TPL Greenprint Web Portal

TRAINING GUIDE

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GETTING THERE

- Web Link
  - Use the following link to connect to the Greater Sandpoint online mapping site:
  - https://web.tplgis.org/GreaterSandpoint_GP/
  - Note: Mozilla Firefox works best for this mapping site. Internet Explorer version 7 or higher also works well.
  - Note: This mapping site is data intensive

- Password protected site

Help


This site allows the public to look at a variety of data used to assess conservation and restoration projects in the study area. Access to this site is open to the public.

- Enter Public Site

To access the password protected viewer which includes parcels, tap the link below:

- Enter Planning Site

- A username and password is required to access the site that includes parcel data.
- Contact Fred Gifford at The Trust for Public Land, Geographic Information Systems team (fred.gifford@tpl.org) for permission to use the password protected mapping site.
THE BASIC MOVES

- Change the viewer extent
  - Click the (+) sign to zoom in.
  - Click the (-) to zoom out
  - To zoom in to a particular area hold down shift, click your mouse on one corner of the desired extent, and drag your mouse to the opposite corner of the desired extent.
  - Click and drag your mouse to the right or left to adjust the view
  - As you change the viewer extent the map detail changes. As you zoom in the map becomes more detailed.
  - Click the button to return to the original extent.
  - Click the button to show your location on the map (for mobile devices)

- Change the map background
  - Click the Basemaps tab to the left of the map.
  - A drop down panel will appear. Click the small box next to the basemap you desire. Feel free to experiment with different basemaps. Note that you can close this panel at any time by clicking Basemaps again.

- Additional map layers
  - On the left side panel there are a number of options available. If you click on Layers, you will see all the layers in the viewer. These layers are categorized. At the top of the layers list there is an option to turn off all layers. If at any point you would like to remove all the results click this button.
  - Each symbol indicates that there are multiple layers grouped under that heading. Click the to expand and see what layers there are.
  - Click to show the symbology for an individual layer.
  - On the LAYERS tab, locate the Overlay Data section.
- Click the ☐ to the left of “Protected Lands” to open this group of overlay data. To display layers click the box next to it (a check will appear in the box). Click the same box and the checkmark will disappear. You will also notice that the corresponding layers on the map will no longer be visible.
- Click on the ☐ to use the Transparency slider to change the transparency of the overlay data so that you can see mapped features underneath the overlay data. Click the rectangular tab on the slider and hold the mouse down to drag it to the left or right.

- Experiment with different transparency levels. Notice that the transparency level of all overlay data changes as you change the transparency level.
- In this same drop down menu you can turn on all the overlay layers, turn them all off, review metadata, zoom to the layers, and layer swipe.
- If you hover your mouse over the Layer Swipe you can either choose vertical or horizontal.
  - A bar will appear in the viewer and you can slide it up/down or right/left depending on if you selected vertical or horizontal. Sliding this bar will show you what the map looks like with or without the data.
- Click the ☐ to the left of “Protected Lands” to open this group of overlay data.
- To review the meaning of the colors and symbols displayed on your map at any time, click the ☐ button next to the layer name. This will show you the symbology for that layer.

**Overlay Data**

☐ ☑ Parcels

- Get information about specific features
  - Turn on the Conserved lands layer under the “Protected Lands” group (switch back to the Overlay Data tab, and turn layer on if necessary).
  - Click on the map.
  - An information box will appear that describes the feature(s) that you clicked.
- **Note:** If you have multiple layers on the one that is highest in the table of content will be identified first.
  
  - If there is a ▶ in the info box title you have identified multiple features. Click ▶ to view information on the other selected features.

- **Add graphics to your map**
  
  - Click the DRAW tab on the left panel to add graphics to your map.

  ![Map interface with draw tools]

  _Current draw mode_: None
- To sketch a polygon graphic on your map, click the button.
- Begin sketching a shape on your map by clicking on your map. Double click to finish the sketch.

- You can also add points, lines, circles, and freehand polygons to the map by using the other draw buttons.
- If you want to change the graphics, use the button, and recreate the graphics using the methods described above.

  • **Note: This action will erase all your drawings**

- To stop drawing click the button
- Any graphics that you have added to the map will appear on your printable map.

• **Print a custom map**
  - To print a custom map that reflects the data and zoom level that you have chosen above, click the PRINT tab on the left panel.

<table>
<thead>
<tr>
<th>Print</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Title: Western Pennsylvania Business Pla</td>
<td></td>
</tr>
<tr>
<td>Format: PDF</td>
<td></td>
</tr>
<tr>
<td>Layout: Letter - Portrait</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>☀️ Settings</td>
<td>☑️ Print</td>
</tr>
</tbody>
</table>

- Enter a title for your map in the space provided.
- Choose the format and layout you would like.
- Click ☀️ Settings to make other adjustments to your printed map.
- Click the button once you have completed the above steps.
- Be patient while the mapping site generates a map for you. This process can take up to a minute.
- In the PRINT tab a file will appear once the export is complete. Click on the link to open your map.

