

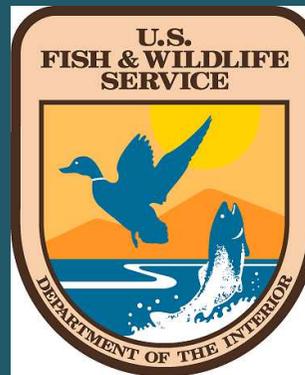


# Coastal Prairie Wetland Restoration

Sheldon Lake State Park



Partially funded by US EPA CWA 319(h) grant through the TSSWCB.



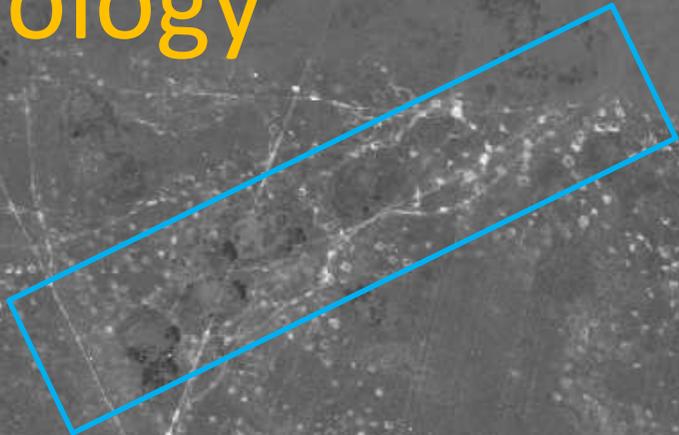


2002

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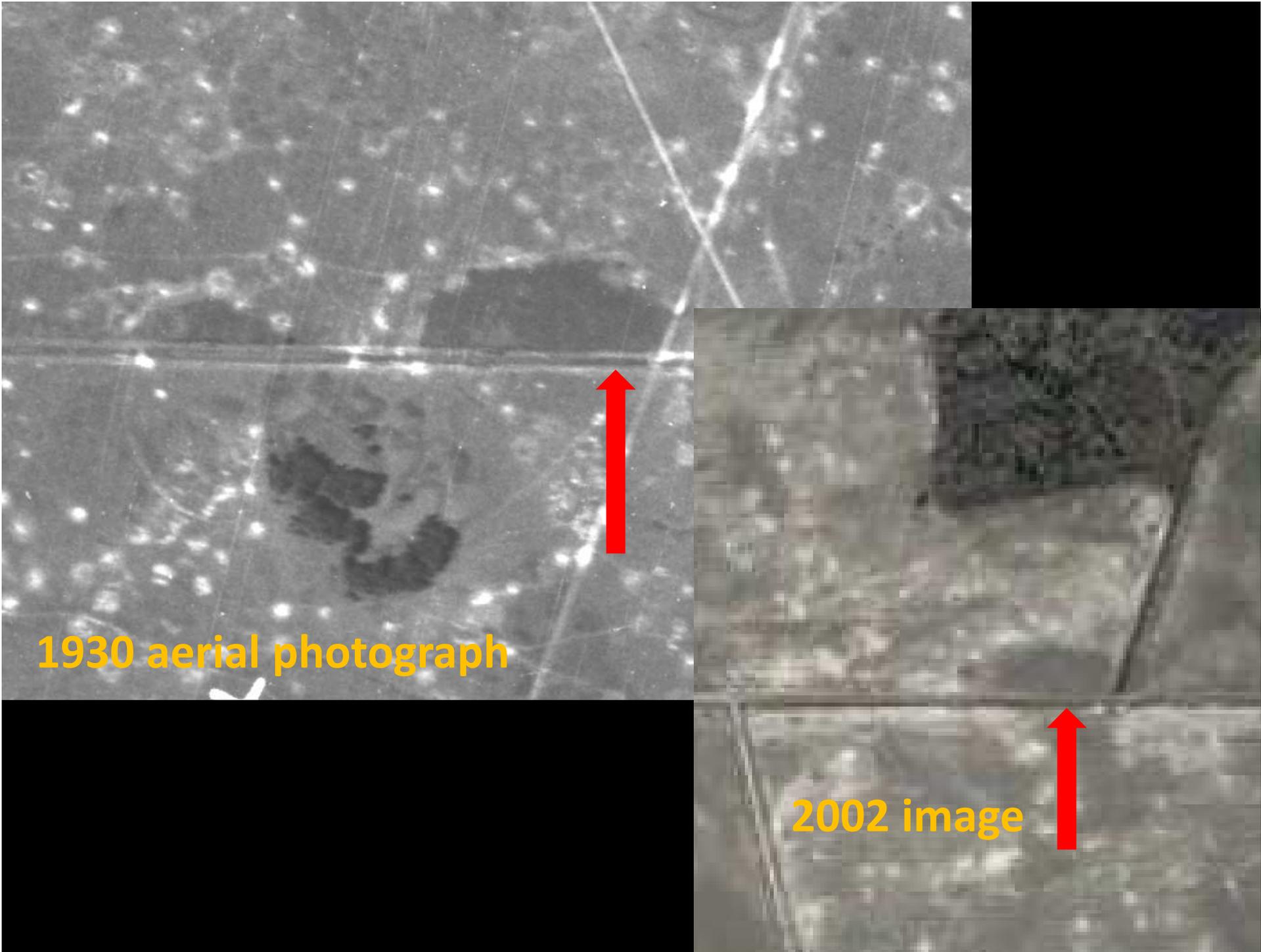
# Methodology



