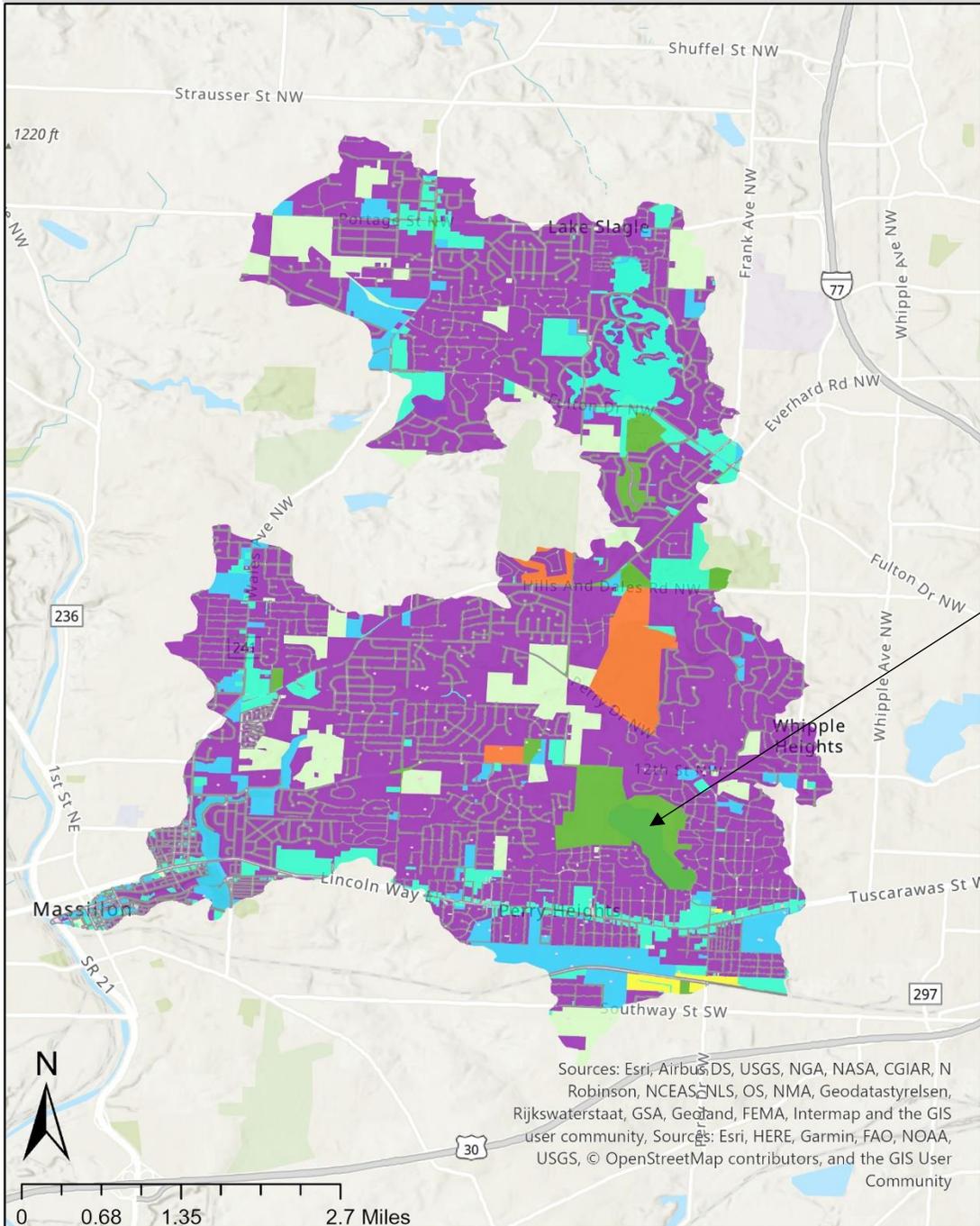
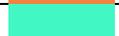
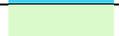
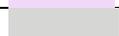
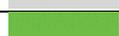


Land Use Affecting Sippo Lake Park, within the Sippo Creek Watershed, Stark County (Ohio)



Sippo Lake Park District

Legend	Land Use
	Residential Area
	Golf Course
	Commercial/Business
	County Land
	Agriculture
	Industry/Manufacturing
	Oil and Gas Network
	Parking Garage
	Park District

This project was created to be able to display the specific land uses that are affecting Sippo Lake, within the context of rainfall through the Sippo Creek Watershed. Specifically, this is showing the types of land that might be affecting water pollution and other water quality issues within Sippo Lake. This project was completed using a county map dataset, along with a Stark County HUC_12 watershed map dataset, and then intersecting that map with the Land Uses for Stark County from the Stark County GIS Hub. First, Stark County was clipped out of the county map dataset and then intersected with the watershed dataset. The watershed data set was then clipped to fit within Stark County. Then the Sippo Creek Watershed was selected and clipped out. The land use dataset was intersected with the previous clip function and then clipped to fit within the Sippo Creek Watershed. General, symbolization was done to make the map easier to read, and therefore 9 categories were created. These categories included: Residential areas, Golf Courses, Commercial Area (businesses), County Land, Agriculture, Industry/Manufacturing, Oil and Gas Network, Parking Garages, and then Park Districts. This map can specifically be used when looking at point source pollution that may be affecting Sippo Lake. The specific land uses within the county have been identified and therefore you are able to better pinpoint where the pollution may be coming from. You are better able to identify whether it is a fertilizer pollutant, or a runoff pollutant coming from a residential district nearby. This type of mapping may be possible for any lake or stream studies when working with types of pollutants may be affecting an area. This land use dataset specifically divided the area into parcels and then identified the land use by the parcel so you can pinpoint exactly where a specific pollutant may be coming from. This map also portrays the specific watershed that is affecting Sippo Lake, which means that any land use within this watershed is affecting Sippo Lake water quality, for better or for worse.