- An 8.5 X 11 formatted map will be displayed that you can print or save to your computer hard drive to share with others.
- Close the export window.
- Return to original map
- Click the button at the top left of your map to reset your map extent, click the in the layers area, and select “Turn Off All Sublayers”.

7
- Google Street View

- Open the GOOGLE STREET VIEW tab.
- Zoom into an area on the map that you would like to see in Google Street View.
- Click to see the location you chose on the map.

You can choose other locations to see in Google Street View by clicking on another location on the map.
• Get help and access metadata
  - Click the Help button at the top left corner of your map for some simple Navigation shortcuts.
  - Still need help? Send an email to tplgis@tpl.org
  - To access the user guide and metadata for this viewer, click on the ☰ in the LAYERS tab. At the bottom of this layer is the Metadata.
Conservation Planning

The Greater Sandpoint Greenprint included an extensive data collection, mapping, and analysis effort to identify conservation priorities. This mapping site provides interactive access to the analysis results. The maps are a culmination of the regional priorities which were developed through extensive stakeholder meetings, data collection, GIS analysis, and interviews with partners, advisers, and constituents.

- **Map analysis results**
  - Click the LAYERS tab to the left of the map.
  - Find the section labeled *Analysis Data*. These are the layers showing priority conservation lands as part of this project.
  - Click the 📚 to the left of one of the overall conservation goals like “Improve Water Quality” to expand the list of layers under this heading.
  - Click the box next to one of the individual goal criteria like “Protect Riparian Areas” to turn this layer on.
  - Click the ⌛ next to the layer name for a description of the colors displayed on your map. The darker the red, the higher the priority.

- **Display parcels and run reports**
  - Turn on the “Parcels” layer that is in the Overlay Data section. Parcels within each focal area will turn on.
  - Once viewing the parcels, zoom in and click on a parcel to find out the degree of overlap with conservation priorities that may be found on that parcel.
- You can create an exportable Parcel Profile Report on individual parcels by clicking [Create Parcel Profile Report]. A Parcel Profile Report provides a detailed characterization of all modeled priorities and filtering criteria for an individual parcel.
- A download window will open. Click “Download File” to obtain the report.

- **Note:** For an example of this report see the last page of this help document.

- **Query data**
  - You can query the Parcels layer to find parcels that meet certain conditions by opening the Query Data tab.

- You can clear a query at any point by clicking the [Clear Query] tab.
• All queries are run on the parcel layer.
• Select the Logical Operator and query value and press **Add Condition**.
• The condition will appear. You can remove a query at any point by clicking **X**.
• After you have added all the desired queries click **Run Query**.
• A table will open at the bottom of the viewer showing you the parcels that fit your query.

<table>
<thead>
<tr>
<th>Parcel ID</th>
<th>Owner</th>
<th>Acres</th>
<th>Focal Geography</th>
</tr>
</thead>
<tbody>
<tr>
<td>6801-055-700D1</td>
<td>BRACICK, DENNIS L &amp; JUDITH A.</td>
<td>1.3</td>
<td>French Creek</td>
</tr>
<tr>
<td>6801-053-700D1</td>
<td>DILEY, DONALD T &amp; NANCY L.</td>
<td>1.1</td>
<td>French Creek</td>
</tr>
<tr>
<td>6801-043-700D1</td>
<td>WOOD, JACQUELINE</td>
<td>1.6</td>
<td>French Creek</td>
</tr>
</tbody>
</table>

1 - 100 of 5000 results

• If you click on an individual record in your table the map will zoom to that parcel.
• You can either export this data as an excel/csv or create a pdf report for the queried parcels.

**Export**

- **Select an Export Type**
  - Export To Excel Spreadsheet
  - Export

**PDF Report**

- Download File

- Add condition to query
  • Perform the same steps as above for any additional conditions you would like to include.

• Make sure and click “Add Condition” after you have set up your condition. Once this is done a second condition with appear in your query conditions.
• Follow the same directions as above to run the query.

• Example of Parcel Profile Report
  - There are a number of features that this report highlights.
  - On the top section of the report you can find information on the Parcel owner, acreage, Parcel ID and the Focal Geography the parcel is found in.
  - This report details the threats that may be found on the selected parcel along with the expected species priority habitat overlapping that parcel. Also shown are partner plans that have also identified the parcel as a priority to highlight potential partnership opportunities.