

# Webmap 6.0 User Guide August 2006



























*Prepared by*

**Intergraph New Zealand**

# Web Map

## User Guide, July 2006

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# Web Map

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### INTRODUCTION

Welcome to the July 2006 release of WebMap.

We hope that you will find WebMap easier and better to use. As is the nature of updates, there are a few changes to how things are done along with some new features.

This release has a cleaner look and feel and time has been spent tidying up how things work behind the scenes – which should add up to a better experience for you.

We suggest you start [WebMap](#) and follow through the examples of the main changes that are outlined below.

One thing you may already have noticed – we have ditched the „Terminal server web site. A single site now works for all and webmap will automatically resize to your screen size.

Need further information?

You can

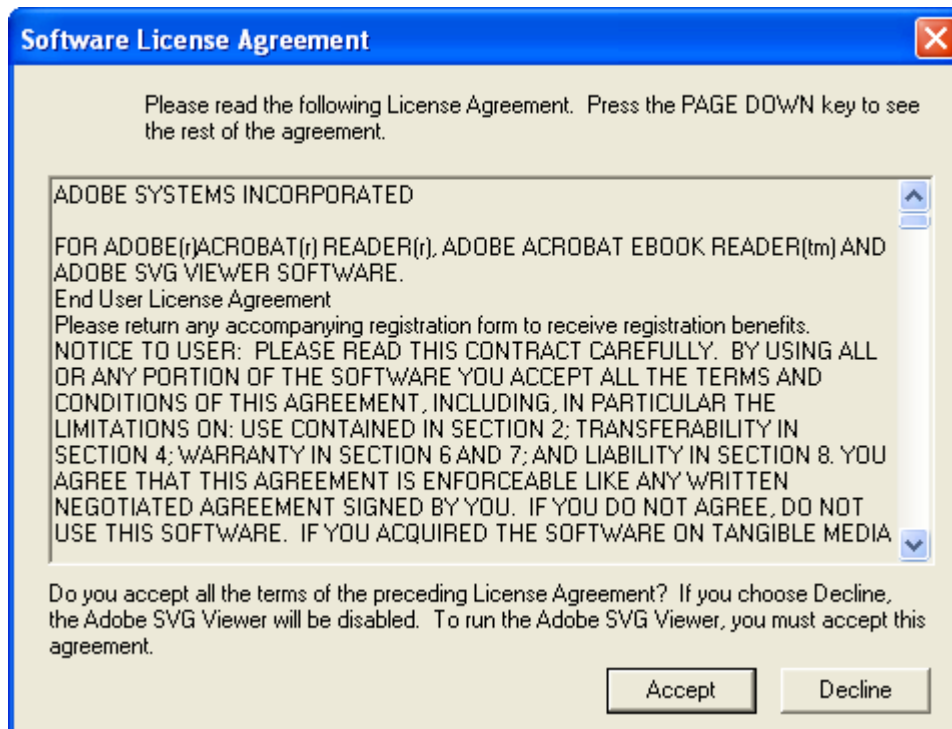
use the  Online Help tool  
call the Helpdesk <http://helpdesk.sdc.inet>

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### INITIAL INSTALL

When you open webmap for the first time you will get the pop up screen shown below. Click on the "Accept" button and the website will load. This operation only has to be done the first time you access the website.

