

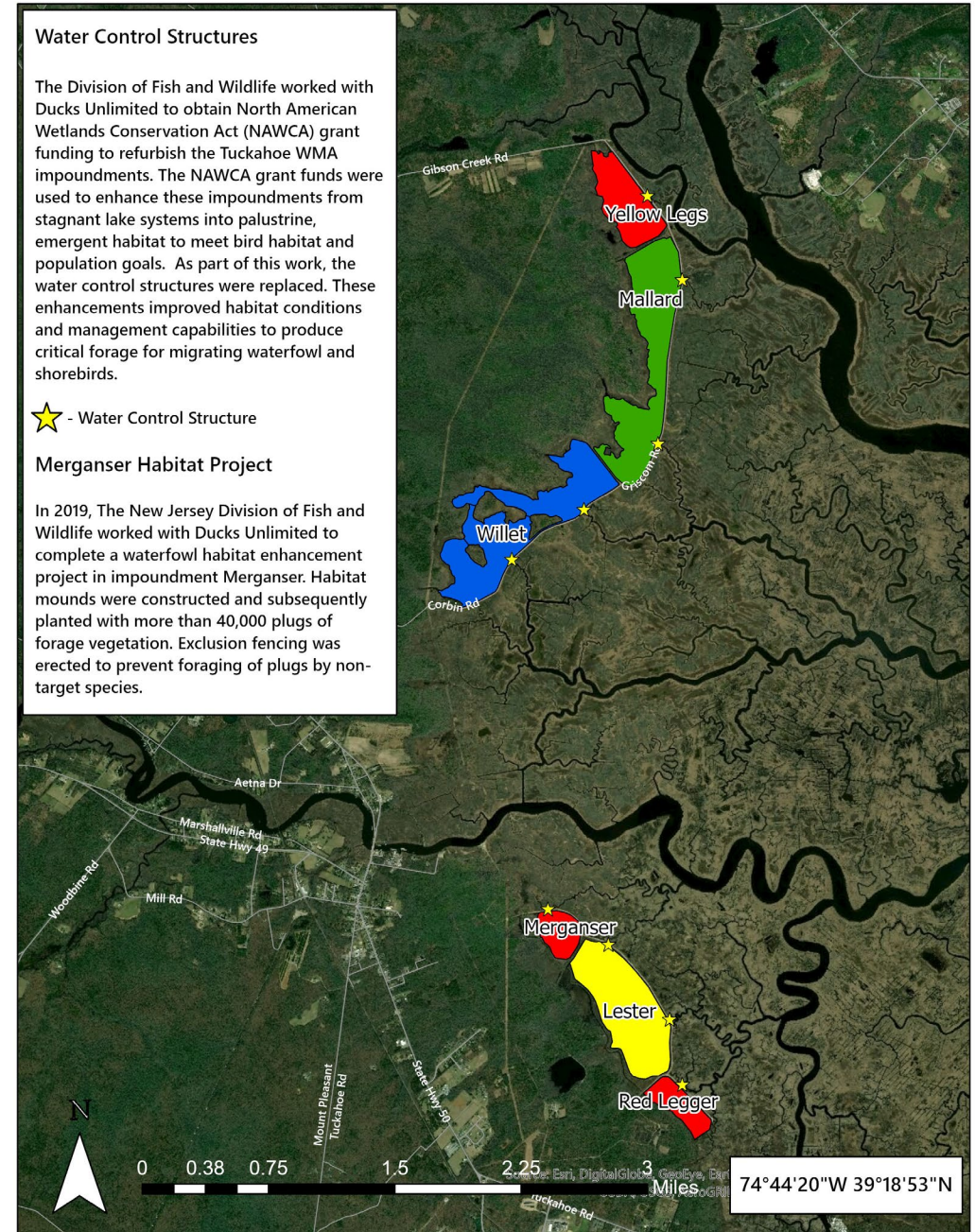
New Jersey Division of Fish and Wildlife Impoundment Seeding Program

