Myrtle Lake Restoration MSBU Project Description:

The proposed work entailed in the Myrtle Lake Restoration MSBU consists of removing organic matter up to a depth of two feet in the approximated nine acres in the south portion of Myrtle Lake. This organic matter is to be scrapped and moved into two locations in Myrtle Lake for the creation of wildlife spoil islands pursuant of the aquatic plant permit conditions provided by the Florida Department of Environmental Protection Bureau of Invasive Plant Management.

Map attached demonstrates area to be excavated (up to two feet) in red and approximate location of the proposed wildlife spoil islands. Wildlife spoil 1, located off the southern side of Twin Lakes Road (from cul-de-sac to 1015 Twin Lakes Road), is not to exceed a height greater than the elevation of the road. Wildlife spoil 2 is approximated to be 200 feet by 200 feet by 20 feet tall. Upon consolidation of these spoils, installation of beneficial native plants at the base (such as pickerel weed and duck potato) and trees (such as cypress and bay) will be installed. This will be included in project and allows for greater stabilization and utilization of waterfowl.

For areas outside of the excavation boundary, vegetation will be mowed/mulched using equipment with a front-end blade. Map attached also demonstrates area to be mowed/mulched in green. The acreage amount associated with this portion of the scope is dependent on equipment capabilities. This restriction is based upon organic matter that is greater than four feet in depth in which equipment is un able to operate. Property owners affected by this restriction have been personally advised on August 15th and are located at: 1830 Lake Emma Road; 1840 Lake Emma Road; 1500 Lincolnwood Lane.

Upon completion of the excavation phase, project will include a twelve month herbicide contract. This will consist of treating the approximate twenty acres of the south portion of Myrtle Lake. Thereafter, responsibility of maintaining an herbicide contract at the appropriate frequency will be through the Friends of Myrtle Lake, Inc. (a resident driven lake association).

In addition, project will include beneficial native plant material as required by aquatic plant permit conditions issued by the Florida Department of Environmental Protection Bureau of Invasive Plant Management. These plants must be installed by residents/volunteers with the assistance of County biologists. Replanted areas are along the lake shoreline.

General factors that may arise during the excavation phase includes temporary odors, visual decay of vegetation, transition of the establishment of beneficial native plants and any unforeseen circumstances.

This project is conditional on weather as water elevation will greatly reduce scope of restoration. Should water elevation exceed the criteria needed for excavation equipment, project will be postponed until conditions are more favorable.