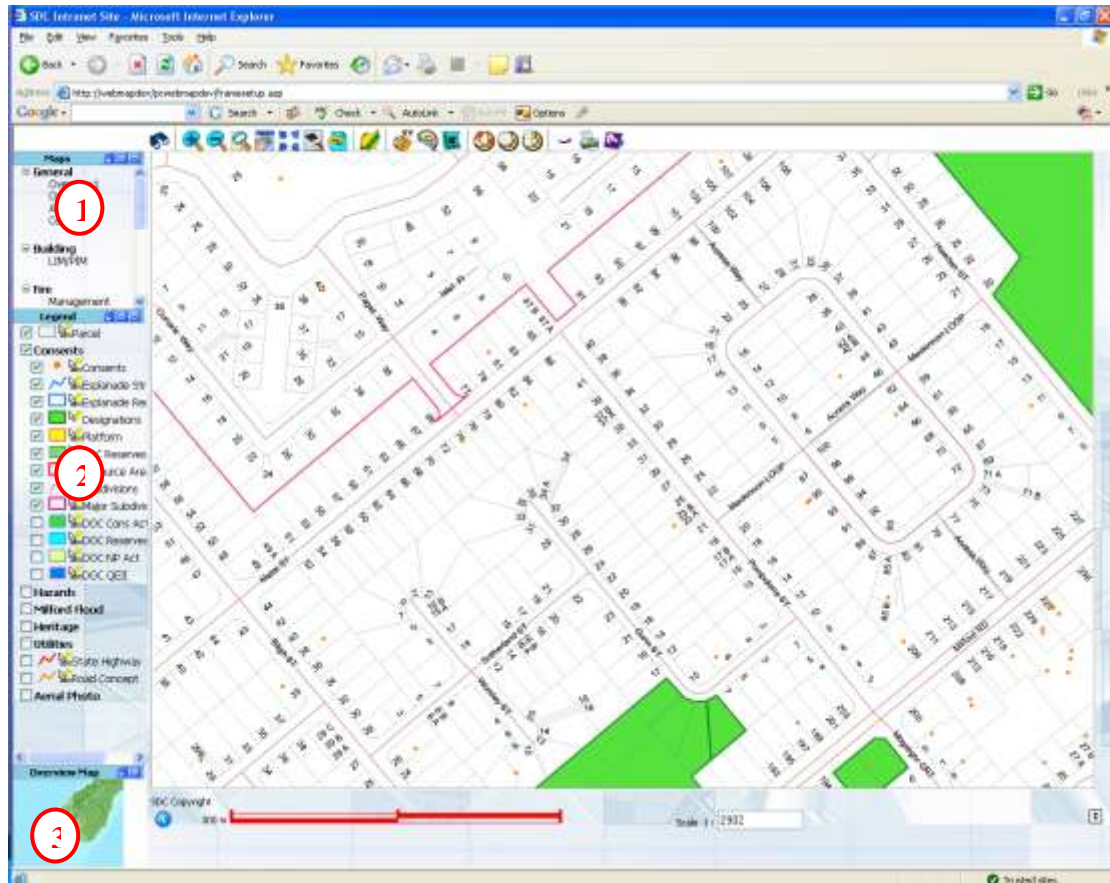


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### LOOK AND FEEL – LAYOUT

The user interface has a new look and feel – but everything is still there.  
The layout has been rearranged to give even more space for the main map.



1 Map selection – used to occupy all of left hand side. Works same as before inside a window

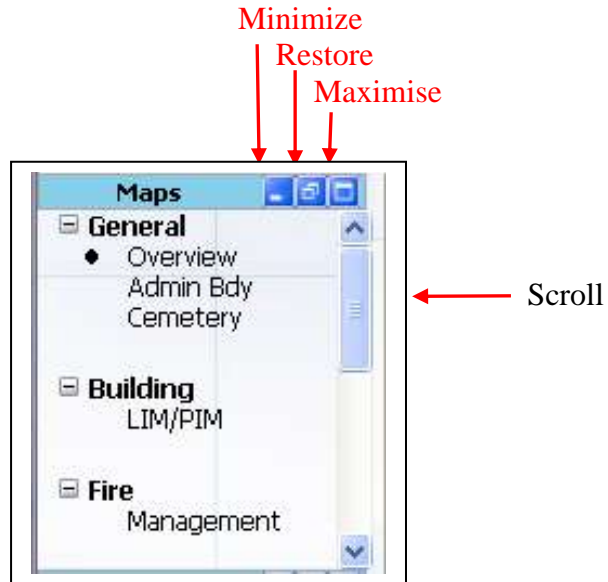
2 Legend – used to occupy full right hand side. Works as before, but is presented inside a window

3 Overview/Index map – brand new, more detail further on

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## Working with the new windows on the left hand side























































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### LOOK AND FEEL - TOOLBAR

The tools have changed!!

Well - no they have not – they just have fancy new icons. So don't panic. Not all of these tools will be available to all users or on all Profiles and Topics.

