



BURNT STORE DRAINAGE STUDY

PUBLIC MEETING #2

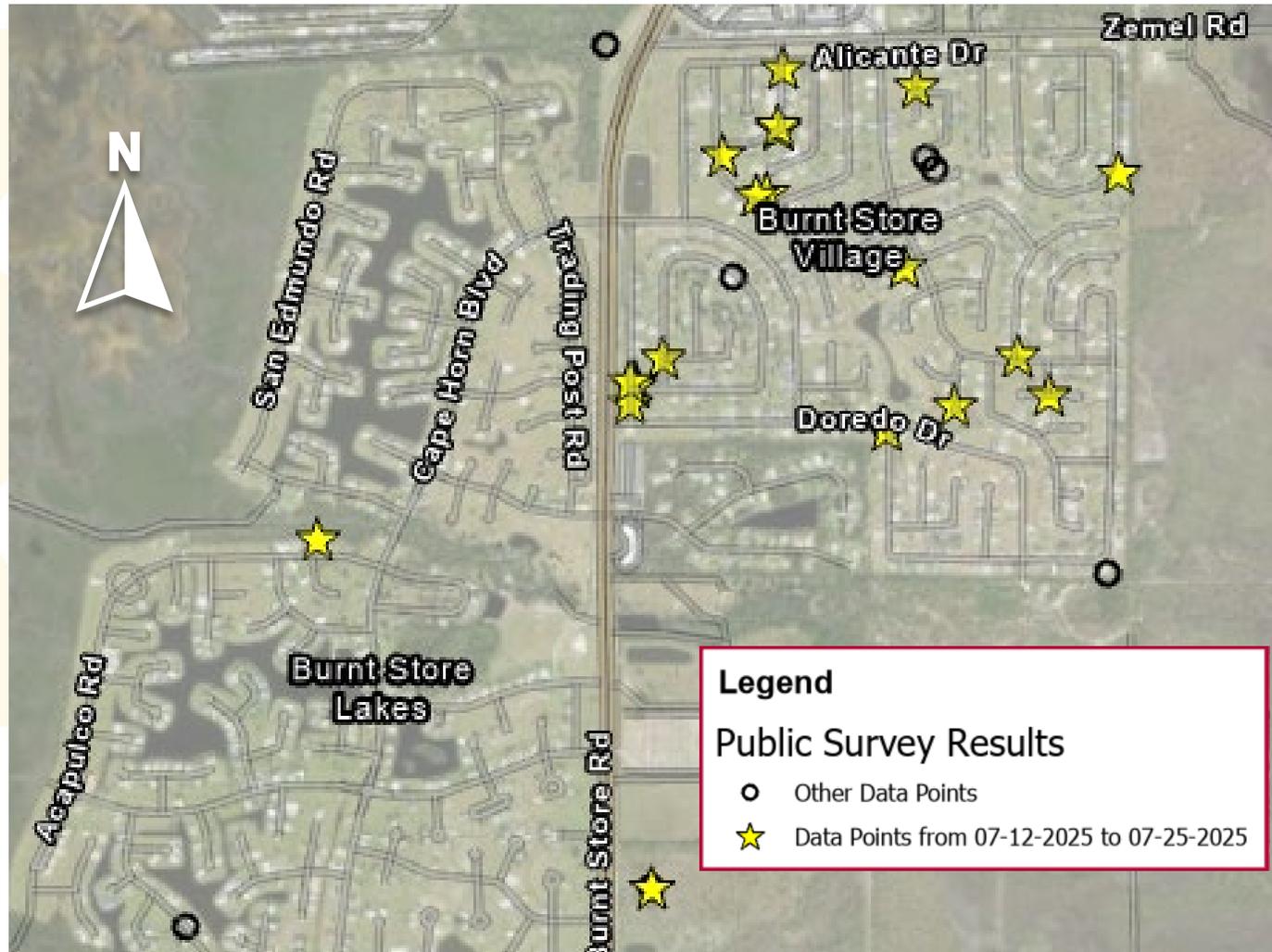
Meeting Agenda

- Review Project Updates
- Review Model Calibration Events
- Review 100
- Collect Additional Feedback
- Discuss Next Steps

