



**To:** Distribution

**From:** Ernestine Bryant, STorage and RETrieval (STORET), Technical Project Leader (TPL), SDC/SAIC

**Subject:** Minutes of STORET Change Control Board (CCB) Meeting

## 1.0 Purpose

A CCB Meeting was held on April 3, 2003 at the Systems Development Center (SDC). The purpose of the meeting was to review and address the status of the STORET Project activities, resolve project issues, and ensure that changes are within the Task Order scope and are processed in a visible and traceable manner.

## 2.0 Attendees

SDC  
Ernestine Bryant  
Joseph Wilson

EPA  
Robert King (TOPO)  
Lee Manning (ATOPO)

## 3.0 Discussion Topics

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

### 3.1 Central Warehouse

The status of the Central Warehouse Extract Transfer and Load (ETL) deployment at EPA was discussed. It was announced that all scripts ran to completion and the warehouse tables had been created in their entirety with the exception of the LAB\_REMARK field in the FA\_CHEM\_RESULT table. A new script is being developed for populating this column. The warehouse tables will be migrated to the development server at Research Triangle Park (RTP) once space is made available.

A timeline (Attachment A) was discussed for delivering a production version of the Regular (e.g., Chemical and Physical) Result portion of the Central Warehouse. This timeline will be

revisited once the C1.1B.3 beta version of the Central Warehouse has been deployed and evaluated.

The design of the Results by Station screen (Attachment B) was discussed. This page will provide three separate and independent station selection options: selecting Stations by Station ID, selecting Stations by Station Name, and selecting Stations by Station Alias. The current C1.1B.3 beta version of the Central Warehouse only allows Station selection by Station ID. A design is being developed that will allow users to retrieve Result data for a list of selected Stations and provide Activity Start Date and Characteristic search functionality.

Preliminary Results will be excluded from the production version of the Central Warehouse. The ETL scripts will be modified accordingly. The RESULT\_STATUS column from the TSRRSULT table will be added to the FA\_CHEM\_RESULT fact table.

The size of the STATION\_NAME and CHARACTERISTIC\_NAME columns in the FA\_CHEM\_RESULT fact table will be researched to see if they can be reduced in character length.

The design and data content of the Regular Result report format (Attachment C) was revisited. Further discussions on this topic will take place at the next Central Warehouse meeting.

#### 4.0 Action Item Summary

Number	Description	Date Issued	Status	Assignment	Date Completed
02-0020	Determine order of Station Types.	11/20/2002	Open	B. King	
02-0021	Research the possibility of an 8-character Beach ID.	12/12/2002	Closed	B. King	02/27/2003
03-0001	Add Citation IDs to the Data Entry Application v2.0 DEMOTEST.	02/27/2003	Closed	B. King	03/06/2003
03-0002	Send PDF of Server Model to B. King	02/27/2003	Closed	B. Norris	03/06/2003
03-0003	Provide sample batch files containing new functionality to B. King.	02/27/2003	Closed	B. Norris	03/06/2003

Number	Description	Date Issued	Status	Assignment	Date Completed
03-0004	Verify number of characters in Total Number in Group field on Single Taxon Group Summary Data Entry Window (3 characters?).	03/19/2003	Open	S. Smith	

## 5.0 Next Meeting

The next meeting was scheduled for April 7, 2003.

## 6.0 Distribution to EPA & SDC Interested Parties

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## 7.0 Approval of Minutes as Submitted or Revised

\_\_\_\_\_  
Robert E. King  
Task Order Project Officer

\_\_\_\_\_  
Date

**ATTACHMENT A**

STORET Chemical-Result Warehouse Timeline



## **STORET Chemical-Result Warehouse Timeline**

### **Design/Development**

April 7-18

- C Finalize Design Specifications.
- C Incorporate long char elements into ETL and application.
- C Performance tuning of ETL scripts.
- C Finalize Chemical Result report format and report customization user interface.
- C Development of Station Alias search functionality.
- C Enhance error catching and user feedback.

April 21-25

- C Re-deploy ETL scripts at EPA.
- C Design Application Help.
- C User Interface refinements - Netscape compatible, 508 compliance, general aesthetics.
- C Peer Reviews.