1930 aerial photograph



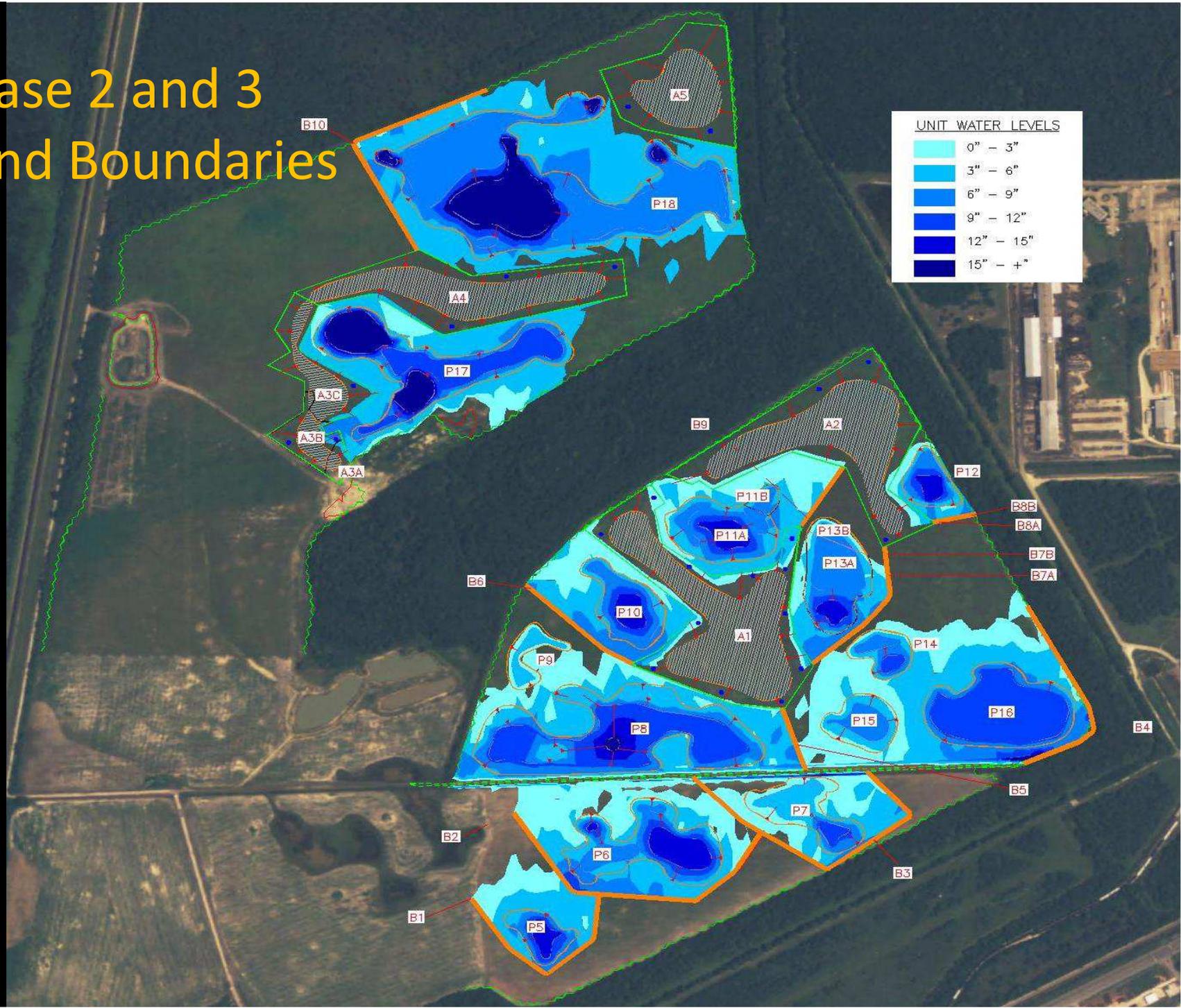
2012 Google Earth image

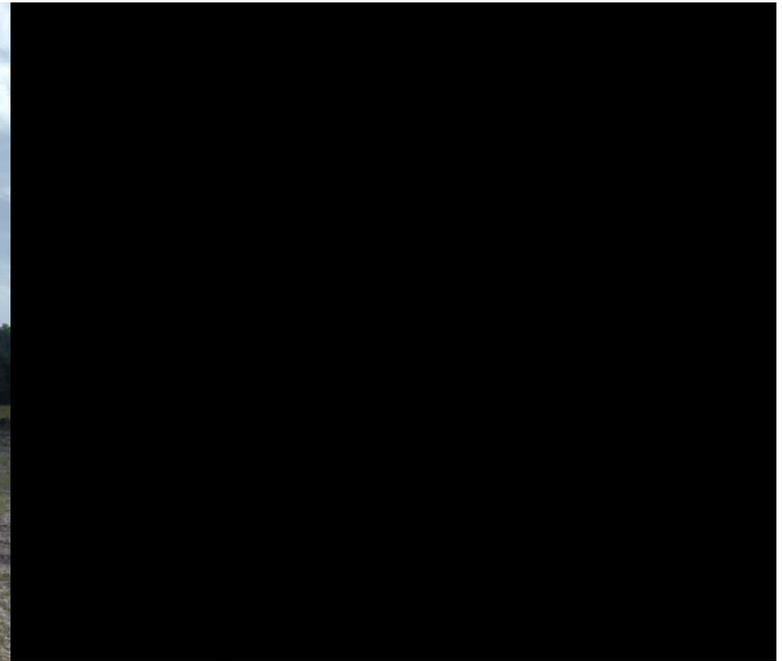


1930 aerial photograph

2002 image

# Phase 2 and 3 Pond Boundaries





Phase 2 and 3:  
\$ 87,000 (Engineering,  
Contracting, Excavation) = 126  
acres of wetlands

**\$690/acre**



# Plant Diversity is important to the system as a whole

- 45 species of freshwater wetland plants
- Collected within 4 county region (50 mile radius)





