

U.S. EPA REGION 8 TRAINING COURSE

A Systematic Approach to Ground Water Capture Zone Analysis

Date: October 1, 2008
Location: EPA Region 8, 1595 Wynkoop Street, Denver, CO 80202
2nd Floor Conference Center

- 9:00 Introductory Remarks, EPA Region 8: Kendra Morrison, RCRA Program
- 9:15 Introductory Remarks, EPA Office of Research and Development (ORD): (TBD)
- 9:30 Session 1 - Overview of Concepts (GeoTrans/Shaw Environmental)
- 10:15 Break
- 10:30 Session 2 - Six Basic Steps for Capture Zone Analysis (GeoTrans/Shaw Environmental)
- Step 1: Review Site Data, Conceptual Model, and Remedy Objectives
 - Step 2: Target Capture Zone
- 11:15 Break
- 11:30 Session 2 (continued) – Six Basic Steps for Capture Zone Analysis (GeoTrans/Shaw Environmental)
- Step 3: Water Levels
- 12:00 Lunch (1 hour)
- 1:00 Session 2 (continued) – Six Basic Steps for Capture Zone Analysis (GeoTrans/Shaw Environmental)
- Step 3: Water level Pairs
 - Step 4: Calculations
- 1:45 Break
- 2:00 Session 2 (continued) – Six Basic Steps for Capture Zone Analysis (GeoTrans/Shaw Environmental)
- Step 5: Concentration Trends and Tracers
 - Step 6: Summarizing “Converging Lines of Evidence”
- 2:45 Break
- 3:00 Session 3: Case Study (GeoTrans)
- 3:45 Closing Remarks, ORD: (TBD)
- 4:00 Adjourn