

YORKINUT SLOUGH HREP





STUDY OBJECTIVES

1. Restore and increase early successional and emergent wetland within the study area over the 50-year period of analysis
2. Restore and increase floodplain forests within the study area over the 50-year period of analysis
3. Improve hydrologic conditions for wildlife including waterfowl, shorebirds, wading birds, Neotropical migrants, and others within the study area over the 50-year period of analysis



Dated, ineffective wells



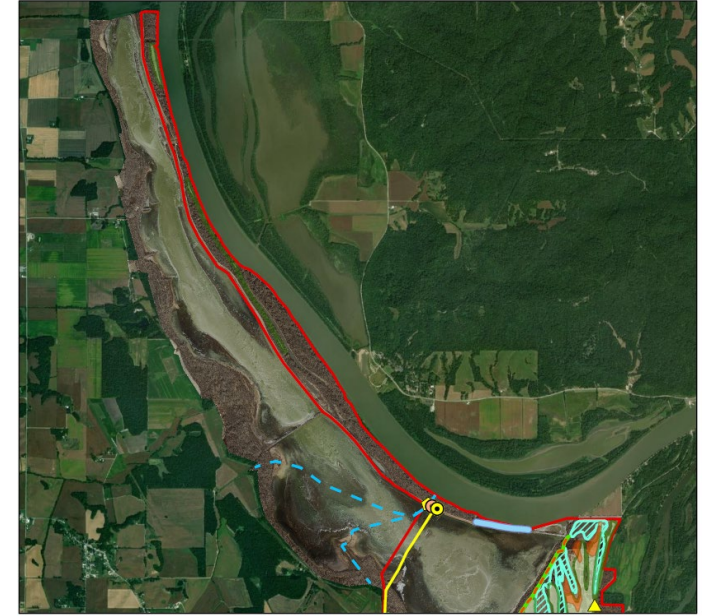
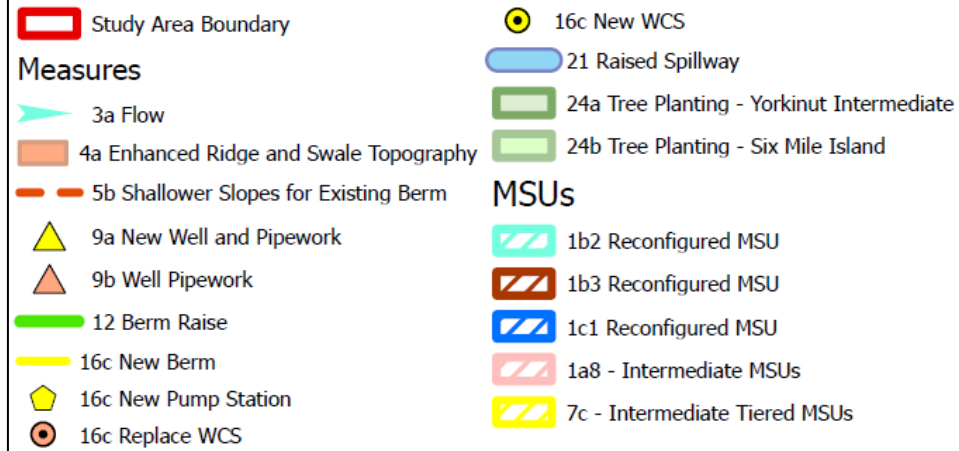
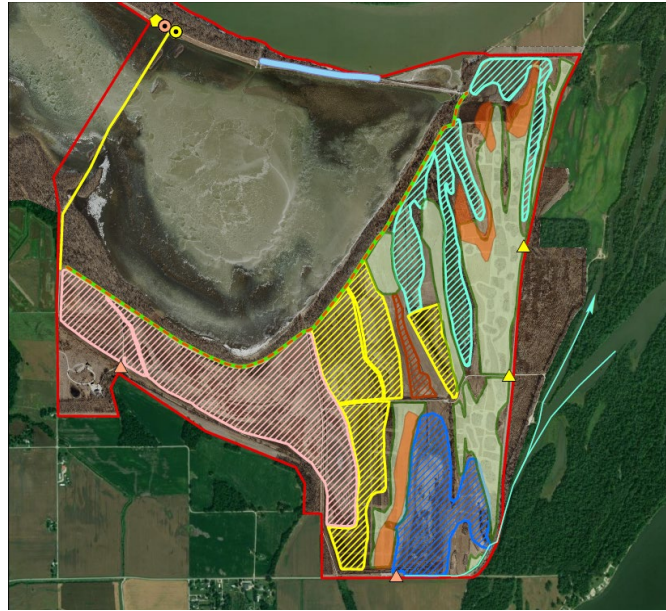
Seepage through berms; sedimentation



