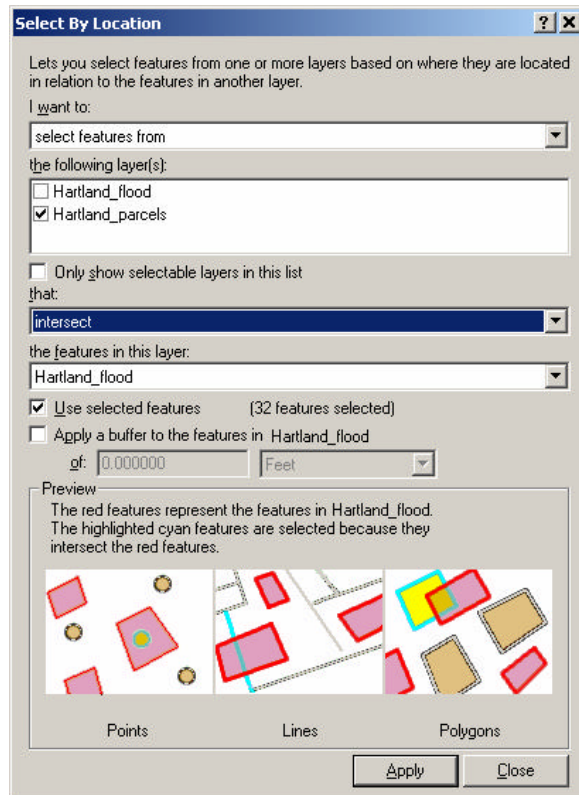
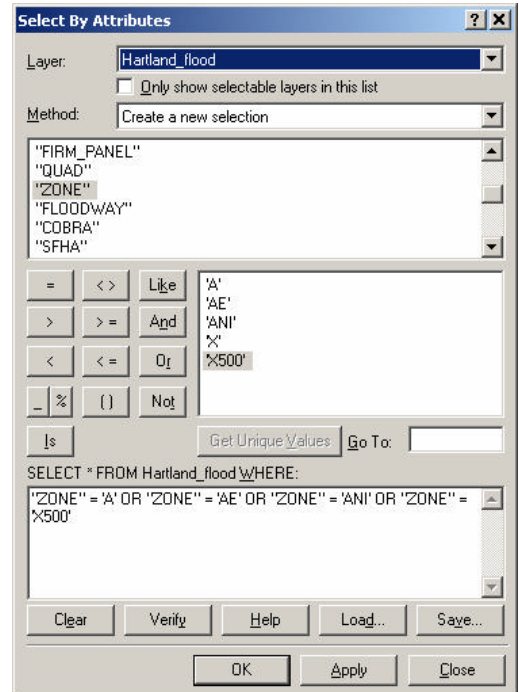


Estimate the Number of Parcels in the Flood Hazard Areas

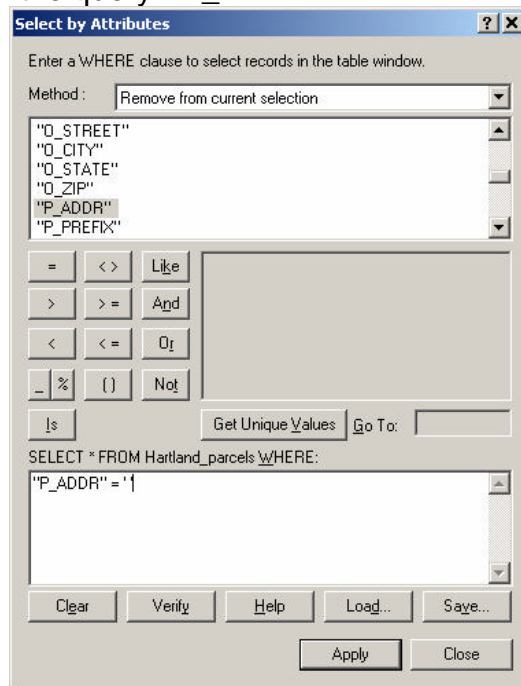
Updated: August 30, 2005

1. Create an ArcMap document
 - a. Add Parcels and Flood layers to the map
2. Select Flood Hazard Areas
 - a. Click Selection → Select by Attributes
 - b. Enter the as seen in the Select by Attributes window to select the flood hazard areas identified in the FEMA floodplain maps
 - c. Click OK to view the selection
3. Select parcels that fall partially in the floodplain
 - a. Click Selection → Select by Location
 - b. Set up the Selection window as seen below:
 - c. Click Apply to complete the selection



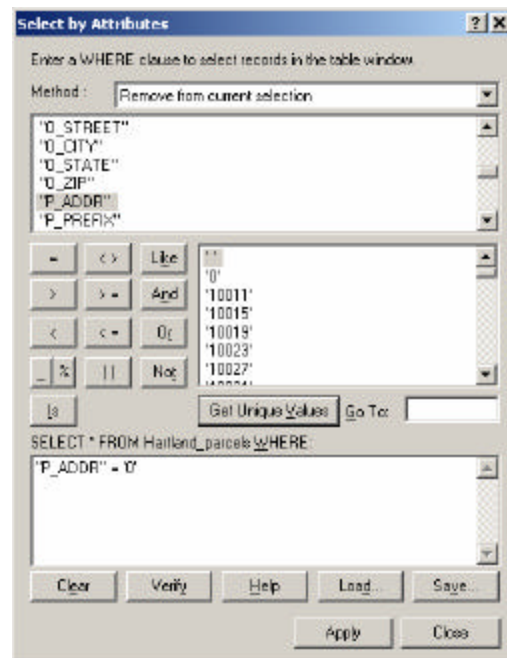
4. Refine query to eliminate parcels with no buildings
 - a. Open the parcel attribute table
 - i. Right-click Hartland_parcels layer in the Table of Contents to open a context menu

- ii. Select Open Attribute Table
- iii. In the Attribute Table, click the Selection button at the bottom to view only the selected records
- b. Some records are not parcels (labeled ROW, ROAD, etc in the Short_PID field), so they need to be removed from the selected set:
 - i. Click Options → Select by Attributes
 - ii. Select Method: Remove from Current Selection
 - iii. Enter the query: "P_ADDR" = ' '



- iv. Click Apply

- c. Some records are vacant property, which also need to be removed from the selected set (vacant parcels are indicated with a 0 in the P_ADDR field)
 - i. Click Options → Select by Attributes
 - ii. Select Method: Remove from Current Selection
 - iii. Enter the query: "P_ADDR" = '0'
 - iv. Click Apply



- d. The final number of parcels that are partially in the flood hazard area is indicated at the bottom of the attribute table