

Decision Support Tools: Status and Path Forward

Carlos Pachon
EPA Office of Superfund Remediation and
Technology Innovation
pachon.carlos@epa.gov

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Objective

- Update group on ongoing work.
- Seek participation for next steps.



Decision Support Topics Covered to Date

- December 2002:
 - Presentations covering
 - Defining Nature and Extent of Contamination
 - FIELDS
 - EVS
 - System Optimization
 - MAROS2
 - PUMP AND TREAT
 - REMEDIATION PROCESS OPTIMIZATION
 - Highlighted issue of data management and portability



Decision Support Topics Covered to Date

■ June 2003 DST Topics

- Adaptive Sampling and Analysis Techniques in Support of Precision Excavation
- Visual Sampling Plan Case Study
- SADA Case Study
- Natural Attenuation Software
- Statistical and Geostatistical Approaches to Long-Term
- Ground Water Monitoring Optimization
- Cost Estimation: RACER & TankRACER
- Leveraging Cost Model Development via XML



Moving Forward with the Matrix

■ December 2003

- Presentation of draft DST Matrix
- Discussion of perceived benefits
- Solicitation for participation

■ June 2004

- Contractor support lined up
- Received responses from some FRTR members
- Define additional value added content sought for this effort



Moving Forward with the Matrix

Participation

- EPA (POC Carlos Pachon)
 - Providing contractor support
 - Preparing inventory of tools used in house
 - Compiling information on experiences
- DOE (POC Terry Sullivan)
 - Funded to prepare first draft
 - Access to DOE Experiences
- Air Force (POC Jesse Perez (??))
- USACE (Greg Melama(??))
- Others?



Adding Value & Finalizing the DST Matrix

- Input from FRTR member agencies on structure and criteria of draft matrix
- Closing the data management gap (from data collection to DST)
- Additional information of Independent verification and validation of know systems
- Inventory of knowledge and experience
- Production of the Matrix – Target date Dec 2004

