



## Wixom Lake Restoration Activity and Timeline

Activity	Scheduled	Completion
<b>Engineering Design</b>	December 2023	
Design Criteria Development	July 2021	X
Data Collection and Base Mapping	May 2022	
<ul style="list-style-type: none"> <li>Topography, Boundary and Utility</li> <li>Wetland Boundary Survey</li> <li>Threatened and Endangered Species Survey</li> <li>Cultural Resources Survey</li> <li>Soil Borings and Dive Inspection</li> <li>Existing Conditions Base Map</li> </ul>		
Risk Based Analyses and Spillway Capacity Design	July 2022	
<ul style="list-style-type: none"> <li>Report submittal</li> <li>EGLE, Third Party and Community comments on Risk</li> </ul>		
60% Engineering Design Submittal	December 2022	
<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>Wetland Mitigation Plan and Environmental Impact – preliminary design submittal</li> <li>Independent 3<sup>rd</sup> party review</li> </ul>		
90% Engineering Design Submittal	May 2023	
<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>Wetland Mitigation and Environmental Impact Final Design</li> <li>Soil Erosion and Sediment Control Plan</li> <li>Independent 3<sup>rd</sup> party review</li> </ul>		
<b>100% complete engineering plans</b>	<b>October 2023</b>	
Utility Coordination & Relocation	December 2023	
<b>Bidding and Construction</b>	April 2026	
USDA Approval to Bid Project - based on final plans and permits	TBD/Dec 2023	
Bid Opening and Final Computation of Cost	January 2024	
USDA Closing Submittal	February 2024	
USDA Notice to Proceed and Preconstruction meeting	March 2024	
Issue Notice to Proceed with Construction	March 2024	
Finish Construction (18-24 months) and Fill Lake	April 2026	
<b>Special Assessment District (SAD) and Financing</b>	December 2024	
Communicate O&M methodology and CIP methodology to public	November 2021	
Submit Preliminary Special Assessment Roll, Environmental and Engineering Report to USDA	July 2023	
<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>	December 2021 September 2023 July 2023 May 2023 September 2022	
USDA Approval and Obligation of Funds	TBD/October 2023	
Special Assessment Hearing for Operations Roll and Capital Improvement Roll	May 2023	
County Board Vote to Approve the Operations Roll and Capital Improvement Roll	June 2023	
Complete SAD Appeal Process	TBD/July 2023	
Submittal of USDA bidding documents	TBD/ Nov 2023	
<ul style="list-style-type: none"> <li>EGLE permits / Environmental and Safety Permits</li> </ul>	TBD/ Nov 2023	
Operations Assessments on Winter Taxes	December 2022	
Capital Improvement Assessments on Winter Taxes	December 2024	
<b>Environmental and Dam Safety Permitting</b>	November 2023	
Lake Restoration Plan Submittal	August 2022	
Lake Restoration Plan Implementation	June 2031	
Part 301 – Inland Lake and Streams Impacts	September 2022	
<ul style="list-style-type: none"> <li>Water Control Plan, Stranded Organisms Plan 301 impact design and application</li> </ul>		
Part 303 - Wetland Impacts	September 2022	
<ul style="list-style-type: none"> <li>303 impact design, application, and Wetland Mitigation</li> </ul>		
Part 31 - Floodplain Impacts	September 2022	
<ul style="list-style-type: none"> <li>Hydraulic modeling – FEMA 100 flood plain</li> <li>Impacts design and application</li> </ul>		
Part 315 – Dam Safety	October 2023	
<ul style="list-style-type: none"> <li>Spillway Design Storm Capacity submittal</li> <li>60% design submittal with permit application</li> <li>90% design submittal with correction request</li> <li>Final Plan submittal with final correction request</li> </ul>	May 2022 September 2022 March 2023 May 2023	
Part 365/Section 7 – Threatened and Endangered Species Submittal	July 2023	
Section 106 – Historic Preservation (SHPO) Submittal	August 2022	
Part 91 - Soil Erosion and Sediment Control Submittal	April 2023	
EGLE permit application submittal	December 2022	