Project Updates

- Previous Public Meeting: July 22nd, 2025
- Public Online Survey distributed with input from flooding pictures and dates
- Takeaways
 - Majority of survey results associated with Burnt Store Village perimeter canal
 - Concerns around seasonal rainfall and
 - July 12, 2025 – July 25, 2025
 - Questions about inflow and infiltration parameters

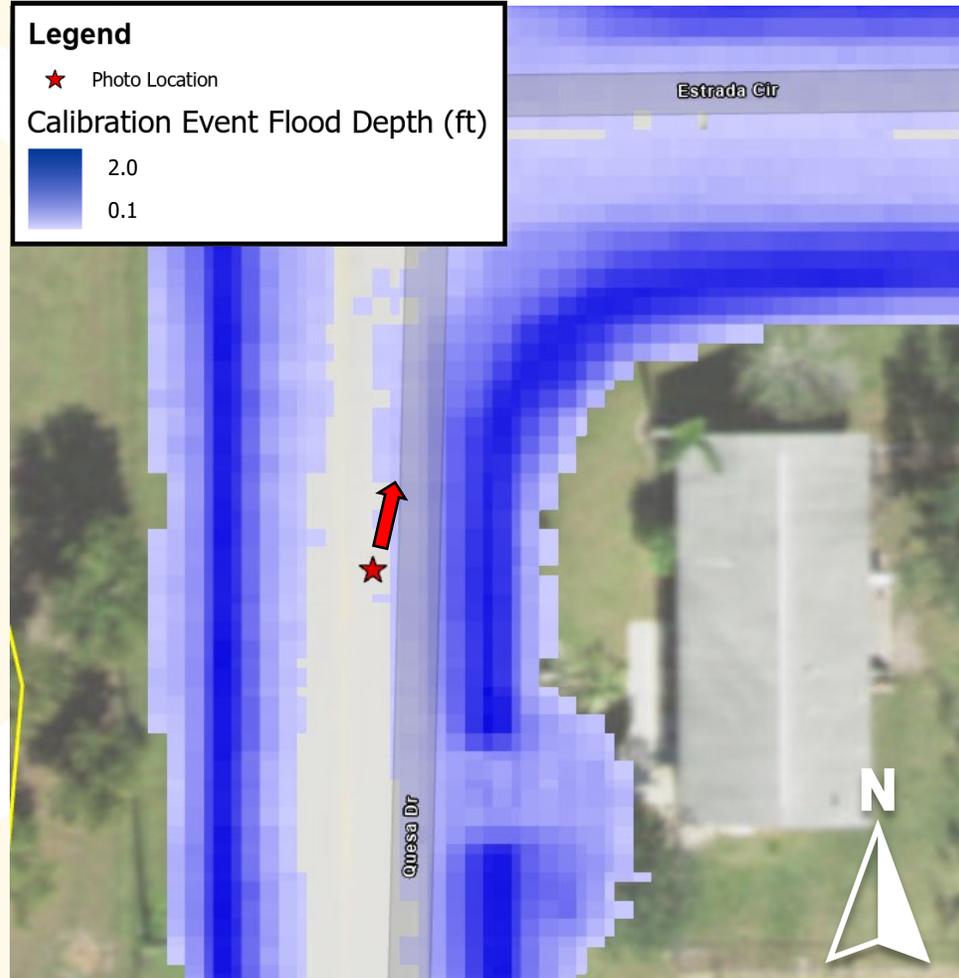
