

# Natural Resource System

Report Back #1

Characterize Risk of Climate on  
Systems & Assets

# Assets Discussed

1. Timber
2. Wastewater Treatment Systems
3. Wetlands, especially the wetland bank managed for the Center
4. Threatened and Endangered Species

# Summary: Main Climate Hazards Causing Impacts

- Rising Sea Levels
- More Intense Precipitation Events
- Drought

# Examples: Impacts, Current Work-Arounds

- **Wastewater System, Precipitation**
  - Impact: Possibility of System Bypass/Spill
  - Current Work-Around: Currently working to increase resistance to rainwater infiltration
- **Wetland Bank, Drought**
  - Impact: Unable to Manage Wetland Bank per Regulator (COE) Requirements

# Existing Management Plans / Processes

- Wastewater Systems: Monitoring (ECMS) & Trending, Sampling Plans, Collaboration with the MDEQ
- Wetland Bank: Maintenance Activities, Monitoring for Regulator Requirements

# Summary: Overall Types of Response

- Wastewater System: Watch. If needed, Future Redesign Option would be completed in collaboration with MDEQ
- Wetland Bank: Watch.
- Timber: Watch.

## How risk characterization process will continue

- Review of Asset/Climate Variable Pairings will continue within small groups responsible for the assets' health
  - Benchmark previous efforts
- Any identified needs for strategy development will be entered into the Center Risk Management System so that any needed resources can be prioritized

# Other Important Information

- Be sure to allocate adequate time to the process
  - Example: Time needed to understand the value of an asset to the mission such as timber for acoustic buffer and for financing natural resources mission