 31.87 m, 2: 37.03 m, 3: 31.87 m, and 4: 37.03 m. The total area is 1179 m². A green arrow points from the 'Total Length' and 'Total Area' rows in the table to the corresponding values on the map.

4. TQB-GIS Maps Metadata

a. Property Map

- *Cadastral Layer Group*

- ❖ Parcels Layer

- Data Currency Status:
 - Data is updated on an ongoing basis in SQL Server Spatial from a DWG file. These changes are reflected immediately in the TQB-GIS.
- Dept/branch:
 - Engineering
- Definition:
 - Parcel Lot lines separate individual titled properties from each other and often run perpendicular to streets and lanes. They define individual titled pieces of land (sometimes referred to as the cadastral fabric).
- Original Coordinate System:
 - UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Data Types:
 - SQL Server Spatial, and KML/KMZ

❖ Boundary Layer

- Data Currency Status:
 - Data is exported from a DWG file to a SDF file. The changes of Qualicum Beach Boundary will be updated as required.
- Dept/branch:
 - Administration
- Definition:
 - The municipal boundary of the Town of Qualicum Beach
- Original Coordinate System:
 - UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Data Types:
 - SDF

❖ Leases Layer

- Data Currency Status:
 - Data is updated on an ongoing basis in SQL Server Spatial from a DWG file. These changes are reflected immediately in the TQB-GIS.:-
- Dept/branch:
 - Administration
- Definition:
 - A lease designed to meet the special needs of state and local governments.
- Original Coordinate System:
 - UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Data Types: SDF, and SQLite

❖ Easement Layer

- Data Currency Status:
 - Data is updated on an ongoing basis in SQL Server Spatial from a DWG file. These changes are reflected immediately in the TQB-GIS.
- Dept/branch:
 - Engineering
- Definition:
 - Easement - An easement is a defined area of a private property over which certain legal rights are given to another, usually adjacent, property (commonly for access, utility or encroachment purposes).
- Original Coordinate System:
 - UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Data Types:
 - SDF, and SQLite

❖ Covenant Layer

- Data Currency Status:
 - Data is updated on an ongoing basis in SQL Server Spatial from a DWG file. These changes are reflected immediately in the TQB-GIS.
- Dept/branch:
 - Engineering
- Definition:
 - Restrictive covenants are provisions in a deed limiting the use of the property and prohibiting certain uses. They are typically used by land developers and agencies to establish minimum house sizes, setback lines, and aesthetic requirements for enhancing a neighbourhood.
- Original Coordinate System:
 - UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Data Types: SDF, and SQLite

❖ Strata Parcels Layer

- Data Currency Status: Data is updated on an ongoing basis in SQL Server Spatial from a DWG file. These changes are reflected immediately in the TQB-GIS.
- Dept/branch:
 - Engineering
- Definition:
 - Strata Parcel Lot lines separate individual titled properties from each other and often run perpendicular to streets and lanes. They define individual titled pieces of land (sometimes referred to as the cadastral fabric).
- Original Coordinate System:
 - UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Support Data Types:
 - SQL Server Spatial

- *Parks Layer Group*

- ❖ Trees Layer

- Data Currency Status:
 - Data is collected using a GPS device and imported into SQL Server Spatial. The information will be updated as required.
- Dept/branch:
 - Parks
- Definition:
 - Municipal tree information in the Town of Qualicum Beach
- Original Coordinate System:
 - LL84 (Longitude, Latitude)
- Spatial Extent:
 - Lower Left X: -124.513624
 - Upper Right X: -124.377320
 - Lower Left Y: 49.318816
 - Upper Right Y: 49.365498
- Publisher:
 - Town of Qualicum Beach
- Support Data Types:
 - SQL Server Spatial

- ❖ Benches Layer

- Data Currency Status:
 - Data is collected by using a GPS device and imported into SQL Server Spatial. The information will be updated as required.
- Dept/branch:
 - Parks
- Definition:
 - Memorial Bench information and locations in the Town of Qualicum Beach
- Original Coordinate System:
 - UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Data Types:
 - SQL Server Spatial

- *Zoning Layer Group*

- ❖ Zoning Layer

- Data Currency Status:

- Data is exported from a DWG file to a SDF file. The changes of Qualicum Beach Zoning will be updated in the future.

- Dept/branch:

- Planning

- Definition:

- Qualicum Beach's zoning is displayed thematically using generalized categories.