Tyler Kinney – Regional Habitat Planner, Bureau of Land Management



Waterfowl Impoundments – Southern Region

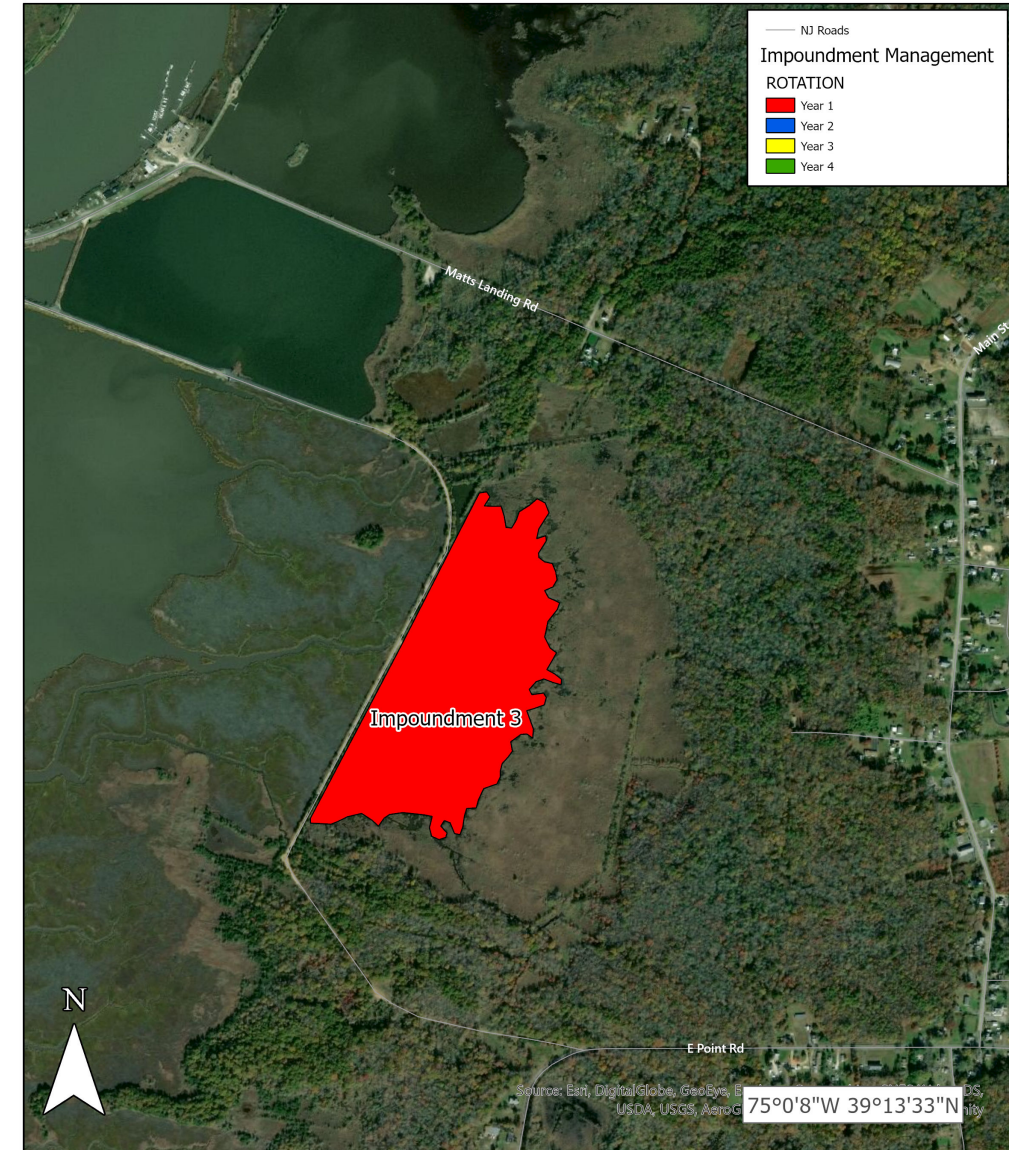
- Tuckahoe WMA has 6 coastal impoundments totaling 941 acres
- Heislerville WMA has 3 coastal impoundments totaling 205 acres
- In 2013, the Division of Fish and Wildlife worked with Ducks Unlimited to obtain **North American Wetlands Conservation Act (NAWCA)** grant funding to refurbish water control structures along the impoundments in Tuckahoe and Heislerville Wildlife Management Areas.
- The refurbished water control structures allowed us to take on several habitat restoration and enhancement projects, including:
 - Annual drawdowns to benefits various species of waterfowl
 - Phragmites management regimes
 - A habitat mound creation project in impoundment Merganser
 - Aerial Seeding Operations



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Impoundment Seeding - Heislerville WMA



0 0.15 0.3 0.6 Miles



Aerial Seeding Operations

- January:
 - Habitat meeting between the Bureau of Lands Management staff and biologists from various Division of Fish and Wildlife programs.
 - Division of Fish and Wildlife waterfowl biologists present impoundment draw-down plans for the calendar year.
 - Waterfowl biologists recommend impoundments to be seeded, as well as the seed mixture to be used.
- April:
 - Quotes are obtained and purchase order placed for contract vendor to utilize Ag-Cat aerial seeder to spread seed.
 - Quotes are obtained and purchase order placed for impoundment seed mixture.
- May/June:
 - Waterfowl biologists draw-down impoundments to expose mud flats.
 - Contract vendor spreads seed mixture in mid-June.