Public Survey Results



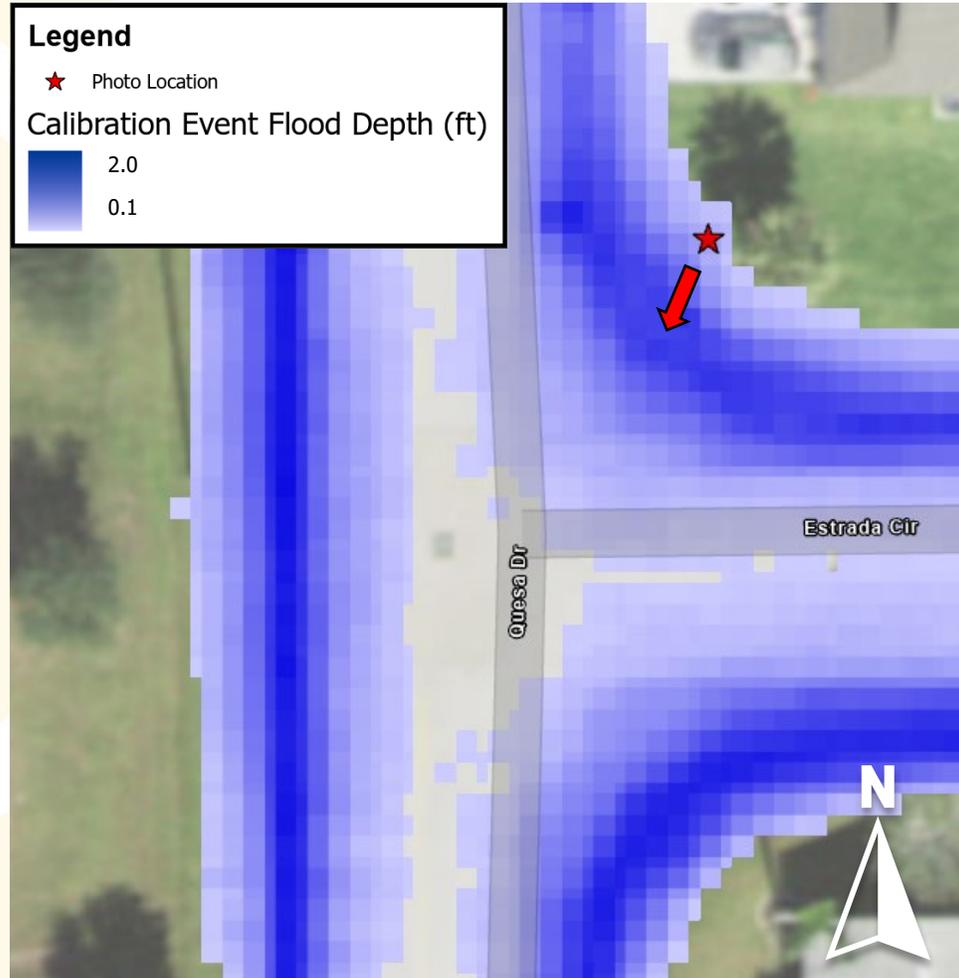
Calibration Event

- Next Generation Weather Radar (NEXRAD) data from Southwest Florida Water Management District
- Date selected: July 12, 2025 – July 25, 2025
- Tidal influence is **not** evaluated
- Flood depths represent flooding location and depth at the **peak** time of the storm
 - Lighter blue is shallower flooding
 - Darker blue is deeper flooding