NEW		OLD	Description
	=		Pre-defined queries
	=		Zoom By Area
	=		Zoom In
	=		Zoom Out
	=		Pan
	=		Center Map
	=		Fit Map
	=		Zoom Previous
	=		Refresh Map
	=		Reload Website
	=		Coordinate Readout
	=		Advanced Bearing and Distance
	=		Measure Distance
	=		Measure Area
	=		Select by Area
	=		Select by Point
	=		Select Nearest
	=		Select Set Properties
	=		Attribute Query
	=		User Queries
	=		Fit Select Set
	=		Print
	=		Redline toolbox
	=		Options
	=		Metadata description
	=		Help

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### OVERVIEW-INDEX MAP NEW

Below the legend is now an overview map.



A red rectangle in the overview map shows where you have zoomed into in the main map – the current map extents.

As you navigate around the main map the rectangle in the overview map will update to show where you are.

You can click on the overview map to re-center the current map in the map window.

### NEW MAP VIEWER NEW

WebMap is now using a new format for the maps.

At first glance you probably won't notice the difference.

Changes:

- The map is now crisper and more defined.
- In the print dialog you will notice that „SVG“ is now selected by default. SVG should give you a better print, particularly text. If you desire, you can still use a „raster“ print by choosing (say) PNG for printing.
- The right-click popup menu has changed. When copying, use the „Copy“ item. When pasting you will need to use „Paste Special“ instead of just „Paste“, otherwise you will get some „gibberish“. Instead of using redlining in the right-click popup menu, a new redlining command has been introduced on the toolbar with some improvements – described later in this document. The right-click popup menu has lost the „magnify“ function though.
- There are some additional navigation techniques described later in this document.


For those that are technically interested, we now use a format called „SVG“, or scalable vector graphics. This is an open standard XML based format.

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### TOOLS NOW REPEAT NEW

Try using the zoom in tool , click in the map to zoom in.

Once the new map is displayed you will see that the cursor stays as  ready for you to click in the map and zoom in again – you don't have to click on the zoom in tool again!!

To get out of this, right click the mouse button and you can see tooltips again.

This repeat applies to many of the tools in the toolbar – all the navigation tools and some of the other tools.

This is on by default – to turn it off use the options tool  described later on.

### LEGEND BEHAVIOUR

The behavior of turning grouped legend items on/off has changed slightly.

If a grouped legend is all off, you will have to turn on all the individual entries in the legend group before you see them all.

You can now turn off legend groups or individual legend entries. For example click on the word Parcel in the legend to expand its grouped contents. You can now either turn off all Parcel entries by clicking the checkbox next to Parcel as before or turn off individual items by clicking on the checkbox next to that item (such as Road Bdy).



NOTE: This issue has been logged with the software provider to provide the previous functionality whereby you only had to turn on the group and all the legend entries within the group would be turned on without having to check them all.

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### MAP CONTENT CHANGE – TRANSLUCENCY ★NEW

This new release of WebMap introduces „translucency” to filled elements in the map. We have just started putting this to effect.

An example of where we have used it is with „designations”.



In the example above you can see „through” the designation feature to the aerial photography but with the „hazardous sites” feature you can not. This functionality will be progressively rolled out as we have to make sure that everything is still legible once we have applied the translucency.

In the previous release of WebMap this was not possible – you would have seen the scheme plan with a solid green fill blocking the underlying map features.

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### RESIZING THE SCREEN NEW



When you resize the Internet Explorer window the map will now automatically resize to fit your screen. This allows you to make the best use of space within the window.




← Tip: Grab the resize handle here (You may need to double click the title bar first to see the resize handles)

### GET A BIGGER MAP - HIDE THE LEFT BAR NEW


You can now hide the left bar containing the map selection / legend / overview map display - allowing you to see a bigger map window.


To do this, click on  at the bottom left hand side of the screen. The left bar will disappear and a bigger map will be displayed. Click on  again and the left bar will reappear.

### PAN ARROWS NEW

These are not currently available with the roll out of the website so that we can maximise the screen space available for the map window. When they are available they appear at the edges of the map and you will see new pan arrows that look like this . Simply click on an arrow to move the map in the direction of the arrow. These have not been added to the website as we have tried to maximise the amount of map space available to users.