Watersheds and river levels impact Yorkinut drainage



TENTATIVELY SELECTED PLAN DESCRIPTION



Estimated Total Project Cost- \$29,920,000

Net gain of 563 AAHUs

Acres/functions restored:

Forest Diversity – 269 AAHUs

Aquatic Vegetation/Waterfowl Habitat- 294 AAHUs

All project measures are located on federal lands



Photo: USFWS



YORKINUT SLOUGH - PROJECT MILESTONES

- Kickoff Charrette 6 May 2020
- Additional Data Acquisition 2020
 - Soils Data
 - Hydrology Baseline Modelling
- FY20 - Develop Problems, Opportunities
- FY21 - Develop Measures
- FY22 - Alternative Formulation
- FY23 – TSP, Draft Report, Reviews
 - Public Meeting May 2023
 - Report Approval fall 2023
- FY24 – Initiate Design



Piasa and Eagles Nest HREP Dredging Contract Award w/ IL DNR

MVS – Success Story



SUMMARY:

- Major milestone Stage 2 Dredging Contract Award
- 1,381 Acre Project Area – Pool 26 between Alton and Grafton, IL
- Creating and enhancing side channel, backwater, and historic island habitat
- Illinois DNR project sponsor
- Marine based UMRR project

PROJECT COSTS

- Estimated Total Project Cost of \$26.7 million

CHALLENGES

- Highly visible project with robust stakeholder support
- CEFMS and P2 outages
- Adapting project scope due to unforeseen changes

PICTURES:

1. UMRR partnership. Primary partners include 5 federal agencies and 5 state agencies and numerous non-governmental organizations.
2. Stage 1 – Rock Contract
3. Island 2 completed rock ring
4. Piasa Stage 2 – Dredge Contract Plans





PIASA & EAGLE'S NEST ISLANDS, IL

**ST. LOUIS
DISTRICT**

**Piasa & Eagles Nest Islands
HREP
Stage I**

**FY22/23 Dredging
Contract Award
and Construction**



**Piasa & Eagles Nest Islands HREP
Stage I**





Piasa and Eagles Nest Islands Habitat Rehabilitation and Enhancement Project, UMRR



PROJECT SCOPE

- The Project is located on the left descending ban, Mississippi River Pool 26, Miles 207.5-211.5, Madison & Jersey County, Illinois
- Sponsor: IL Department of Natural Resources
- Congressional: Senator Dick Durbin, Senator Tammy Duckworth, Representative Rodney Davis
- The project consist of side channel, wetland, and island habitat

▪Total Estimated Project Cost: \$26,746,000

MILESTONES

- ✓ Fact Sheet Complete
- ✓ Feasibility Complete
- ✓ MOU Executed
- ✓ Design Complete Stages 1 & 2
- ✓ Stage I Construction Rock Structure contract complete
- ✓ Stage 2 Construction Dredging contract awarded Feb 2023
 - NTP 20 March
- OMRR&R
- Project Closeout

CHALLENGES

- Robust public and stakeholder support
- Highly visible project along National Scenic Byway
- Prominent recreation area: boating, fishing, hunting
- Adapting to unforeseen changes in project scope during construction, supplemental EA

PATH FORWARD/DECISIONS

- Task Order Issued initial work – Stage 2 dredging
- Proactively manage funding and seek opportunities to accelerate funding availability
- Continue Communication with Sponsor and Stakeholders
- Contractor will use approximately 500,000 cubic yards of dredged material to fill three island rings
- Hosting island naming competition in conjunction with RPO ISOP Rangers, PAO, stakeholders, and local schools



Piasa and Eagle's Nest Islands HREP



Stage 2
Hydraulic Excavation of Side Channel
NTP issued March 2023



Stage 1 Completed
Island Rock Protection