June 2019 – Panoramic view of the exposed mudflat of impoundment Mallard shortly before seeding



June 2021 – Contract vendor spreads seed mix over impoundment Yellow Legs

Aerial Seeding Operations

Status:

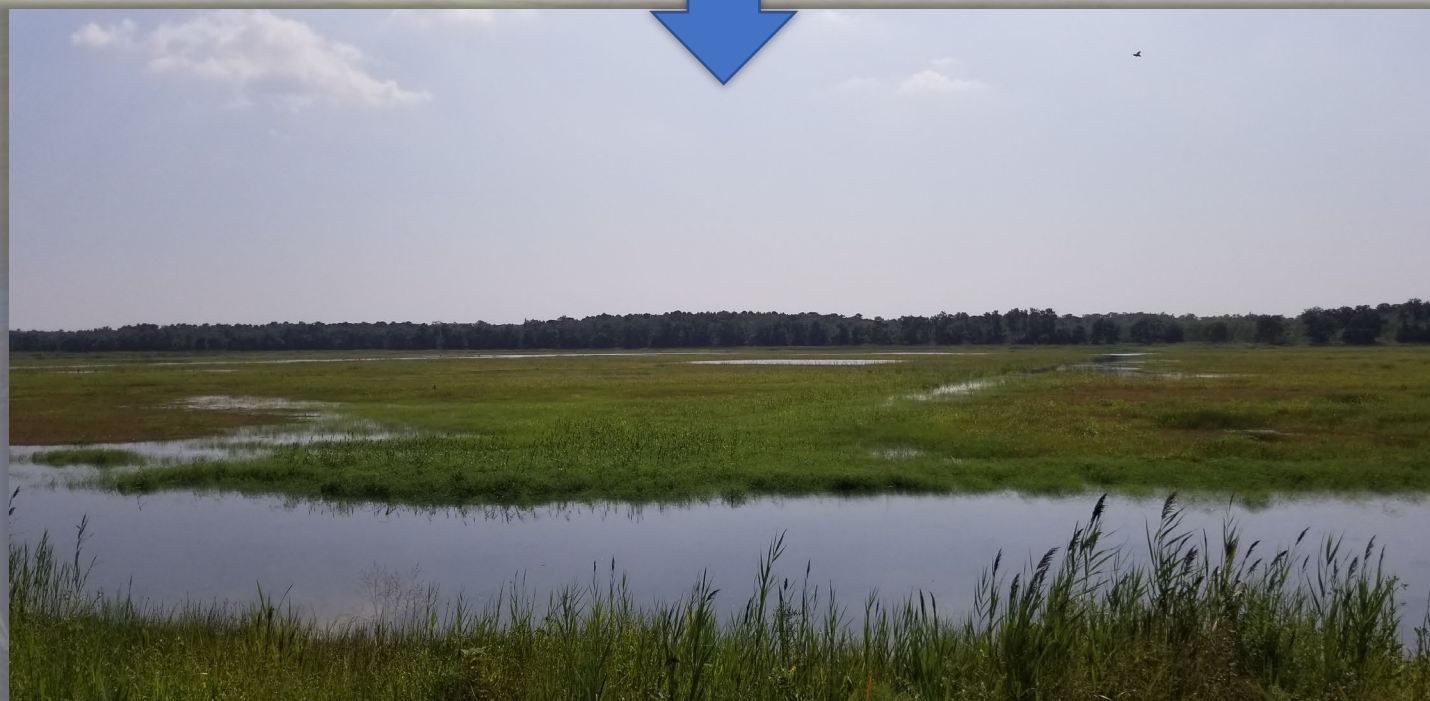
- 2019
 - Impoundments Lester & Mallard (370 acres)
 - 4218 lbs of 88% Japanese Millet/12% Redtop Panic grass (annual & perennial spp.)
- 2021
 - Impoundments Lester & Yellow Legs (255 acres)
 - 2907 lbs of 94% Japanese Millet/6% Redtop Panic grass (annual & perennial spp.)
- 2022
 - We are hopeful to conduct the first round of seeding in Heislerville Impoundment #3



AgCat Aerial Seeder spreading wetland seed mixture over impoundment Mallard in June 2019



Successful growth of wetland seed mixture in impoundment Lester (Top) and Impoundment Mallard (Bottom), August 2019





Photos: Ted Nichols & Lisa Clark

Questions?

