

GLMRIS

GREAT LAKES AND MISSISSIPPI RIVER INTERBASIN STUDY



AQUATIC NUISANCE SPECIES



ECOSYSTEMS



NAVIGATION



RECREATION

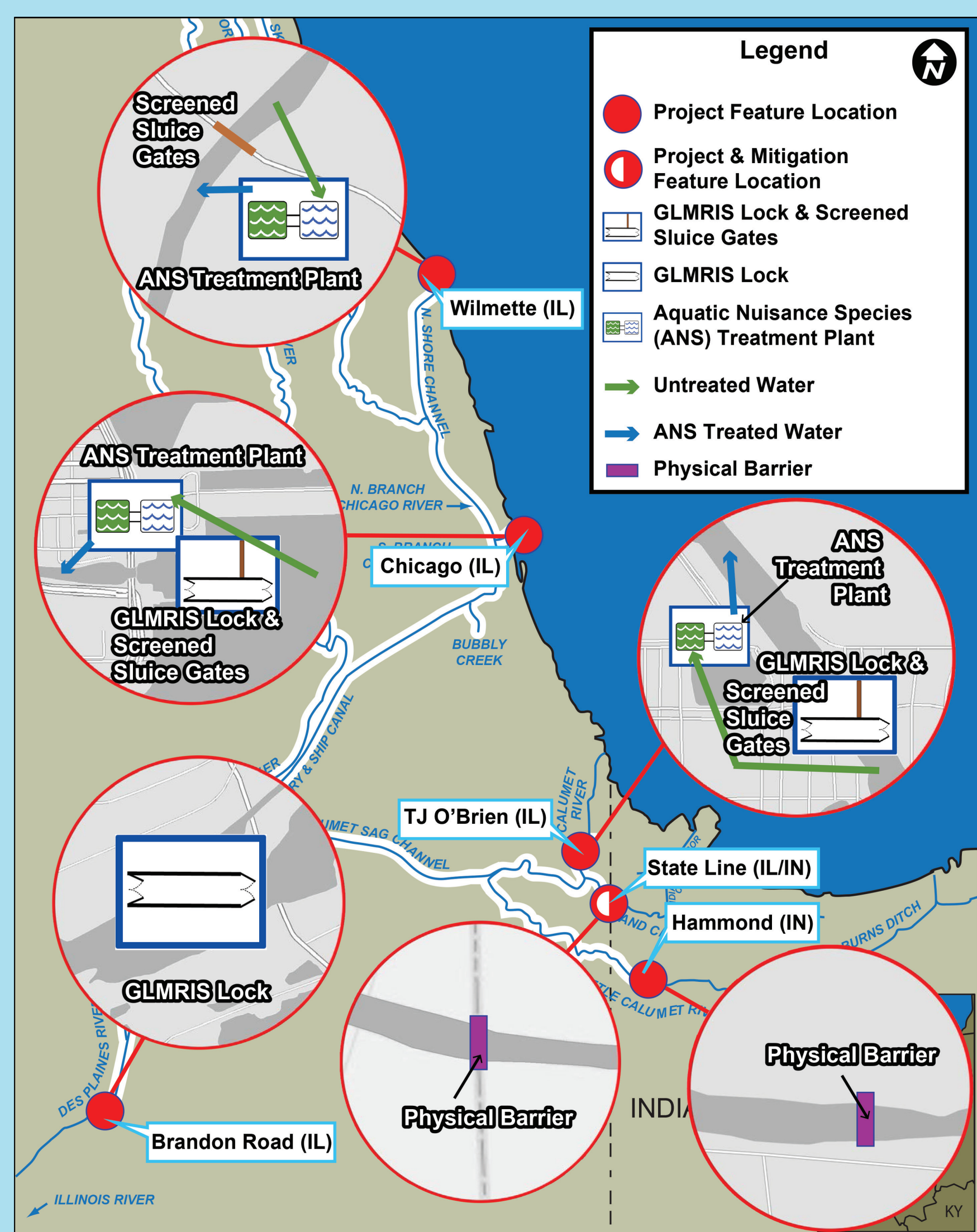


FLOOD RISK MANAGEMENT

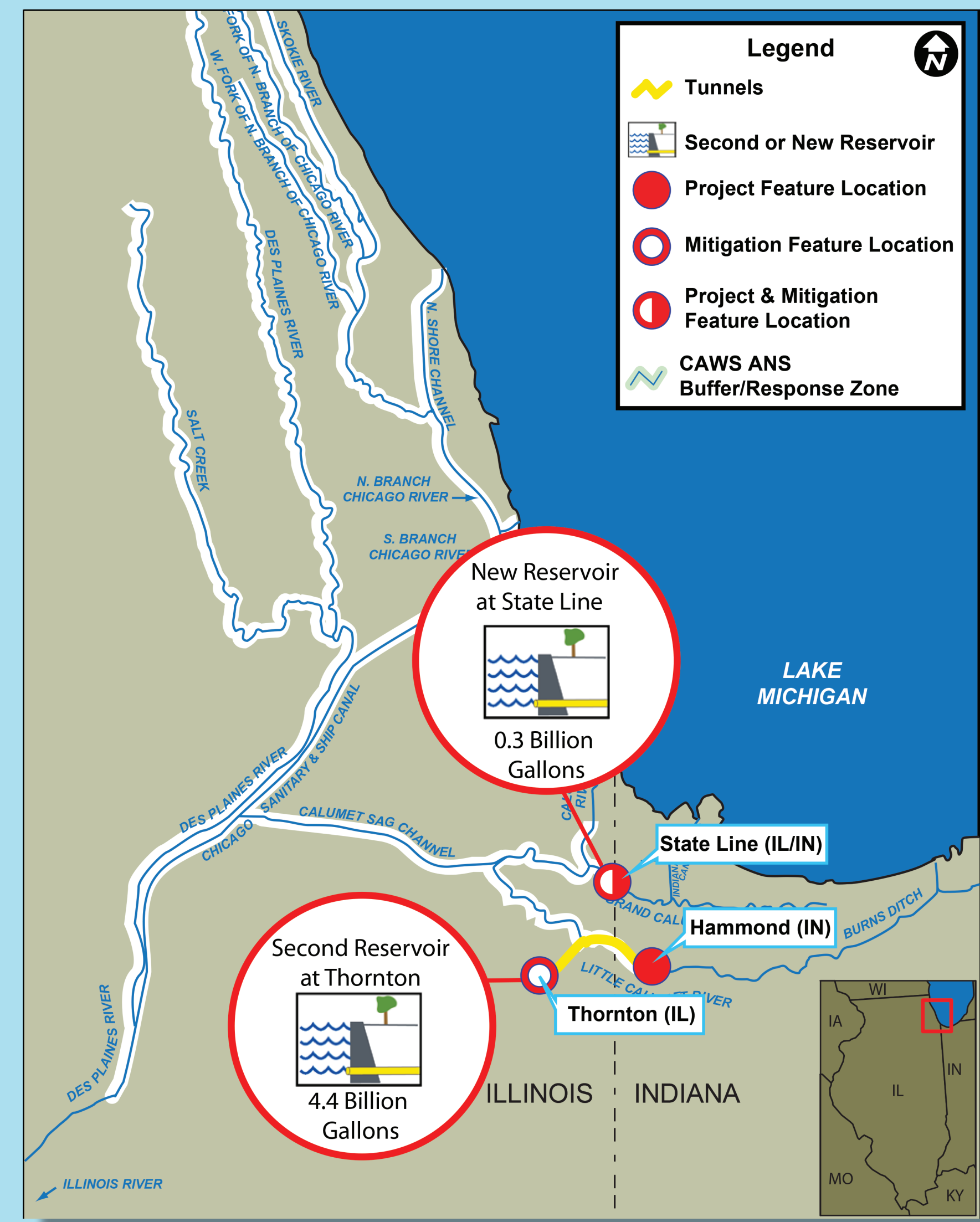


WATER USE

Control Technology Alternative with a Buffer Zone



