

Implementing the Data Elements

- Common complaint has been that implementation will be too onerous
- To make implementation easier need to develop some tools
 - Field forms
 - Laminated data element field sheets
 - Clearing house of organization data element lists
 - PDA software for electronic field forms
 - Environmental Data Acquisition System (EDAS)

Field Forms Clearinghouse

- Develop an on-line clearinghouse of field forms that capture appropriate meta data for various types of sampling
- Handouts of various USGS field forms

Laminated Data Element Modules Field Sheets

- Field sized – one module per sheet, laminated to survive field conditions
- May not be needed if field sampling carefully considered ahead of time in office

On-line Objectives Based WQDE Clearinghouse

- Collect lists of data elements used by various organizations that are connected to sampling objectives and linked to available field forms
- Link your sampling objectives to most similar sampling objectives in clearinghouse to determine best field form to use

Personal Digital Assistant (PDA)

- Modules (who, what, ...) can be developed to ensure that all data elements are collected
- Building data tables in the office can minimize data that must be collected in the field
- Electronic collection in the field reduces errors by eliminating transcription errors
- Show PDA simulation

EDAS

- Office database can be built and linked to field forms to minimize data entry
- Database can be built to facilitate providing data to STORET