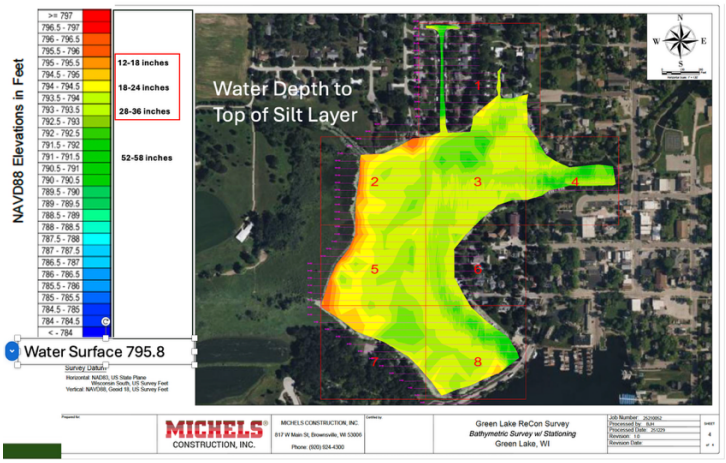
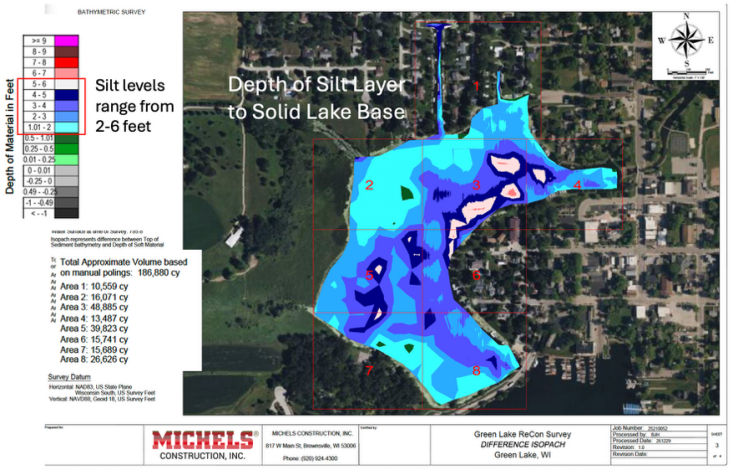
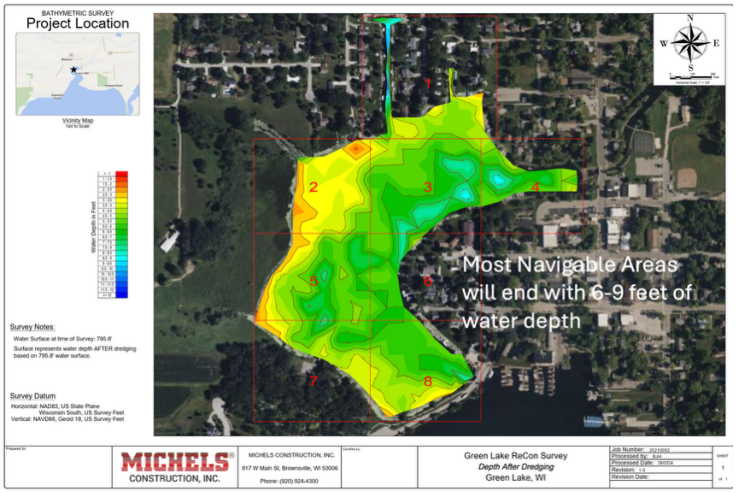
The friends of the Mill Pond used the funds raised to complete a Bathymetric Survey of the entire Mill Pond, a key requirement for gaining DNR approval for the project, as well as to obtain cost estimates based on the volume of silt to be removed. Overall, there are 186,000 cubic yards of silt in the Mill Pond if we were to dredge the entire pond down to its natural base layer. Based on current discussions with the DNR we would hope to remove roughly 130,000 cubic yards of silt as part of the project to restore Mill Pond and create long term viability and use as a recreational body of water.



This survey shows the water level in Mill Pond from the water surface down to the top of the silt. As you can see, most of Mill Pond is 18-36 inches from the water line to the silt, with a few small areas that are 12-18 inches, and a few areas (like the canals, which are as deep as 48 -58 inches from waterline to the top of the silt.



This survey shows the depth of the silt from the top silt layer to the solid pond base. As you can see, in most of the Mill Pond, the silt is 1-6 feet in depth, with the majority of the pond having 2-4 feet of silt. The entire pond contains 186,000 cubic yards of silt, equivalent to 55 Olympic swimming pools.



This survey shows the depth of the water in Mill Pond if all the silt were removed (this won't be the case, as we will leave about 25% of Mill Pond untouched, as defined by the DNR as "Valuable Fishing Habitat"). As you can see, in the areas where the dredging takes place, the water depth will range from 6 to 9 feet.