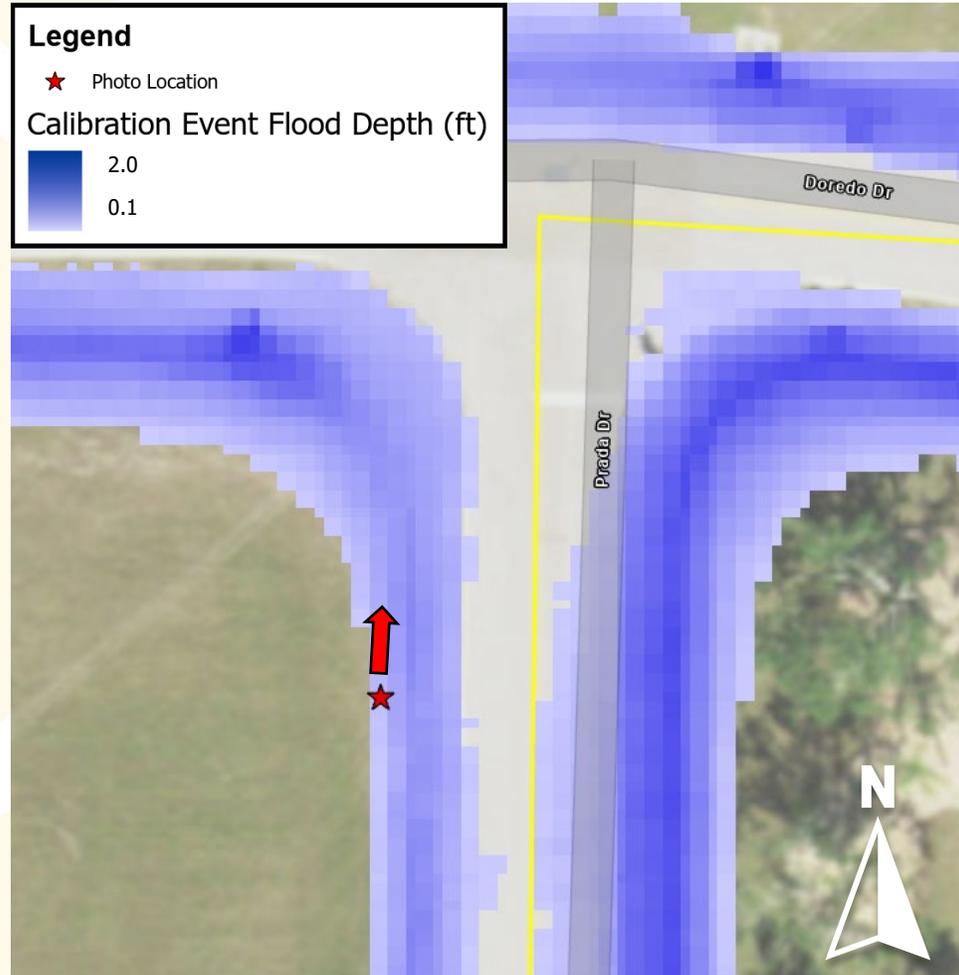
BURNT STORE VILLAGE - 7/17/2025



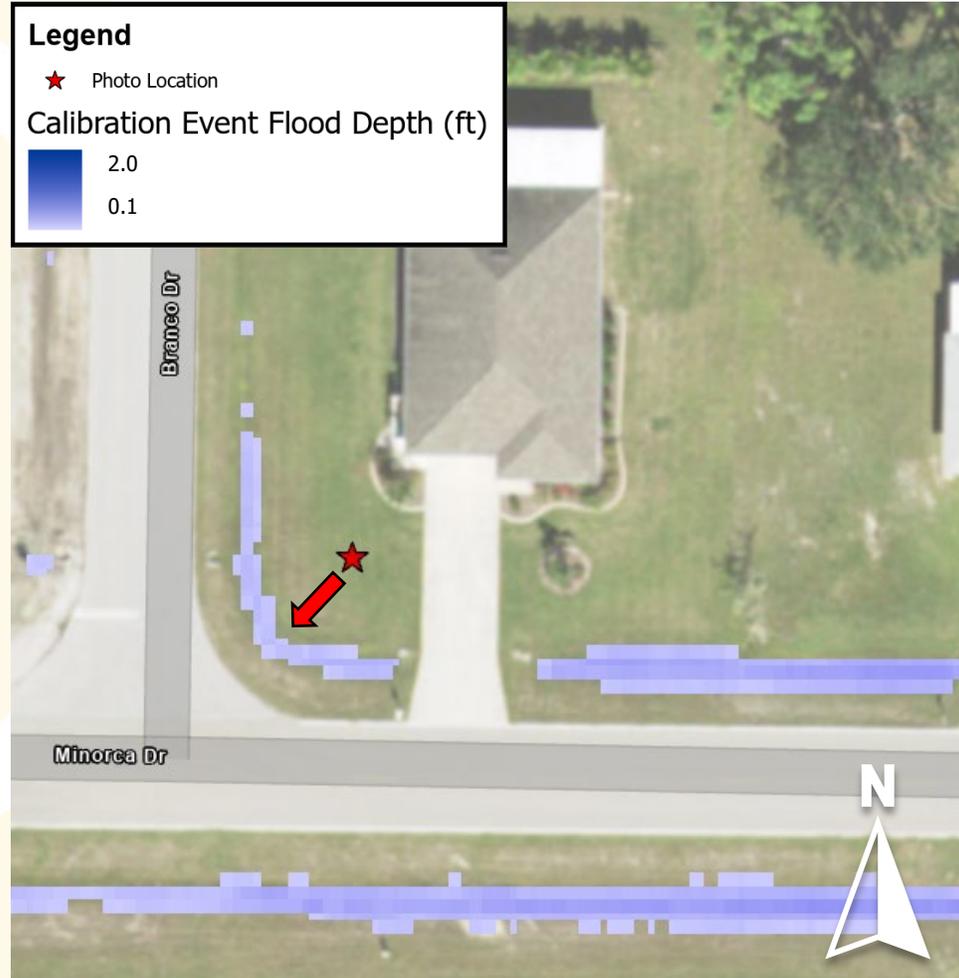
BURNT STORE VILLAGE - 7/15/2025



BURNT STORE VILLAGE - 7/17/2025