1. Rural 1-3
2. Commercial 1-9
3. Comprehensive Development 1-7
4. Conservation 1-3
5. Recreation 1-4
6. Industrial 1-2
7. Institutional 1-7
8. Residential 1
9. Rural Residential 1
10. Residential 1 -14
11. Water 1
12. Utility 1

- Original Coordinate System:

- UTM84-10N

- Spatial Extent:

- Lower Left X: 390,000.000000
- Upper Right X: 400,000.000000
- Lower Left Y: 5,463,999.999999
- Upper Right Y: 5,468,999.999999

- Publisher:

- Town of Qualicum Beach Data Types:

- SDF

- ❖ Incorporation History Layer

- Data Currency Status:

- Data is exported from a DWG file to a SDF file. The changes of Qualicum Beach Incorporation History may be updated in the future.

- Dept/branch:

- Administration

- Definition:

- Incorporation History of the Town of Qualicum Beach from 1942 to present day

- Original Coordinate System:

- UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Data Types:
 - SDF

- **Roads Layer**

- ❖ Roads Layer

- Data Currency Status:
 - Data has been collected from construction drawings and orthophotos. The information is stored in the SQL Server Spatial and will be updated as required.
- Dept/branch:
 - Engineering
- Definition:
 - The road/street information within the Town of Qualicum Beach boundary.
- Original Coordinate System:
 - UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Data Types:
 - SQL Server Spatial

- *Address Points Layer*

- ❖ Address Points Layer

- Data Currency Status:
 - Data is stored in a SQL Server Spatial as point information. Address points will be updated as required.
- Dept/branch:
 - Administration
- Definition:
 - Address points defining lots, buildings, or units within the Town of Qualicum Beach
- Original Coordinate System:
 - UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Data Types:
 - SQL Server Spatial

b. Utility Map

- *Utilities Layer Group*

- ❖ Electrical Layer Group

- Streetlights Layer
 - Data Currency Status:
 - Data will be updated in the SQL Server Spatial as required. These changes are reflected immediately in TQB-GIS.
 - Dept/branch:
 - Engineering
 - Definition:
 - The street light information in the Town of Qualicum Beach
 - Original Coordinate System:
 - UTM84-10N
 - Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
 - Publisher:
 - Town of Qualicum Beach
 - Data Types:
 - SQL Server Spatial

- ❖ Storm Layer Group

- Catch Basins Layer
 - Data Currency Status:
 - Data is updated on an ongoing basis in SQL Server Spatial from a DWG file. These changes are reflected immediately in the TQB-GIS.
 - Dept/branch:
 - Engineering
 - Definition:
 - Catch basin information in the Town of Qualicum Beach
 - Original Coordinate System:
 - UTM84-10N
 - Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
 - Publisher:
 - Town of Qualicum Beach
 - Data Types:
 - SQL Server Spatial

- ❖ Sanitary Layer Group
 - Sanitary Maintenance Hole (MH) Layer
 - Data Currency Status:
 - Data is exported from a DWG file to a SDF/SQLite file. Data is updated on an ongoing basis and changes are reflected immediately in the TQB-GIS.
 - Dept/branch:
 - Engineering, Utility
 - Definition:
 - Sanitary MH locations and information in the Town of Qualicum Beach
 - Original Coordinate System:
 - UTM84-10N
 - Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
 - Publisher:
 - Town of Qualicum Beach
 - Data Types:
 - SDF, and SQLite
 - Sanitary Lines Layer
 - Data Currency Status:
 - Data is exported from a DWG file to a SDF/SQLite file. Data is updated on an ongoing basis and are reflected immediately in the TQB-GIS.
 - Dept/branch:
 - Engineering, Utility
 - Definition:
 - Sanitary Main information in the Town of Qualicum Beach.
 - Original Coordinate System:
 - UTM84-10N
 - Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
 - Publisher:
 - Town of Qualicum Beach
 - Data Types:
 - SDF, and SQLite

❖ Water Layer Group

○ Water Meter Layer

- Data Currency Status:
 - Data is located (GPS) and stored in SQL Server Spatial. Data is updated on an ongoing basis and changes are reflected immediately in the TQB-GIS.
- Dept/branch:
 - Engineering
- Definition:
 - All Water Meter locations and information in the Town of Qualicum Beach.
- Original Coordinate System:
 - UTM-84
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
- Town of Qualicum Beach Data Types:
 - SQL Server Spatial

○ Water Reservoirs Layer

- Data Currency Status:
 - Data is exported from a DWG file to a SDF/SQLite file. The data may be updated in the future.
- Dept/branch:
 - Engineering
- Definition:
 - Water reservoir information in the Town of Qualicum Beach.
- Original Coordinate System:
 - UTM84-10N
- Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
- Publisher:
 - Town of Qualicum Beach
- Data Types:
 - SDF, and SQLite

