



Four Lakes Task Force

## Sanford Lake Restoration Activity and Timeline

Activity	Scheduled Completion	Completion
<b>Engineering Design</b>		
Design Criteria Development	July 2021	
Data Collection and Base Mapping	September 2021	
<ul style="list-style-type: none"> <li>Topography, Boundary and Utility</li> <li>Wetland Boundary Survey</li> <li>Mussel Survey z</li> <li>Threatened and Endangered Species Survey</li> <li>Cultural Resources Survey</li> <li>Soil Borings</li> <li>Dive Inspection</li> <li>Existing Conditions Base Map</li> </ul>	Aug Aug Aug Aug Aug Aug Aug Sept	
Risk Based Analyses and Spillway Capacity Design	TBD/December 2021	
<ul style="list-style-type: none"> <li>Report submittal to EGLE</li> <li>EGLE comments/acceptance</li> </ul>	Oct 2021 TBD/Dec	
60% Engineering Design Submittal	December 2021	
<ul style="list-style-type: none"> <li>Geotechnical – preliminary design</li> <li>Civil – preliminary design</li> <li>Structural – preliminary design</li> <li>Mechanical and Electrical – preliminary design</li> <li>Hydraulics – preliminary design</li> <li>Independent 3<sup>rd</sup> party review</li> </ul>	Sept Sept Oct Oct Nov Nov	
90% Engineering Design Submittal	March 2022	
<ul style="list-style-type: none"> <li>Geotechnical – final design</li> <li>Civil – final design</li> <li>Structural – final design</li> <li>Mechanical and Electrical – final design</li> <li>Hydraulics – final design</li> <li>Technical Specifications and Contracts</li> <li>Environmental -final design</li> <li>Soil Erosion and Sediment Control Plan</li> <li>Independent 3<sup>rd</sup> party review</li> </ul>	Feb Feb Feb Feb Feb Mar Mar Mar Mar	
<b>100% complete engineering plans</b>	<b>May 2022</b>	
<b>Special Assessment District (SAD) and Financing</b>		
Communicate O&M methodology and CIP methodology to public	November 2021	
Submit Preliminary Special Assessment Roll, Environmental Reports and Preliminary Engineering to USDA	March 2022	
<ul style="list-style-type: none"> <li>SHPO Cultural/historical resource report</li> <li>Section 7 Endangered Species Act report</li> <li>Project plan and alternative analysis</li> <li>Construction and operating cost projections</li> <li>SAD methods</li> </ul>		
USDA Approval and Obligation of Funds	TBD	
Special Assessment Hearing for O&M Roll and CIP Roll	May 2022	
County Board Vote to Approve the O&M Roll and CIP Roll	June 2022	
Submittal of USDA bidding documents	June 2022	
<ul style="list-style-type: none"> <li>100 percent engineering plans and specifications</li> <li>EGLE permits / Environmental and Safety Permits</li> </ul>		
USDA Approval to Bid Project	TBD	
USDA Closing Submittal	December 2022	
O&M Assessments on Winter Taxes	December 2022	
CIP Assessments on Winter Taxes	December 2023	
<b>Environmental and Permitting Requirements</b>		
Part 301 – Inland Lake and Streams Impacts	Feb 2021	
<ul style="list-style-type: none"> <li>Water Control Plan</li> <li>Stranded Organisms Plan</li> <li>Permanent and temporary impacts design and application</li> </ul>		
Part 303 - Wetland Impacts	Dec 2021	
<ul style="list-style-type: none"> <li>Permanent and temporary impacts design and application</li> <li>Wetland Mitigation</li> </ul>		
Part 31 - Floodplain Impacts	Feb 2021	
<ul style="list-style-type: none"> <li>Hydraulic modeling – flood plain elevations</li> <li>Permanent and temporary impacts design and application</li> </ul>		
Part 315 – Dam Safety	Feb 2021	
<ul style="list-style-type: none"> <li>Spillway Design Storm Capacity</li> </ul>	TBD/Dec 21	
Part 365/Section 7 – Threatened and Endangered Species	Nov 2021	
Section 106 – Historic Preservation (SHPO)	Nov 2021	
EGLE permit application submittal	April 2022	
Part 91 – Soil Erosion and Sediment Control permit submittal	April 2022	
EGLE Issues Permit	TBD/June 2022	
<b>Construction</b>		
Notice to Proceed	Feb 2023	
Completion	2024	