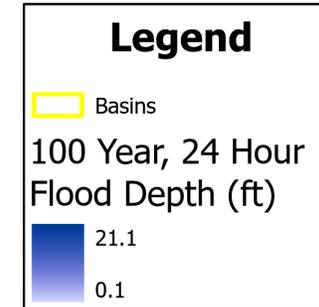
BURNT STORE VILLAGE - 7/17/2025



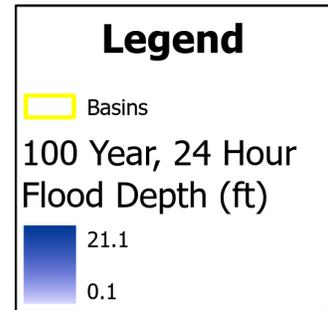
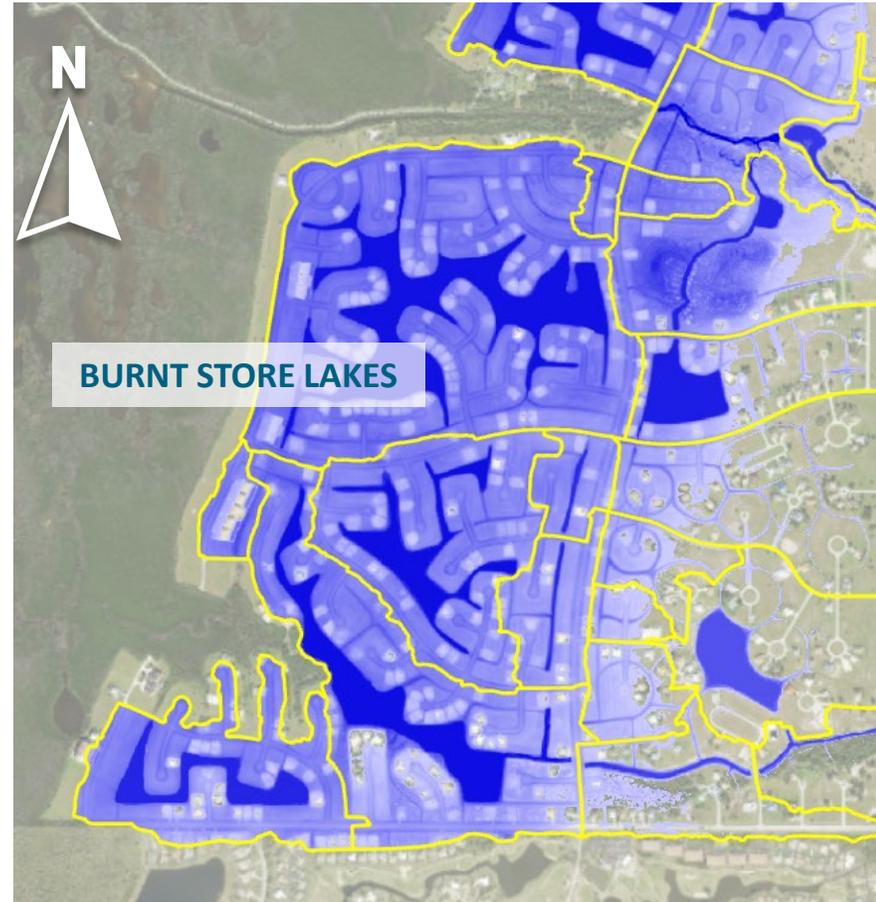
Design Storm - 100 Year, 24 Hour Storm

