Part I

A. How many city council districts contain parts of the IU Bloomington campus? Using Dunn St. as the western border, Atwater Ave. as the southern border, and State Rd. 45/46 Bypass as the northern and eastern borders, parts of the IUB campus are included in City Council Districts 2, 3, 4, and 6.
B. What street lies along the southern-most boundary of the Downtown Commercial district? *W. Dodds St.*
C. What is the name of the largest body of water in the city limits? *Griffy Lake.*
D. How many fire hydrants are located on SPEA’s block? 2 on 10th, 1 on Fee, 1 behind SPEA.
E. According to this map, what neighborhood is home to Nick’s? *Old Northeast.*
Part II

A. How many County Council Districts are depicted on the GIS Map? Which is the smallest district geographically? 
*Four districts. District 4 is the smallest.*
B. Professor Usrey and family live at 4293 E. Farr Rd. Who are the owners of the property adjacent to the Usreys? David and Rebecca Vadas.
C. What is the tax bill for parcel: 53-02-25-100-008.000-017? What is the land-use type for this parcel? *Land use types for the parcel include tillable land, non-tillable land, woodland, and land covered by a farm pond or running water.*
LandUse

- 0 - Unknown
- 4 - Tillable Land
- 5 - Non-tillable Land
- 6 - Woodland
- 7 - Other Farmland
- 9 - Homesite
- 21 - Classified Forest
- 22 - Wildlife Habitat
- 71 - Land used for farm buildings and barn lots
- 72 - Land covered by a farm pond or running water
E. What are the top three (by geographic size) land-use types in Monroe County?  
*Woodland, Non-Tillable Land, Tillable Land.*
Part III

I created a map of Indiana with data on the epicenters of all known earthquakes over a magnitude of 3.0 (from St. Louis University and the US Geological Survey, from 2000) and data of populated areas (from the Census Burea, from 2000). I performed direct spatial analysis of earthquakes that have occurred within Indianapolis. Then, I performed indirect spatial analysis of earthquakes that have occurred within 100 miles of Indianapolis. Images follow, in respective order of description.