

**Objectives and Test Questions for the Presentation by Jeremy Sueltenfuss on  
“Introduction to Wetland Hydrology”**

**Objective #1** - This presentation will provide an overview of how water flows across and through the landscape.

**Objective #2** - Participants will learn about diverse wetland types, how wetlands connect to the broader landscape and how hydrographs vary by wetland type.

**Objective #3** – Participants will learn about what hydrology factors to consider in reviewing wetland restoration designs and proposals.

**Five test questions**

1. Wetland water levels are the primary driver of: (select all that apply)
  - A. Soil formation.
  - B. Vegetation composition.
  - C. Air quality.
  - D. Animal use.
  - E. Potable well water availability

**Answer:** *A, B and D*

2. Which of the statements below is NOT true?
  - A. Wetland types are highly variable.
  - B. Wetland types differ in their hydrologic regimes.
  - C. If you meet the technical standard for wetland hydrology you do not need to worry about wetland type.
  - D. Wetland type indicates depth to the water table.

**Answer:** *C and D*

3. What are some ways in which water moves across and through the landscape? (select all that apply)
  - A. Snow and rain seep into the landscape.
  - B. Groundwater moves slowly through the wetland and discharges into a stream.
  - C. Rivers and streams move water through floodplains.
  - D. Water can move through the ground parallel to the river channel.

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

4. Understanding the hydrogeomorphic classification of your wetland provides insights into:
  - A. How the wetland functions.
  - B. How to restore the wetland.
  - C. The mineral content of the wetland.

D. What its hydrograph will likely be.

**Answer:** A, B and D

5. What are some of the questions that a good restoration plan should allow you to answer?
- A. What was the historical wetland type, water source and landscape connection before the wetland was altered?
  - B. What does the wetland site look like now?
  - C. What impacts occurred to bring the wetland to the condition it is in today?
  - D. How do the proposed actions restore the altered hydrology?

**Answer:** All of the above.