April 28-May 2

- C Development of Application Help.
- C Finalize ETL scripts.
- C Finalize user interface refinements.
- C Review Unit Test plans.
- C Re-establish test environment.

### **Testing**

May 5-9

- C First week of Application Integration Testing.
- C Establish Integration Test Baseline.

May 12-16

- C Second week of Application Integration Testing.
- C Final Installation Integration Testing.

### **Delivery/Deployment**

May 19-23

- C Establish Final Baseline.
- C Quality Assurance activities.
- C **May 22** - Product Delivery.
- C **May 23** - Launch ETL scripts at EPA.

May 27-30

- C Migrate Central Warehouse to RTP.
- C Deploy Warehouse Web Application.
- C Final Performance Testing and Tuning on Production Environment.



**ATTACHMENT B**

Results by Station Screen Design



## Results by Station

### Station

Organization: DEMOTEST The Commission for a Good Clean Chesapeake Bay

External Ref Scheme: STANDARD

Search String:

Search Station ID  
 Search Station Name

Selected Stations

Org_ID	Station_ID
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### Date

Please specify an Activity Start Date range(s)

DATE RANGE 1: JAN 1 1900 TO DEC 31 2003

DATE RANGE 2: --- -- --- TO --- -- ---

DATE RANGE 3: --- -- --- TO --- -- ---

DATE RANGE 4: --- -- --- TO --- -- ---

### Characteristic

Use the Characteristic Search to create a list of Characteristics. If no Characteristics are selected, all Characteristics will be searched for.

Characteristic Search:

Naming Convention: CAS Number

Hide Taxon Names

Selected Characteristics



[Help](#)



**ATTACHMENT C**

Regular Result Report Format



Warehouse Result Report Element Layout - Regular Results  
April 3 2003

Basic Org Info  
Org ID  
Org Name

Basic Station Info  
Station ID  
Station Name

Station Location Info  
Station Latitude  
Station Longitude  
State  
County  
HUC  
Geopositioning Method  
Horizontal Datum

Station Visit Info  
Visit Num  
Visit Start  
Visit Stop  
Trip ID  
Trip Name

Basic Activity Info  
Activity ID  
Activity Start  
Activity Stop  
Activity Medium  
*Activity Matrix*  
Activity Type  
Activity Category-Rep#  
Activity Intent  
Community Sampled  
Subject Taxon  
Biopart  
Field Procedure ID  
Field Procedure Name  
Gear Config ID  
Gear Config Name

Actual Activity Location Info  
Actual Activity Latitude  
Actual Activity Longitude  
Actual Location Point Type  
*Actual Point Name*  
Actual Point Sequence #  
Well Number  
Pipe Number

Activity Depth Info  
Activity Depth  
Activity Depth Unit  
Activity Upper Depth  
Activity Rel Depth  
Activity Lower Depth  
Up Lwr Depth Unit

Sample Handling Info  
Container Type  
Container Color  
Temp. Pres. Type  
Sample Handling Desc.

Basic Result Info  
Characteristic Name  
Sample Fraction  
Result Type  
Result Statistic  
Result Numeric Value  
Result Text Value  
Units  
Result Std Value  
Result Std Unit  
Weight Basis  
Temperature Basis  
Duration Basis  
Particle Size Basis  
Result Comment  
Distance Measured From  
Distance Measured To  
Text Result

Analytical Proc. Info  
Analytical Proc. ID  
Analytical Proc. Name  
Sample Prep. Proc.  
Proc. Exception

Basic Lab Info  
Lab ID  
Lab Name  
Lab Batch ID  
Lab Cert.  
Analysis Date  
Detection Limit  
Detection Limit Descript.  
Lower Quantification Limit  
Upper Quantification Limit  
Lab Remark

Result QA Info  
No. of Reps.  
Precision  
Conf Level  
*Bias*  
Dilution Ind  
Recovery Ind  
Correction Ind

Notes:

Underlined Elements  
are selected by Default

*Italics Elements* are  
New in v2.0

