



To: Distribution

From: Ernestine Bryant, STOrage and RETrieval (STORET), Technical Project Leader (TPL), Systems Development Center (SDC)/Science Applications International Corporation (SAIC)

Subject: Minutes of STORET Technical Meeting

1.0 Purpose

A Meeting was held on October 9, 2003 at the SDC. The purpose of the meeting was to review and address the status of the STORET Project activities.

2.0 Attendees

SDC

Ernestine Bryant
Blythe Norris
Joseph Wilson

EPA

Robert King, Task Order Project Officer (TOPO)
Lee Manning, Alternate TOPO (ATOPO)
Kevin Christian
Cary McElhinney

3.0 Discussion Topics

The following sections detail the discussions of the project tasks and associated Software Incident Reports (SIRs).

3.1 Central Warehouse

Feedback concerning the Central Warehouse was reviewed during the meeting and consolidated into the following list of potential application modifications and enhancements. The design details, level of effort, and relative priority of each item will be discussed in future meetings.

- Optimize screen space usage.
- Center titles for search dimensions on the application's search criteria pages.

- Make the Help links more prominent on the application pages.
- Change the name of the default Characteristic Alias Type option for Characteristic searches from “STORET default”.
- Eliminate the need to scroll on the Station Search pop-up for 800 x 600 screen resolutions.
- Add a disclaimer to the help page concerning Hydrologic Unit Code (HUC) searches such as, “HUC is an optional field in STORET Station descriptions and may not identify all stations in the area of interest.”
- Add the report element Project ID to the Result downloads.
- Modify the date format used in downloads by separating time zone from the rest of the date.
- Provide multi-select capability on State searches.
- Provide multi-select capability on HUC searches, and enhance HUC navigation options.

The following additional notes were made:

- The Central Warehouse Homepage is now under EPA’s control. J. Wilson noted a few minor issues with the page that L. Manning and/or C. McElhinney will address.
- The Characteristic Alias data used to create the Central Warehouse at Research Triangle Park (RTP) differs from that used in the test environment.
- It should be confirmed with K. Christian that Materialized Views have been created, and Oracle Initialization parameters optimized in the production environment.

The next release of the Central Warehouse will be delivered in November 2003. The scope of the enhancements to be included in this release will be discussed during future CCB meetings.

3.2 STORET/Windows to My Environment (WME) Interaction

A demonstration of the STORET Station Home Page was shown on September 29, 2003. The following is a summary of the decisions:

- The “%20” that appears by the Station ID parameter in the STORET Station Home Page Uniform resource Locator (URL) when called from Windows to My Environment (WM) can be fixed by altering the view to change the “StationIdentifier” column type to VARCHAR2. No changes will be made at this time.
- Use a primary green color for the bar chart.
- Minimize the table border width on the bar chart.
- Characteristic Detail Page: Place the link to the “Results by Station” page on the supporting text rather than on the count.
- Input to the STORET Station Home Page will be for a single Station.
- L. Manning expressed an interest in graphing Result values (e.g., a trend line) once a Universal Result Unit (URU) is established. Implementing this functionality will be discussed in the future.
- Add an Activity Start Date range to the right of the result count on the bar chart. This will be recorded as a new SIR.
- The ETL scripts will have to be modified to include the new columns in the Station_Char table.
- The STORET Station Home Page will be Oracle 9i compatible.
- Future releases of WME/STORET Station Home Page should provide for a more integrated list of sites to include STORET and United States Geological Survey (USGS).
- EPA will need to identify common Extensible Markup Language (XML) tag elements to be used by United States Geological Survey (USGS) and STORET.

3.3 Data Entry Module

A new SIR was created to enable the Taxonomy button on the P50 Characteristic Details window when the Characteristic (e.g., Escherichia coli) is defined as Variable (i.e., VAR).

4.0 Action Item Summary

| Number | Description | Date Issued | Status | Assignment | Date Completed |
|---------|--|-------------|--------|------------|----------------|
| 04-0001 | Establish proposed schedule of deliverables not to exceed November 28, 2003. | 10/09/2003 | Open | E. Bryant | |

5.0 Next Meeting

The next meeting was not scheduled.

6.0 Distribution

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