### MAP NAVIGATION TOOLS NEW

Click on the  Center Map tool, then click anywhere in the map. The map will be redrawn so that the center of the map is the position you just clicked on.


Clicking on the  Zoom Previous tool will take you to the previous map view.

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### ADDITIONAL MAP NAVIGATION TECHNIQUES **NEW**

Note: you will need to exit „repeat mode by right clicking your mouse when over the map for these navigation techniques to work.

i.e. if the mouse cursor looks like  when you are over the map, right click before trying the following.

#### **Alternative zoom in**

Hold your CTRL key, and then click in the map.

The map will zoom in and a second or two later a new detailed map will be displayed.

or

Hold your CTRL key, then click and drag on the map forming a rectangle.

When you release the left mouse button, the map will zoom in and a second or two later a new detailed map will be displayed.

or

Right click in the map. From the pop-up menu that appears choose „Zoom In .

The map will zoom in and a second or two later a new detailed map will be displayed.

#### **Alternative zoom out**

Hold your CTRL+SHIFT keys at same time, and then click in the map. The map will zoom out and a second or two later a new map will be displayed.

or


Right click in the map. From the pop-up menu that appears choose „Zoom Out . The map will zoom out and a second or two later a new detailed map will be displayed.

#### **Alternative panning**

Hold your ALT key, then click and drag in the map.

When you release the ALT key a new map will be generated and displayed (this will take a couple of seconds)

### MAP SCALE





The old scale command in the toolbar has been removed and a new scale display box added below the map window, 

If you want to display the map at a particular scale, simply type that scale into the box and press the enter key. A new map will be generated at that scale.

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### PATHWAY AND THE DATA WINDOW

Have you noticed the Pathway icons     are no longer in the toolbar? Yippee ... that is because they are now in the data window – much easier to use!!

Try the following workflow:

Start Pathway and login. Leave at first screen.

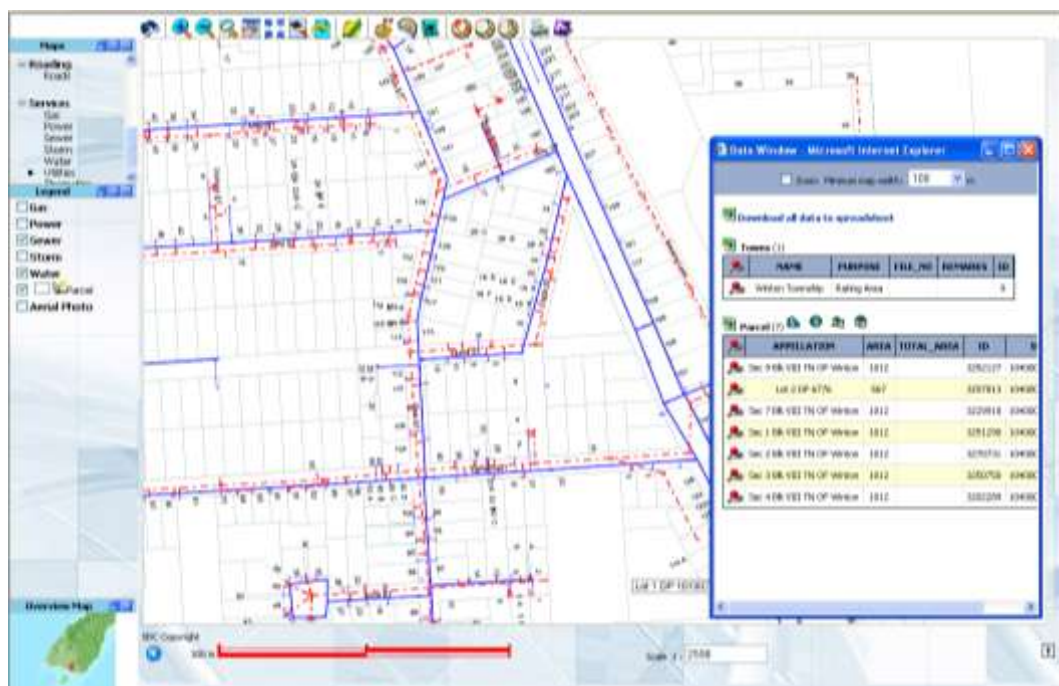
Switch back to WebMap (Alt-Tab)





Zoom in  to an area with parcels showing (say Te Anau)


Click on the  Select by Polygon tool

Click in the map to define a polygon covering the services and/or parcels you are interested in (double click to finish the polygon)

A ,Data Window will appear



You will see next to Parcels in the data window the Pathway icons    .

