

Functionality of Data Extract Tool

Purpose

The purpose of the tutorial is to showcase the functionality of the Data Extract Tool. This tool provides the ability for the user to extract data based on a selected area to a shapefile or other GIS formats.

Data Extract Tool

1. Click on the Data Extract icon.

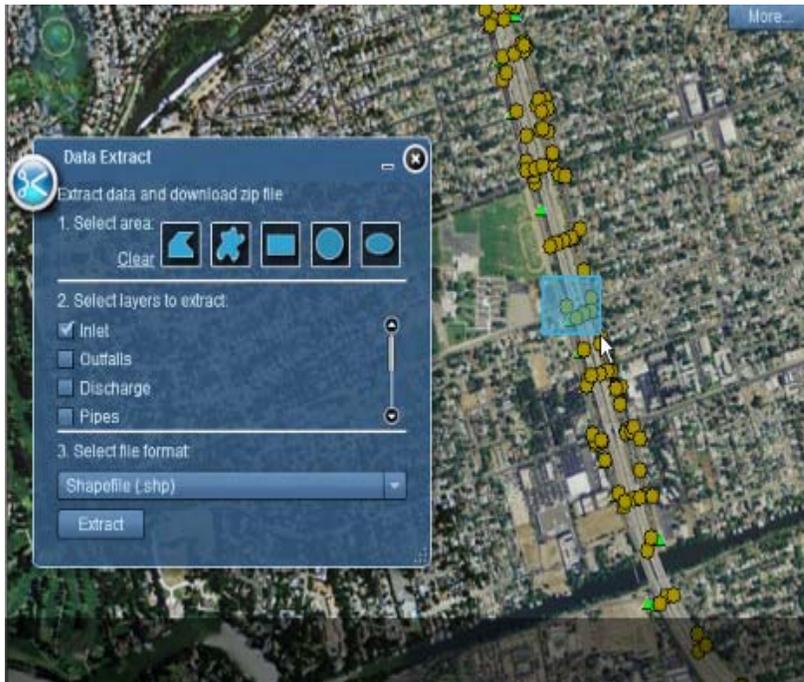


2. When you click on the data extract tool, a listing of the options appears in a new panel. A number of choices are provided to select the method of selecting the features to be extracted.

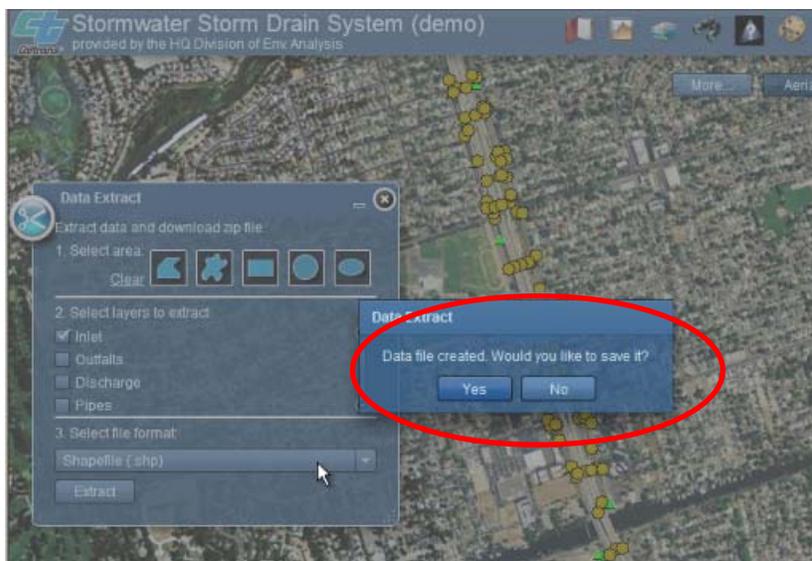


Choices for selecting the method of choosing the area on the map

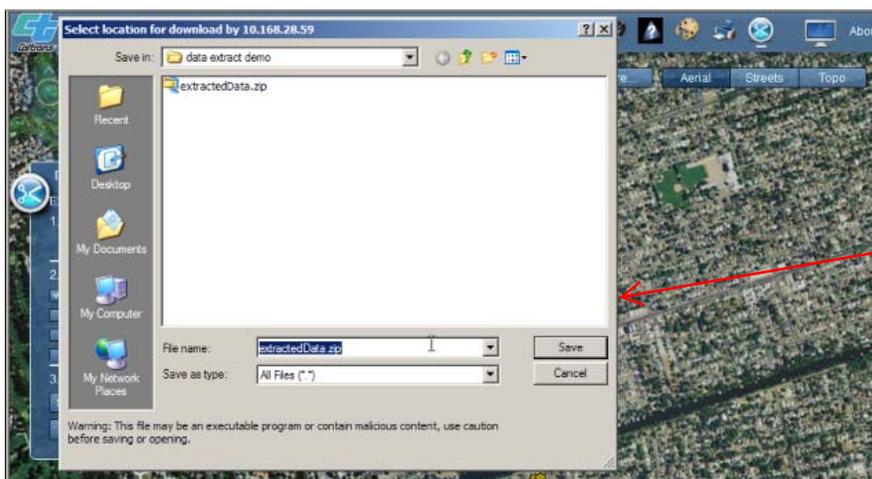
3. Let's select the rectangular area. Then we select the layer to extract data from. Next we need to Select the format to extract our data. Here select the shapefile. Now we select the area to extract on the map. Take the mouse on the map and press down to start and let go to finish.