ANS Controls

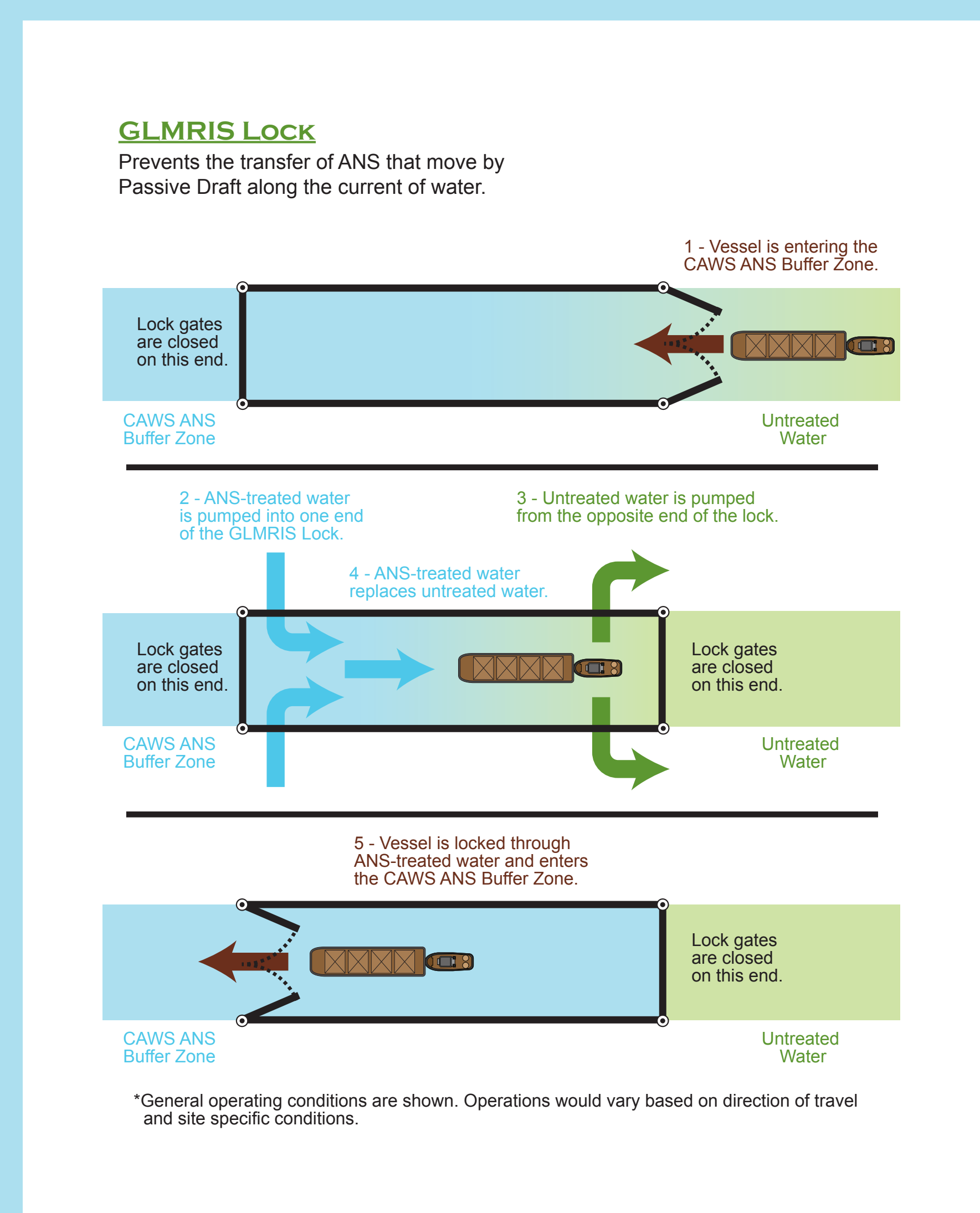


Mitigation Features

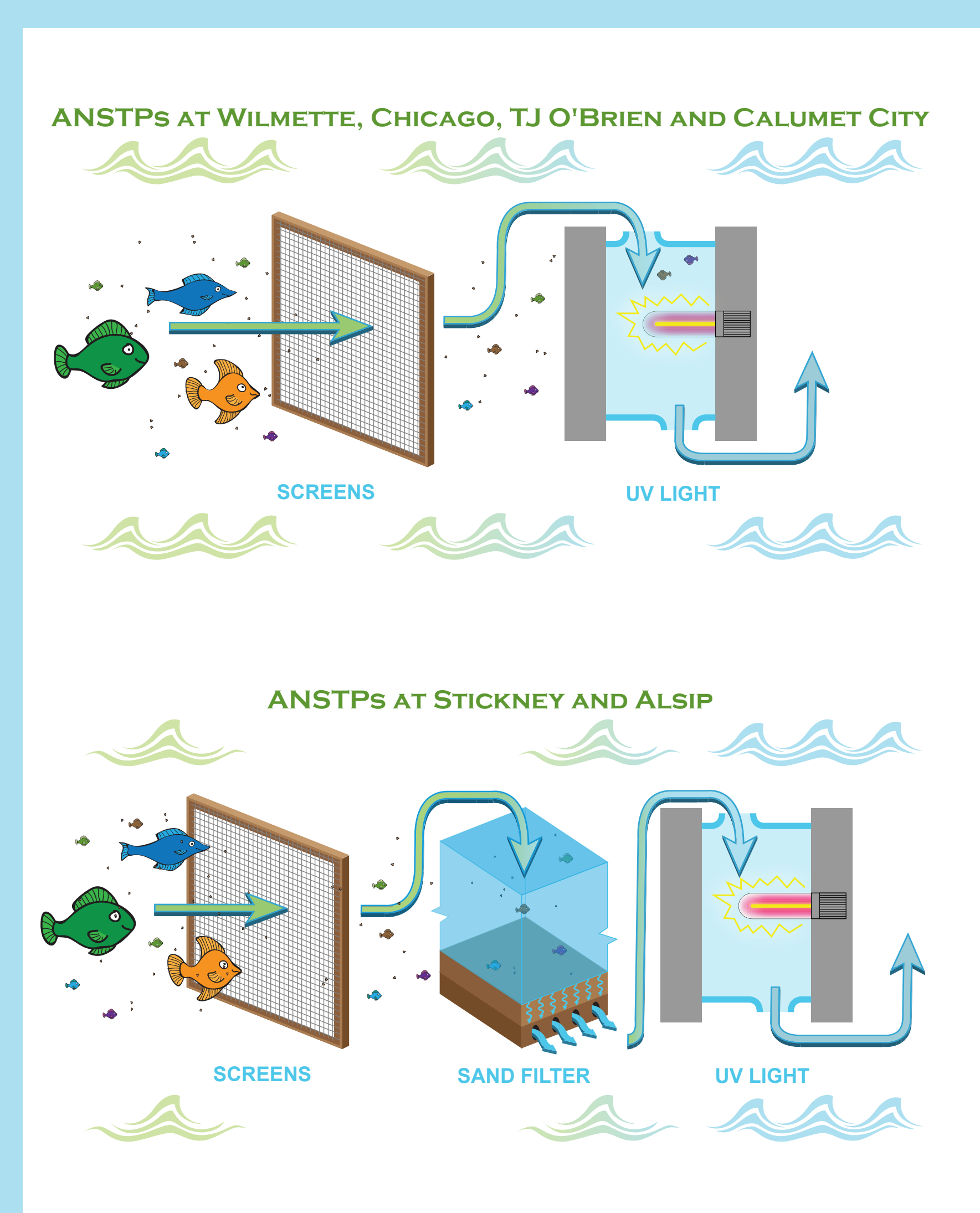
This alternative creates a Buffer Zone within the CAWS between six lakefront and downstream control points. The Buffer Zone would be comprised of stormwater and treated effluent. GLMRIS Locks with flushing chambers, engineered channels, and electric barriers would be installed at Chicago (IL), T.J. O'Brien (IL), and Brandon Road (IL). ANSTPs and screened sluice gates would be included at Wilmette (IL), T.J. O'Brien, and Chicago. Physical barriers would be constructed in the waterway at Stateline (IL/IN) and Hammond (IN). This alternative also includes nonstructural measures.

This alternative would allow CAWS operations to remain relatively unchanged and is not anticipated to significantly impact CAWS uses and users.

