

FEMA's Quick-2 Hydraulic Program for Determining BFE's in Approximate Study Areas Workshop Outline

1. Introduction (15 Minutes)

- a. Workshop Overview
- b. Introductions

2. Hydrology & Hydraulic Basics (30 Minutes)

- a. Basic Hydrologic Engineering Parameters
- b. Hydrologic Models Available
- c. Basic Hydraulic Engineering Parameters Required
- d. Hydraulic Models Available

3. Introduction to FEMA's Quick-2 Program (30 Minutes)

- a. Program Engineering Parameters & Screen Walkthrough

4. Hydraulic Analysis Using Quick-2 (1 Hour)

- a. Program Walkthrough
- b. Two (2) Single Cross-Section Normal Depth Analysis Problems

5. Program Output Analysis (30 Minutes)

- a. Class Discussion Regarding Program Result "Reasonableness"
- b. Sensitivity Concerns

6. Advance Hydraulic Analysis Using Quick-2 (1 Hour)

- a. One (1) Single Cross-Section Normal Depth Analysis Problem
- b. One (1) Multiple Cross-Section Step Backwater Analysis Problem

7. Closing Comments (15 Minutes)

- a. Additional Information
- b. Questions and Comments