Click on the first Pathway icon , Pathways will come to the front and the properties relating to the Parcels in the data window will be listed in Pathways.

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If you want to do even more, try this:

You can also select multiple parcels from different areas.

Alt-Tab back to the data window

Click on some of the red toggles  to select some parcels.

Close the data window

Move to another location in the map using the map center tool .


Click on the  Select by Polygon tool

Click in the map to define a polygon covering the services and/or parcels you are interested in (double click to finish the polygon)

The Data Window will appear again.

Use the red toggles  to select more parcels.

Close the data window again.

Click Fit Select Set tool  to see parcels selected in the map window.

Click the Select Set Properties  tool.

A data window will appear listing all the parcels you have chosen so far.

You can click on the Pathways icon  and the Properties relating to those parcels will be listed in Pathways.

## PATHWAY AND THE HOTSPOT REPORT

We have tidied up the Pathway Hotspot report a bit and added more data.

Click on a parcel in the map.

You will see the Pathway Report appear.

First thing you will notice is it now has two Tabs at the top – Pathway and LandOnLine.

The report in the Pathway tab (shown by default) will be the same as before – just a gee whiz fancy new border around it so the consultant could say he did something.

The new tab LandOnLine shows information from a different data source – Land Information New Zealand.


This will give you some additional / corresponding data. Also in the situations where a parcel is not linked to Pathway, you can at least get some basic information about the parcel.

Note: Consider the information from Pathway as the definitive source of information. The LandOnLine information is from a third party and is not checked by Council.

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### DATA CAPTURE TOOL ★ NEW


The  data capture tool is going to allow us to start capturing data via WebMap. E.g. as consents are entered, we will be able to capture their location in WebMap at the same time. We will tell you more about this as we get it setup.

The data capture tool will only be available in some maps.


Currently if you click on the data capture tool you will get a data capture toolbar on top of the existing toolbar.

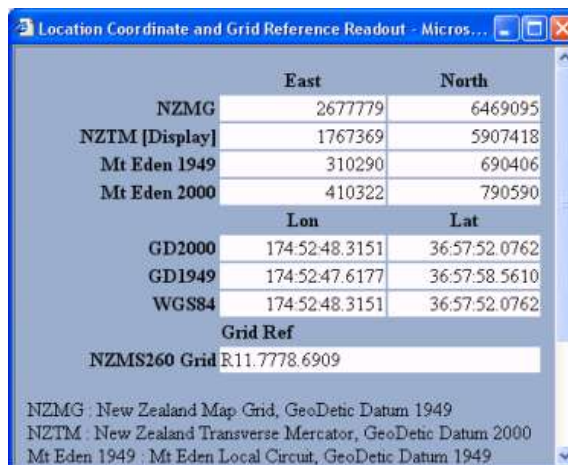
A drop down list on the left shows what features can be captured. Currently most of you will not see any features listed – it will be an empty list.

If you want to know more about it at the moment, have a look at the online help .

To close the data capture toolbar and use the other tools, click .

### COORDINATE READOUT TOOL ★ NEW

The  Coordinate Readout tool works in the same way as before except the coordinates are displayed in a new ways and more coordinates and grid references are displayed.



	East	North
NZMG	2677779	6469095
NZTM [Display]	1767369	5907418
Mt Eden 1949	310290	690406
Mt Eden 2000	410322	790590
	Lon	Lat
GD2000	174.52.48.3151	36.57.52.0762
GD1949	174.52.47.6177	36.57.58.5610
WGS84	174.52.48.3151	36.57.52.0762
Grid Ref		
NZMS260 Grid	R11.7778.6909	

NZMG : New Zealand Map Grid, GeoDetic Datum 1949  
 NZTM : New Zealand Transverse Mercator, GeoDetic Datum 2000  
 Mt Eden 1949 : Mt Eden Local Circuit, GeoDetic Datum 1949


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### BEARING AND DISTANCE TOOL

This tool now prints the bearing and distance on the map as shown below.