- 11.3 inch design storm
- Rainfall amount from NOAA
- Tidal influence is modeled
 - Based on 100yr effective floodplain elevations from FEMA

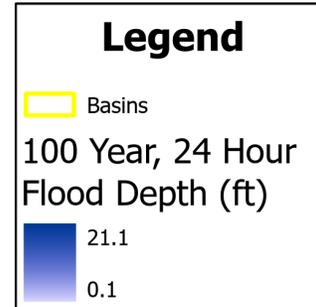
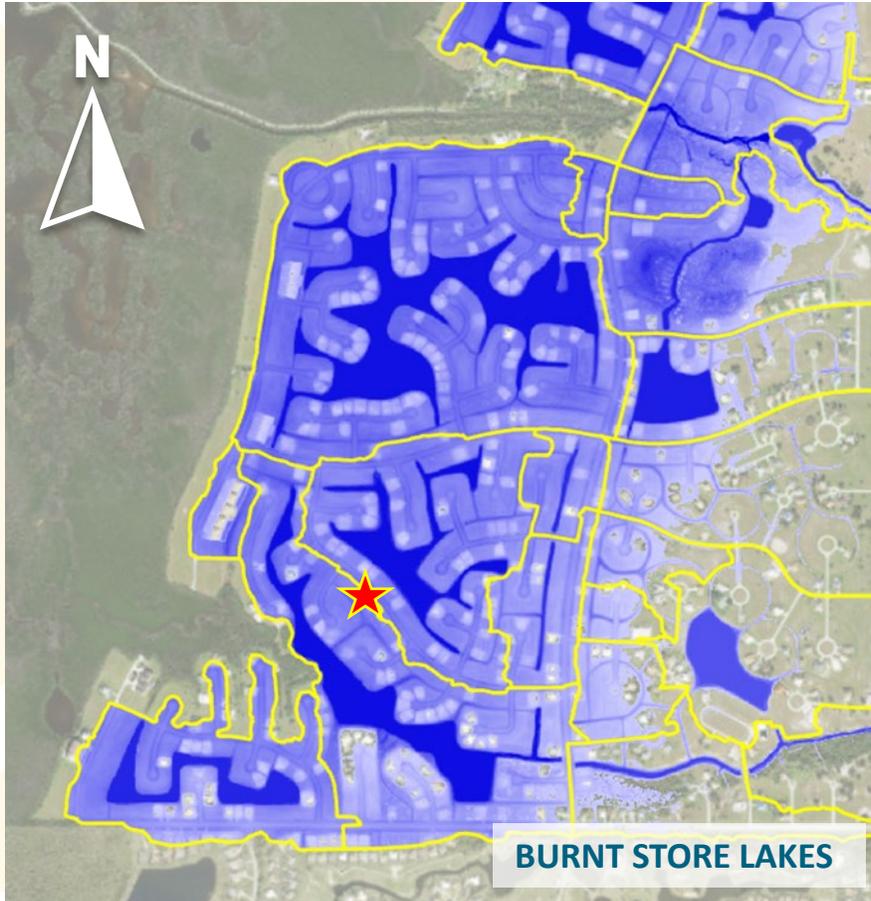
100 Year, 24 Hour - Model Results