- Water Valves Layer
 - Data Currency Status:
 - Data is exported from a DWG file to a SDF/SQLite file. Data is updated on an ongoing basis and changes are reflected immediately in the TQB-GIS.
 - Dept/branch:
 - Engineering
 - Definition:
 - Water Control Valve locations and information in the Town of Qualicum Beach.
 - Original Coordinate System:
 - UTM84-10N
 - Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
 - Publisher:
 - Town of Qualicum Beach
 - Data Types:
 - SDF, and SQLite

- Pressure Zones Layer
 - Data Currency Status:
 - Data is exported from a DWG file to a SDF/SQLite file. Data is updated on an ongoing basis and changes are reflected immediately in the TQB-GIS.
 - Dept/branch:
 - Engineering
 - Definition:
 - Water Pressure Zones are water pressure control areas in which a certain maximum water pressure can be expected from the potable water distribution network. There are several Water Pressure Zones within the Town of Qualicum Beach's geographic boundary.
 - Original Coordinate System:
 - UTM84-10N
 - Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
 - Publisher:
 - Town of Qualicum Beach
 - Data Types:
 - SDF, and SQLite

- Hydrants Layer
 - Data Currency Status:
 - Data is located (GPS) and stored in SQL Server Spatial. Data is updated on an ongoing basis and changes are reflected immediately in the TQB-GIS.
 - Dept/branch:
 - Engineering
 - Definition:
 - Fire hydrants connected to the Town of Qualicum Beach's water network. The distances in meters from the isolation valve are included in the data.
 - Original Coordinate System:
 - UTM84-10N
 - Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
 - Publisher:
 - Town of Qualicum Beach
 - Data Types:
 - SDF, and SQLite

- Water Lines Layer
 - Data Currency Status:
 - Data is exported from a DWG file to a SDF/SQLite file. Data is updated on an ongoing basis and changes are reflected immediately in the TQB-GIS.
 - Dept/branch:
 - Engineering
 - Definition:
 - Water Main information in the Town of Qualicum Beach.
 - Original Coordinate System:
 - UTM84-10N
 - Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
 - Publisher:
 - Town of Qualicum Beach
 - Data Types:
 - SDF, and SQLite

- *Cadastral Layer Group*

See "[Cadastral Layer Group](#)" under Parcel Map Section

c. Recreation Map

- *Cadastral Layer Group*

See "[Cadastral Layer Group](#)" under Parcel Map Section

- ❖ Parks Layer Group

- Parks Layer

- Data Currency Status:

- Data is exported from a DWG file to a SDF file. Data is updated on an ongoing basis and changes are reflected immediately in the TQB-GIS.

- Dept/branch:

- Parks

- Definition:

- Park information in the Town of Qualicum Beach.

- Original Coordinate System:

- UTM84-10N

- Spatial Extent:

- Lower Left X: 390,000.000000
- Upper Right X: 400,000.000000
- Lower Left Y: 5,463,999.999999
- Upper Right Y: 5,468,999.999999

- Publisher:

- Town of Qualicum Beach

- Data Types:

- SDF

- Benches Layer

- Data Currency Status:

- Data is collected by using a GPS device and imported into SQL Server Spatial. The information will be updated as required.

- Dept/branch:

- Parks

- Definition:

- Memorial Bench information and locations in the Town of Qualicum Beach

- Original Coordinate System:

- UTM84-10N

- Spatial Extent:

- Lower Left X: 390,000.000000
- Upper Right X: 400,000.000000
- Lower Left Y: 5,463,999.999999
- Upper Right Y: 5,468,999.999999

- Publisher:
- Town of Qualicum Beach Data Types:
 - SQL Server Spatial
- ❖ Trails Layer Group
 - Trails Layer
 - Data Currency Status:
 - Data is exported from a DWG file to a SDF file, and will be changed as required.
 - Dept/branch:
 - Parks
 - Definition:
 - Pedestrian Trail information in the Town of Qualicum Beach. The trails are classified in three different surface types: asphalt, wood chip, and gravel.
 - Original Coordinate System:
 - UTM84-10N
 - Spatial Extent:
 - Lower Left X: 390,000.000000
 - Upper Right X: 400,000.000000
 - Lower Left Y: 5,463,999.999999
 - Upper Right Y: 5,468,999.999999
 - Publisher:
 - Town of Qualicum Beach
 - Data Types:
 - SDF

- *Roads Layer*

See "[Roads Layer](#)" under Parcel Map section