Tip: To finish placing lines to measure double click the last point. You can also clear bearings and distance from the map by clicking the  Refresh tool.


Tip: If you want the bearing and distance to appear on printouts, then use the Options tool to turn on „Persist red lines drawn for measurement commands

### SELECT NEAREST TOOL ★ NEW

This tool will search for the items closest to the point where you click within the map.

### REDLINING TOOL ★ NEW

Use this tool to place redlines in the map. This is very similar to right clicking in the map and using the redlining capability available there. There is a difference though, using the  Redlining Tool means that the redlines will be persistent. This means that if you place redlines and then use the  Print tool that the redlines will still be included on the printout.

Tip: You can zoom in and out and the redlines will remain on the map. To clear the redlines click the  Refresh Map tool.

### PRINTING

When printing from webmap you have to make sure that you use the print tool icon to start the printing process. DO NOT go to the File Menu and select print. This will only print a screen shot from the computer. The Printer Tool Icon allows you to access the preferences that you require for your printout. Remember to change the page layout to LANDSCAPE, otherwise you will get a cropped printout.

Tip: If the legend entries appear in a bold font they can be expanded out or collapsed.

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### IMPROVED SELECTION & SAVE TO SPREADSHEET CAPABILITIES

Try the following workflow:

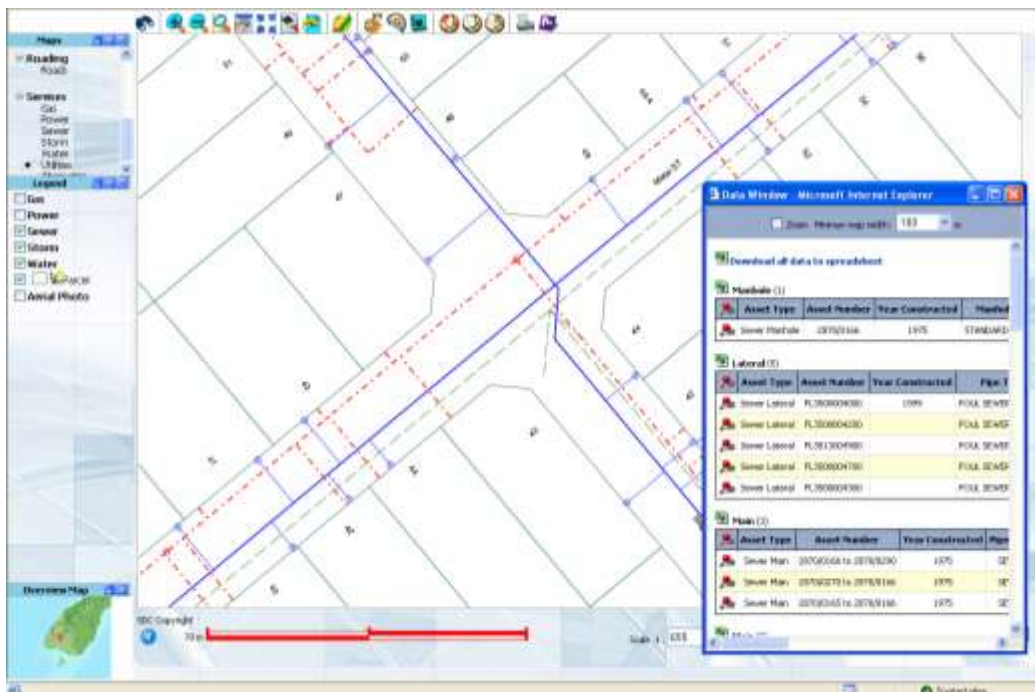
Load the services map. (Click on „Services on the right hand bar)

Find an area with services (or other information) you would like to „save

Click on the  Select by Polygon tool

Click in the map to define a polygon covering the services and/or parcels you are interested in

A „Data Window will appear




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Now you have some choices:


i. You can click on  [Download all data to spreadsheet](#). Everything listed in the Data Window will be saved to a .csv file which will open in Microsoft Excel.

or



ii. You can click on  ,Download this table to spreadsheet for any feature listed in the Data Window.



or

iii. You can click on one or more of the red toggles . This will restrict the selection in the Data Window to only those items with the toggles pressed. Those items will also be shown in the map and remembered as a Select Set .  
Close the data window.