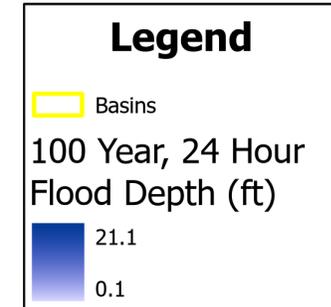
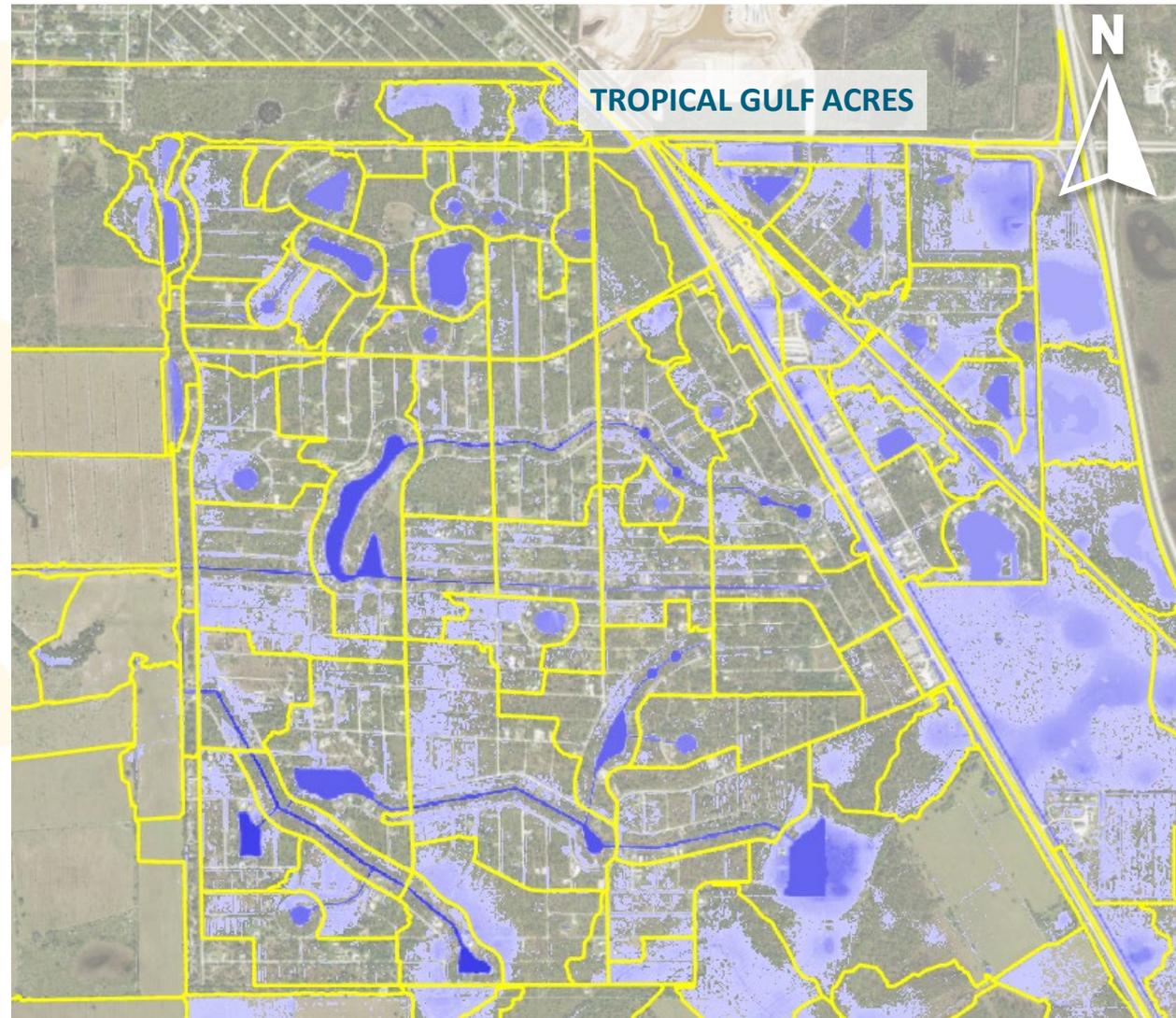
100 Year, 24 Hour - Model Results



100 Year, 24 Hour - Model Results



100 Year, 24 Hour - Model Results



Next Steps

- Baseline Future Conditions Model
- Buildout Conditions Model
- Alternatives Analysis

**Please visit us at the front to
provide your input and
feedback.**

Thank you!