## 1. Layer -> Data Source Manager

Create a new WFS connection as per the screenshot below, with the username and password provided to you by BRERC.

Q Data Source Manager   Browser			? ×
Browser	Browser		
	🗔 😂 🍸 🟦 🚳		
V <sub>+</sub> Vector	Tavorites		^
Raster	> Home > C:\	Q Modify WFS Connection ? ×	
🤊 🖡 Delimited Text	>D:\ >Y:\	Connection details	
GeoPackage	> Z:\	Name BRERC Geoserver URL http://brerc.dyndns.org/geoserver/wfs/	
🖊 SpatiaLite	SpatiaLite	Authentication	
PostgreSQL	MSSQL	Configurations Dasic User name brenc	
MSSQL	DB2	Password .	
📮 Orade	> @ XYZ Tiles	Convert to configuration	
D82 D82	v wes wes		
Virtual Laver	✓ ✓ BRERC Geosei	WFS Options	
	01-BCC-LE	Version 1.0 ·	
WMS/WMTS	💓 03-BCC-S	Max. number of features 20000	
🕀 wcs	04-BCC-B	Ignore axis orientation (WFS 1.1/WFS 2.0)	
T wes	🕐 _awtr_edi	Invert axis orientation	
ArcGIS Map Server	ی	OK Cancel Help	
ArcGIS Feature Server	💯 _ph_edit		~

## 2. Layer -> Add layer -> Add Vector Layer

Navigate to your layer for the boundary data you wish to query against. Open it, as per the screenshot below. Close the Data Source manager Window when done.

🔇 Data Source Manager   Vector			? ×
📅 Browser	Source type		
V Vector	● File ○ Directory ○ Databas	e O Protocol: HTTP(S), cloud, etc.	
Raster	Encoding	UTF-8	•
🤊 🖕 Delimited Text	Source		
GeoPackage	Vector Dataset(s) Y:\BRERC Data\S	ites\Avonwide\Avon Wildlife Trust Reserves\AWT_Reserves.TAB	[]     []
🖊 SpatiaLite			
PostgreSQL			
MSSQL			
📮 Orade			
DB2 DB2			
Virtual Layer			
🙀 wms/wmts			
🚑 wcs			
T WFS			
ArcGIS Map Server			
		Close	Adds Help

3. **Double click on the coloured box** as shown below to change the layer properties so the site shows boundaries only (no fill)

Layers		
🤞 🥼 💿 🕇 🖏		
	<u>eserves</u>	
Q Layer Properties - A	WT_Reserves   Symbology	? ×
Q	Single symbol	*
<ul> <li>Information</li> </ul>	Fill       Simple fill	
Source		
(abc) Labels		
Diagrams	Unit Millimeter Opacity	▼ 100.0 %
🔗 3D View		•
Source Fields		
Attributes Form	Symbols in Favorites	▼ Open Library
Joins		
Auxiliary Storage		outline green
o Actions	gradient p gray 3 fill hashed black , hashed black : hashed black outline blue	outline g Colorful
🧭 Display		
Kendering	Save	e symbol 🛛 Advanced 🔻
Variables	Layer rendering	encontractor function and a
Metadata	V Style V Cancel	Apply Help

Zoom into your desired site so the boundaries fill the screen

4. Layer -> Data Source Manager. Click WFS on left hand side. Press Connect to BRERC Geoserver.

Select \_live\_access from list of data

Ensure 'Only request features overlapping the view extent' is ticked.

Click 'Add' button once and WA	T! (It looks like	nothing is happ	ening)
--------------------------------	-------------------	-----------------	--------

🔇 Data Source Manager   WFS						?	×
Browser	Server connections						
<u>r</u>	BRERC Geoserver						•
V vector	Connect New	Edit	Remove		Load	Save	
Raster		h			L	1	
Delimited Text	Filter	1.02	18976 8	122			=1
	Title	Name	Abstract	Sql			
🛜 GeoPackage	habitatty	live:habitatty					
	ws.edit	live: ws edit					
🖉 Snatial ite	wns edit	live: wns edit					
+ spandere	snci_edit	live: snci edit					
	_rigs_edit	live:_rigs_edit					
PostgreSQL	ph_edit	live:_ph_edit					
	_p1_edit	live:_p1_edit					
MSSQL	_live_access	live:_live_ac					
	_gbgs_edit	live:_gbgs_edit	2				
	_awtr_edit	live:_awtr_edit					
orade	05-BCC-BRERC_Non-Notable.	live:bcc05	Where BRERC notable is 'no.	e			
	04-BCC-BRERC_Notable.SQL	live:bcc04	BRERC Notable Species wit				
2 DB2	03-BCC-S41.SQL	live:bcc03	Legal protection is S41 but	të			
	02-BCC-LEGAL.SQL	live:bcc02	Relevant Legal Protection is.	5			
🕌 Virtual Layer	01-BCC-EPS.SQL	live:bcc01	Legal protection starts with .				
🧖 wms/wmts							
	Use title for layer name						
📬 mc3	Only request features overlapp	ing the view exten	t				
WFS	Coordinate reference system	n					
ArcGIS Map Server	EPSG:27700					Change	
V+			100			1 1000	
ArcGIS Feature Server	U U		B	uild query Clo	se Add	Help	
A.I.A. Jackson Bandwood and Bandwood					Ad	d selected la	yers to m

Layer will appear in map window. Progress bar will flash at the bottom until all records are drawn back. Do not move or pan the map window.

5. **Change the layer properties** so the squares show boundaries only – as in the example described in step 3. above

Ensure that the \_live\_access layer is at the top of the layer list and highlighted (selected)



6. Use 'Select features' tool to draw the smallest possible box over your site



The selection will look weird but should be fine if you've followed all the previous steps correctly. You can see how many records(features) have been selected using the status bar towards the bottom left of the QGIS window

5146 feature(s) selected on layer live:\_live\_access.

## 7. Click Layer -> Save as...

Choose your format and filename to export to ESRI Shapefile

🔇 Save Vecto	or Layer as	-			?	×
Format	ESRI Shapefile					•
File name	C:\Users\BRERC\Documents\awt_selection.	shp				
Layer name						
CRS	EPSG:27700 - OSGB 1936 / British National (	Grid			•	
Encoding		LITE-8				•
Save only	v selected features					
Add save	ed file to map					
Select	fields to export and their export option	15				
▼ Geome	try					
Geometry	type	Automatic				-
Force r	nulti-type					
Include	e z-dimension					
Ext	ent (current: laver)					
V Laver (						
RESIZE						-
CUDT						
SHPI						
Custon	n Options					
			ок	Cancel	He	p