

**Inter-Governmental Data Quality Task Force**  
**Weight-of-Evidence Decision Making for RI/FS at Munition Response Sites**  
**February 24 -25 2020 - DTSC Cal Center, 8800 Cal Center Dr., Sacramento, CA 95826**

**Course Description:**

Based on the Munitions Response Quality Assurance Project Plan Toolkit Module 1: Remedial Investigation (RI)/ Feasibility Study (FS), this training course demonstrates weight-of-evidence decision making for the RI/FS phase of investigation. This two-day training course covers project planning, data quality objective development and data usability assessment. As a prerequisite, attendees are encouraged to take the online ITRC training course, "Quality Considerations for Multiple Aspects of Munitions Response Sites" (<https://qcmr-1.itrcweb.org/training/>).

**Course Outline – Monday February 24, 2019 (Cal Center)**

- I. Welcome/Introduction (0800 – 0830) (Jordan Adelson)
- II. Weight-of-Evidence Decision-Making and the Conceptual Site Model (0830 – 0915) (Jeff Swanson)  
Break (0915 – 0930)
- III. Developing the Quality Assurance Project Plan (0930 – 1015) (William (Ed) Corl)
- IV. Geophysical Technology Overview (1015 – 1045) (Anne Andrews)
- V. Sampling Design (1045 – 1115) (Herb Nelson)

**Lunch (1115 – 1245)**

- VI. Whole-Group Discussion – Camp Example (1245 - 1345) (Anne Andrews)
  - a. Preliminary MRS Characterization – Data Quality Objectives (DQO) Steps 1 – 4
  - b. Introduction to the Data Usability Assessment (DUA)
- VII. Concurrent Small-Group Sessions (1345 – 1545) (Includes 15-minute break)  
(Preliminary MRS Characterization – DQO Steps 5-7, analysis, and DUA)  
Example 1: MRS A – North PC (Jordan Adelson and Jeff Swanson)  
Example 2: MRS A – South PC (Herb Nelson and Andy Schwartz)  
Example 3: MRS B – DGM Area PC (Ed Corl and Brian Jordan)  
Example 4: MRS B – Steep Terrain PC (Anne Andrews and John Jackson)
- VIII. Preliminary Characterization Wrap-up Discussion (1545 – 1630) (Jordan Adelson and Herb Nelson)

## **Course Outline – Tuesday February 27, 2019 (Cal Center)**

- IX. Summary from Day 1 (0800 – 0830) (Jordan Adelson)
- X. Whole Group Discussion – Detailed Characterization (0830 – 0900) (Anne Andrews and Jordan Adelson)
- XI. Concurrent Small Group Sessions (0900 – 1100) (Includes 15-minute break)  
(Detailed Characterization and DUA)  
Example 1: MRS A – North DC (Jordan Adelson and Jeff Swanson)  
Example 2: MRS A – South DC (Herb Nelson and Andy Schwartz)  
Example 3: MRS B – DGM Area DC (Ed Corl and Brian Jordan)  
Example 4: MRS B – Steep Terrain DC (Anne Andrews and John Jackson)

### **Lunch (1100 - 1230)**

- XII. Detailed Characterization Wrap-up Discussion (1230 – 1300) (Jordan Adelson and Herb Nelson)
- XIII. Camp Hill Example CSM and DQO Steps 1-7 (1300 – 1500) (includes 15-minute break) (Anne Andrews and Jordan Adelson)
- XIV. Day 2 Summary (1500 – 1600) (Jordan Adelson and Herb Nelson)