4. Click on the “extract” button. After a few seconds, the tool inquires where to save the compressed (zip) extraction file.

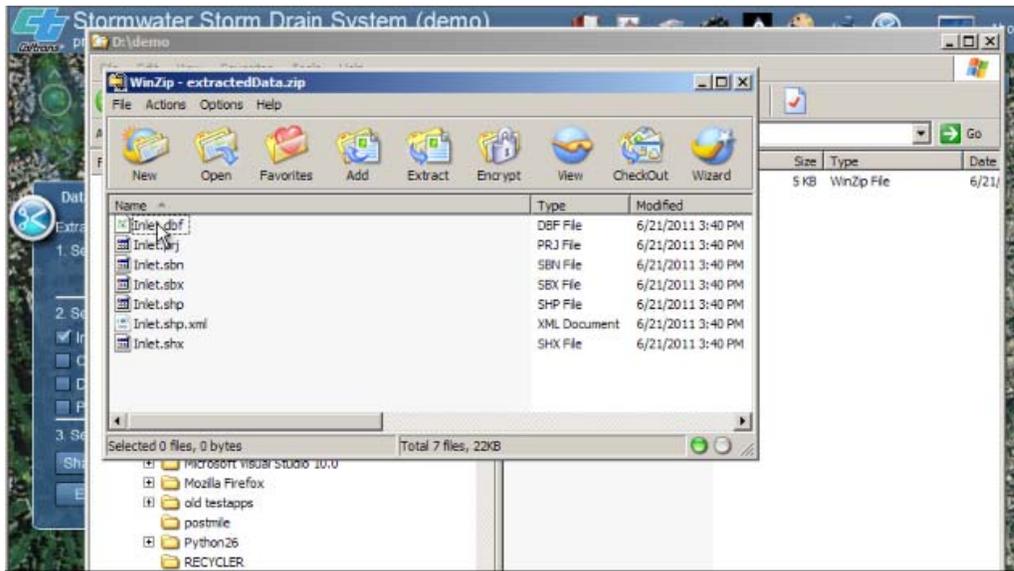


5. Click Yes and save the file at your desired location.

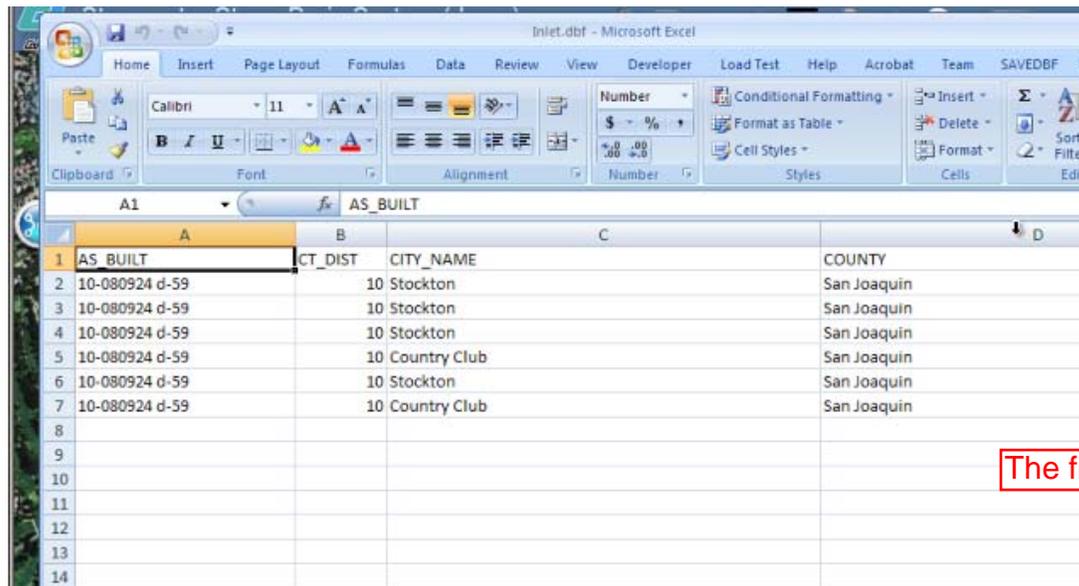


save the file to you desired location

- The zip file is saved and now we can check the content of the zip file. However recall that we saved the extraction file in a shapefile format. One of the files of the shapefile is the attribute file with the extension of dbf that can be viewed in MS Excel.



- In excel you can see all the attributes of the extracted features or you can use a gis desktop software to view the shapefile.



For a video tutorial of this topic, visit http://env.dot.ca.gov/env_gis/tutorials/extract/extract.html