

**Objectives and Test Questions for the Presentation by Walter Priest on  
“Factors Governing Successful Tidal Wetland Mitigation”**

**Objective #1** – Understand the five primary functions of tidal wetlands and how to determine if proposed design is realistic for the site.

**Objective #2** - Understand how to evaluate plan for appropriate tidal hydrology, elevation, soil composition, plant selection and biological benchmarks.

**Objective #3** –Understand how to monitor and review monitoring reports to ensure performance targets have been met.

**Five test questions**

1. Which of the following are important criteria for tidal mitigation site selection?
  - A. No contamination on site.
  - B. Site has diminished ecological value.
  - C. Site has access to tidal hydrology.
  - D. Site is connected to the larger watershed.
  - E. Site has adjacent habitat for wildlife.

***Answer:** All of the above.*

2. Which of the following is NOT a tidal wetland function?
  - A. Fish, shellfish and wildlife habitat.
  - B. Water quality enhancement.
  - C. Heat abatement.
  - D. Shoreline erosion protection.
  - E. Flood buffering.

***Answer:** C*

3. Which of the following should be included in a monitoring report?
  - A. History of the watershed.
  - B. Project description.
  - C. Sampling design.
  - D. Presentation of summary and raw data.
  - E. Analysis and recommendations.

***Answer:** B, C, D and E*

4. Which of the following should be monitored?
  - A. Sediment accumulation.
  - B. Macrobenthic invertebrates and wildlife.
  - C. Signs of excessive erosion or deposition.

- D. Number, size and diversity of fishes.
- E. Plant survival and invasive species.

**Answer:** *All of the above.*

5. Which of the following statements are true? (select all that apply)
- A. Sand is best for planting and growth.
  - B. Organic matter will increase over time.
  - C. Perimeter ditches can help with invasive species management.
  - D. Elevation is not critical to success.
  - E. Vegetation success is an indicator of appropriate hydrology.

**Answer:** *A, B, C and E*