Blue Waters Contracting LLC – Niche Group, Lake / Pond Mapping & GIS Support

Lake / Pond Mapping & GIS Support Services  (in planning/design stage, Coming Soon 2021)

Blue Waters Contracting LLC uses state-of-the-art GPS, GIS, & deep sounding equipment to accurately map and model any body of water. We will work with private farms/land, condo/apartment complexes, golf courses, corporation/industrial sites, or anyone with a pond/lake. Our services can be used to create lake education maps, public relations/tourism maps, to assist in pond/lake management, fishery management, and dredge planning/analysis.

- **Lake/Pond Surface Mapping** – We can provide an accurate detailed surface map with elements and features. Including, but not limited to; inlets, outlets, spillways, docks, ramps, and so on. Additionally, maps can show surrounding feature elements such as structures, property lines, setback restrictions and more. Maps can be customized to include aerial imagery, topographic (contour lines), and/or basic color illustrative maps.

- **Bathymetry (Depth Mapping)** – We can provide an accurate water depth map that can be used to determine lake depth, approximate volumetric calculations. Represented as a topographic map (contour lines) or color/relief shaded for visual depth.

- **Sediment Mapping & Analysis** – (requires a Bathymetry/depth map) We can provide mapping analysis on sediment levels within your lake/pond. If existing bathymetry data is available, then a more accurate sediment level can be calculated. It is recommended lake/ponds be reevaluated every five years.

- **Dock/Deck Database & Management** – We can provide measuring, locating, photographing, and mapping support for docks and decks on the lake/pond. Locations can be modelled into an GIS database and can support the management or lake association operations.

*Blue Waters Contracting LLC is currently developing and finalizing service information for our Lake/Pond GIS support operations.*