EIM Lat/Long List Builder Instructions

Version 1.0
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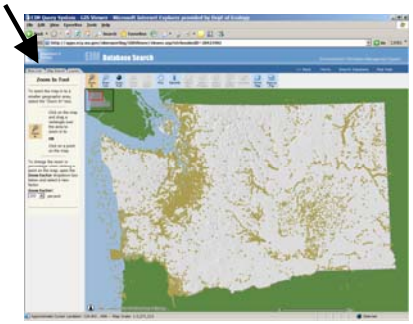
EIM requires geographic coordinates in Latitude/Longitude (decimal degrees or degrees-minutes-seconds), State Plane Coordinate System (SPCS), or Universal Transverse Mercator (UTM), for all locations. While preferably obtained in the field, the Lat/Long List Builder Tool within the EIM map allows you to obtain coordinates in Latitude/Longitude decimal degrees for any point.

To Generate a List of Lat/Long Coordinates:

Go to the EIM website at http://www.ecy.wa.gov/eim. Click *Search EIM Database.*

Click: 

You will use the tabs on the left side of the map (see arrow) to navigate the next few steps.



Click the *Map Search* tab.

Find your locations with the 

tool or the search form.

Click the *Layers* tab.

Expand the *Background Imagery* folder and check the box next to *Aerial Imagery*.

Click Refresh Map (beneath the *Layers* tab).

Select the 

tool from the toolbar at the top of the map.

Click Build List (under *Lat/Long List Builder* to the left).

Click any point on the map to generate a set of coordinates for that point.

Wait for the coordinates to appear under *Clicked Location* (upper left).

Once the coordinates appear, type a name for the point in the box under Step 2.

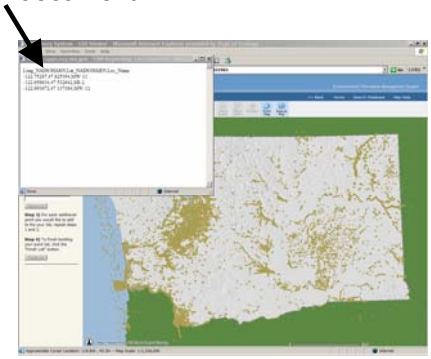
Click Add to List.

Repeat for all the points you wish to geolocate. When done, click Finish List.

A message will appear stating, *"A new window will open with your point list. Copy and paste the text to a text file."*

Click OK.

A window with your coordinate list will appear (see arrow). Copy and paste the list into another document.



To copy and paste into another document:

Highlight the text (hold down the *left* mouse button while dragging the mouse pointer over the text). *Right* click. A menu appears. Within the menu, *left* click "**Copy**". (Copy is only selectable with highlighted text.) Open a **blank document.** *Right* click in the document. Another pop-up menu appears, within which you *left* click "**Paste**".

Entering this information into EIM:

You now have latitude/longitude decimal coordinates in NAD83HARN for each point added to the list. Enter these coordinates into the EIM Location spreadsheet, columns R (Latitude Decimal Measure) and S (Longitude Decimal Measure). Ignore all other green columns in the spreadsheet, as these address alternate forms of coordinates.

In the EIM Location Spreadsheet, the following geographic information must accompany points obtained with the EIM Lat/Long Builder:

EIM Location Spreadsheet

Column	Title	Value	Meaning
K	Coordinate Referencing System	LAT/LONG	Latitude/Longitude
AH	Horizontal Reference Datum Code	03	HARN (same as NAD83HARN)
AI	Horizontal Accuracy Measure Code	06 or 07	±40ft (12m) or ±100ft (35m) (You may choose an alternate value if you feel these choices do not fit. See the Location Help document for other options.*)
AJ	Horizontal Collection Method Code	13	Digitized/captured from computer screen
AK	Horizontal Reference Point Code	24 or 25	Monitoring location or centroid of sampling area (See the Location Help document for other options if this does not apply to your data.*)
AL	Source Map Scale Code	01	Not applicable

*The Location help document, entitled: helpLocationV2006.01.doc, explains each component of the spreadsheet. It and other help documents are available on the Import Module Site under EIM Spreadsheets in the EIM Spreadsheets, Submittal Guidelines, and Help zip file.