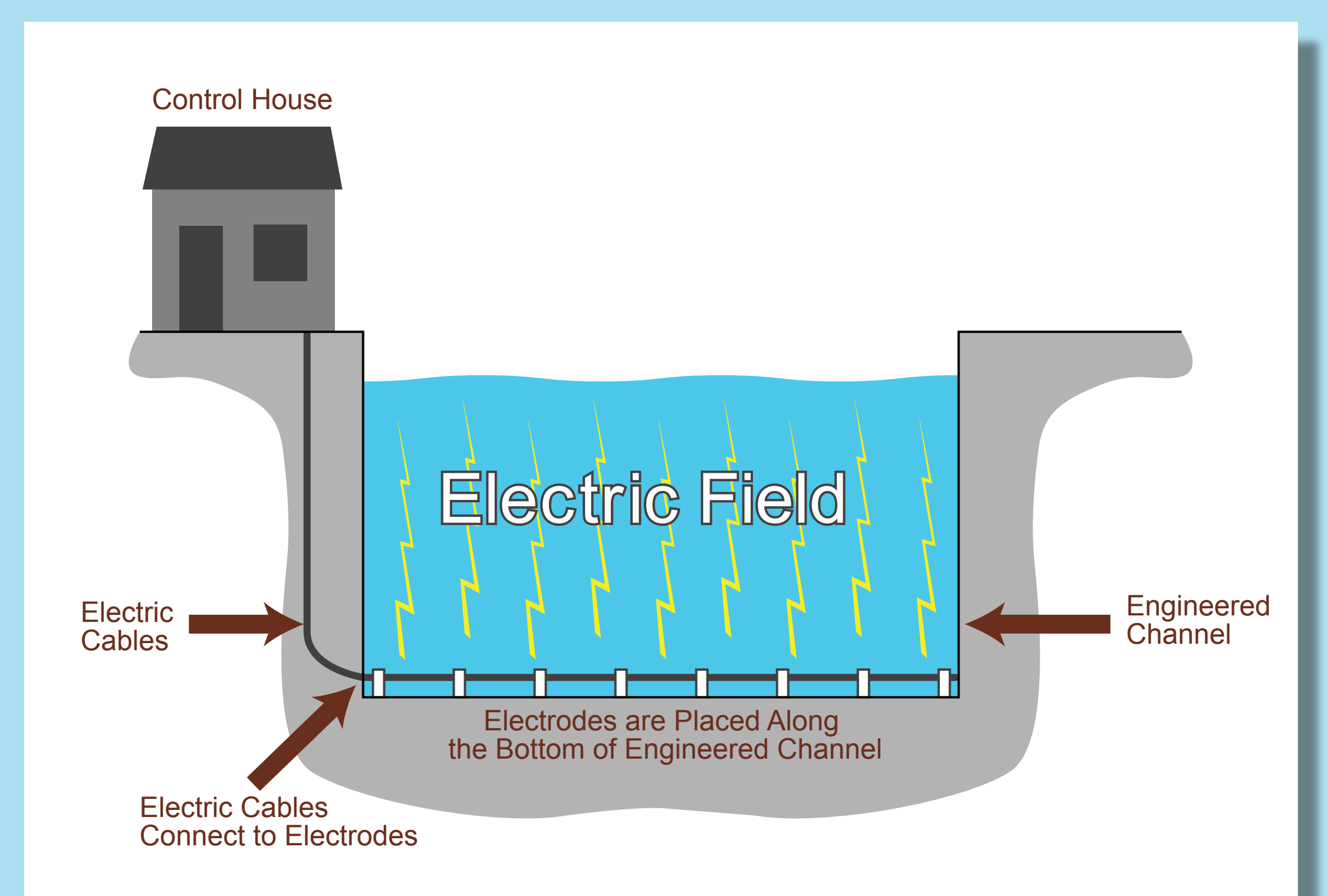
ESTIMATED TIME UNTIL ALTERNATIVE IS COMPLETED: 10 YEARS



GLMRIS Lock



ANSTP schematic



GLMRIS-Electric-Barrier Cross Section



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