## THE DETAILS...

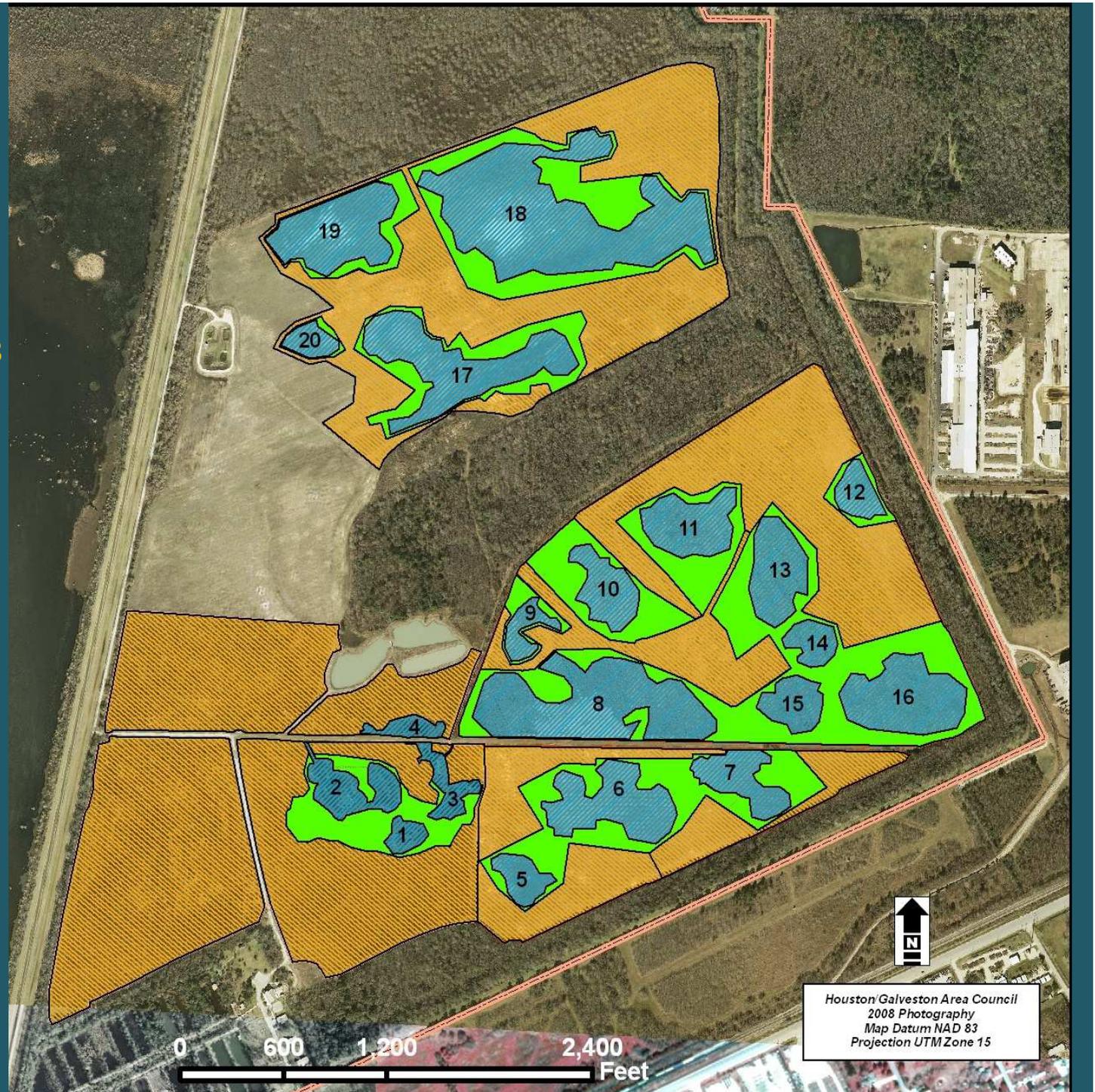
Phase 1 (Ponds 1 – 4) =  
10 acres; Started  
November 2003;  
Completed Spring  
2005

Phase 2 (Ponds 5-16) = 78  
acres; Started  
November 2009\*

Phase 3 (Ponds 17-20) =  
48 acres; Started  
Spring 2011\*

Phase 4 = projected 72  
acres, in planning  
phases.

\* The Wetland  
Restoration Team  
continues to work on  
Phase 2 and 3 by  
planting  
supplemental plants  
and doing invasive  
control.



# What have we done?

96,850 Wetland Plants Installed (126 acres)

Volunteer Hours Contributed: 5,494

Student Contribution: 26 workdays (6 schools)

4 Wetland Field Days

39 Outreach Events (meetings, lectures, conferences)

*Bonus: Completed Demonstration Wetland*





June 2011



June 2012



May 2014



A photograph of a wetland area. In the foreground, there are tall, green, leafy plants, possibly water hyacinths, growing around a small pond. The pond has several lily pads floating on its surface. The background consists of a field of tall grasses and a line of trees under a cloudy sky.

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