Select some more parcels using one or more of the  tools. When the Data Window appears click the red toggle(s) of the item(s) you are interested in. Again close the data window.



Click the  ,Select Set Properties tool.

A data window listing all items you have toggled in any of the Data Windows resulting from using the select by tools  and/or the query tool .


You can further refine the selected items by turning off the red toggles for any items you do not want. When you are happy that all the items you are interested in are selected you can click on the  [Download all data to spreadsheet](#) and all items listed in this report will be available in a spreadsheet. (Alternatively click  to save individual types of feature to spreadsheet)


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Tip: After clicking on  **Download all data to spreadsheet** or  ,Download this table to spreadsheet you will see the dialog box shown below. Click Open (if available) to open the csv file in Excel. Click Save if you want to give the file a specific name or if the Open button is greyed out. Then click Open in the subsequent dialog box. The data will be shown in Microsoft Excel.




Tip: The ,Select Sets are now ,persistent .That means you can zoom in and out and the highlighted items will still be displayed. You can do a printout using the  Print tool and the highlighted items will be highlighted in the print.

Tip: To restart click on the map name to reload the map with no Select Sets defined or click the  Refresh Map tool.

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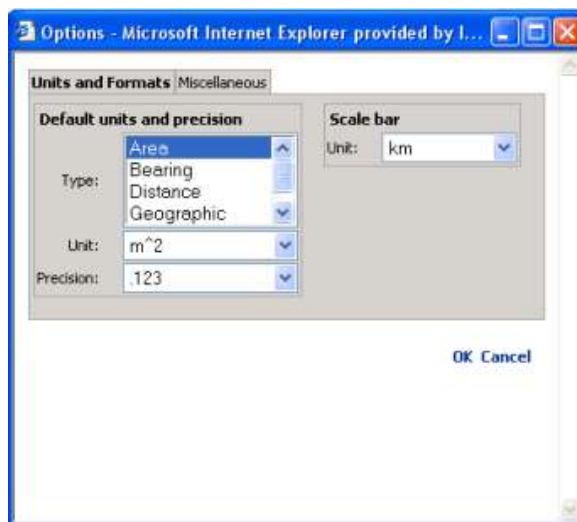
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### **ATTRIBUTE QUERY AND USER QUERIES TOOLS** ★NEW

These tools allow you to construct your own advanced queries to locate features. Refer to the  Online Help for instruction on how to use these advanced tools.

### **OPTIONS TOOL** ★NEW

This tool allows you to change how you interact with WebMap. Click on the tool and you will see the following dialog box. Under the Units and Formats tab you can change the units of measurement readouts.




Also of interest is the Miscellaneous tab and the item „Repeat all interactive map commands“. Turning this on and clicking OK means that from now on all interactive map commands will stay on when used. For example click on the zoom in button and click on the map to zoom in. Instead of having to click on the zoom in button again it „remembers“ that you are using the zoom in. You can simply click in the map again. To finish use the right mouse button while over the map. Turning on the „Persist red lines drawn for measurement commands“ means that if you use the  Bearing and Distance Tool that the bearing and distance will be shown on any printouts.

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Units and Formats	Miscellaneous
Screen size:	<input type="text" value="17"/> in
Zoom factor:	<input type="text" value="3"/>
Feature zoom fit factor:	<input type="text" value="1.2"/>
<input type="checkbox"/>	Repeat all interactive map commands
<input checked="" type="checkbox"/>	Display message when browser doesn't support requested map viewer type
<input type="checkbox"/>	Persist redlines drawn for measurement commands
<input type="checkbox"/>	Display results of measurement commands in prompt message box

Refer to the  Online Help for information on using the other options.

Tip: We recommend leaving these options at their defaults.