STORET Hosting for the EPA Region VIII Tribes
Project Lifecycle

1. Discovery
2. Design
3. Development
4. Implementation and Training
5. Maintenance
Identify Needs

- Work with the Southern Ute Tribe to identify local and regional needs.
  - Load Data into Modernized STORET
  - Wide Variety in Technical Capabilities of Users
  - Retain Local Control of Data
  - Keep Data Private and Secure
  - Ease of Data Import and Retrieval
STORET Integration Assessment

Complete STORET Integration Assessment for the Southern Ute Tribe.

- Oracle License Fees
- Need for DBA Support
- Single vs. Multiple User Environments
- STORET Training and Assistance
Design

- Single Regional Installation - Single Oracle License
- Centralized DBA Support
- Web Based Interface provides Local Control
- Data Warehouse to Provide Access to Data
- User Based Security for Entry and Retrieval
- Provide Regional Training and Telephone Support
WebSIM Development

- Developed Web-Based Solution
- Initial Hosting provided by Gold Systems, Inc.
- Interface Demonstration

(Screen shots represent latest release of WebSIM)
Simple Six Step Processing

Getting Started: Complete the steps listed below for the Fast Track Import Process. Help is given on the link to the right of every step.

1. **Step One:** Establish STORET Metadata Defaults - Select this option to view the Office of Water's Metadata Registry Software.

2. **Step Two:** Format Data and Create Import Files - Select this option to view and download the EPA's Region 6 Formatting Guidance Document.

3. **Step Three:** Upload File to the FTP Site - Select this option to upload data files to the organization specific FTP Site.

4. **Step Four:** Select the Import Configuration - Select this option to select from a list of existing Import Configurations regardless of import type. Current Status: No Configuration Selected

5. **Step Five:** Select the File to be Imported - Select this option to select a file uploaded to the organization specific FTP Site. Current Status: No Import File Selected

6. **Step Six:** Import Step - Select this option to initiate the import process.

Quick Links:
- Stations Import Log
- Imported Stations
- Results Import Log
- Imported Results
- Migration Log
Step 1 – Setup Metadata
Step 2 – Data Management

Data Formatting Guidance: Sample Results, Field Measurements, and Associated Metadata

Environmental Protection Agency Region 8
Step 3 – Upload Your File
Step 4 – Select Configuration
Step 5 - Select Import File
Step 6 – Import File
## Managing Your Imports

### Import Status

**Import 106632 Completed Successfully**

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<tr>
<th>Description</th>
<th>Details</th>
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<tbody>
<tr>
<td>Org ID</td>
<td>DEMOTEST</td>
</tr>
<tr>
<td>Import Configuration</td>
<td>WebSIM Example - Results with Char Names</td>
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<td>WebSIM Example - Results with Char Names.txt</td>
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- [Migrate Records to STORET](#)
- [Delete Import from SIM](#)
- [Return To Previous](#)
Managing Your Configurations

### Import Configuration

- **Name:** WebSIM Example - Results with Char Names
- **Type:** WEB RESULTS - WebSIM Field Activity and Result load definition
- **Description:**
- **Org ID:** DEMOTEST
- **Delimiter:** Comma (,)

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[Image of WebSIM - v2.0.1 - STORET Import Module interface]
Implementation and Training

- Launch Initial WebSIM Environment
- Provide Regional Demonstrations
- Gather Initial Feedback on Application
- Provide Data Migration Assistance
Maintenance

- Provide Routine Database Maintenance
- Upgrade WebSIM to Support STORET v2
- Add Enhancements from other WebSIM Development Projects
Project Lifecycle Continues …

- On-Site Data Management Workshops
- New Regional STORET Web Portal
- Deployed Regional Copy of National STORET Warehouse
Gauging Success

16 of 27 Tribes have loaded data into the Regional STORET.
Several additional tribes have begun organizing their data for STORET.
The WebSIM application is being implemented for other programs with similar needs including Regional Superfund and Volunteer Monitoring programs.