



DEVELOPING NATURE BASED SOLUTIONS IN THE BAFFIN BAY WATERSHED

The Baffin Bay watershed in South Texas is increasingly vulnerable to flooding caused by intense rain events. Stormwater runoff from these events carries pollutants that degrade water quality, threaten wildlife populations and impact the resilience of local infrastructure and communities.

- **This project will develop four preliminary designs for nature-based infrastructure** to support future implementation in Kleberg County and the City of Kingsville. These designs will serve as a blueprint for beautifying public spaces, improving stormwater management, reducing flood risks, and restoring habitat in the Baffin Bay watershed.



WHAT ARE NATURE BASED SOLUTIONS (NBS)?

NBS use natural features - like wetlands, bioswales, and rain gardens - to slow, absorb, and clean stormwater. Compared to traditional concrete-based infrastructure, NBS provide multiple benefits:

- *Reduced Flooding*
- *Improved water quality*
- *Wildlife habitat*
- *Improved public greenspace*

PROJECT OUTCOMES

- Community input gathered to inform design priorities
- Potential project sites identified and assessed for feasibility and impact
- Four preliminary (50%) nature-based solution designs for high priority sites in Kleberg County and Kingsville, ready for future implementation

PROJECT TIMELINE: 2025-2026

SUMMER & FALL 2025
Community Engagement

FALL 2025
Project Open House

Winter 2025 - 2026
Identify & Assess Sites

SUMMER 2026
Preliminary Designs Complete



For more information, contact:
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WE WANT TO HEAR FROM YOU!

- Visit with us at local events
- Attend a community open house - enjoy a free meal, learn more about the project, and share your input
- Take a short survey



SCAN CODE TO LEARN MORE