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 March 19, 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	EPA
Ernestine Bryant	Robert King (TOPO)
Blythe Norris	Lee Manning (ATOPO)
Joseph Wilson	

3.0   Discussion Topics

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

3.1   STORET Version 2.0

The Project Team was asked to investigate a reported observation where the *Total Number in Group* field on the Single Taxon Group Summary Data Entry window appeared to only display 3 characters worth of data.

3.2   Reference Table Application v2.0

Reference Table data validation checks will be removed from the application. It was also decided that National Citations do not require BLOB (binary large object) support.

3.3   Central Warehouse

The following SIRs were allocated to release C1.1B.3. Additional design issues and clarifications were also discussed.

C   1435: Create ability to retrieve Results based on an Activity Start Date range.

Four date ranges will be provided on all screens that include Activity Start Date searches. In the future, date validation software will be written that prevents invalid dates from being sent to the server for processing; version C1.1B.3 will not include this functionality.

C   1436: Create ability to retrieve Results based on Organization.

Users will retrieve data at the Organizational level by selecting an Organization, then selecting up to 100 Stations or a single Project which belong to that Organization. These query paths are described in more detail in SIRs 1438 and 1442.

C   1437: Create ability to retrieve Results based on Characteristic or Characteristic Alias.

Users will select Characteristics using either default STORET Characteristic names (i.e. tsrchar.search_name) or the Characteristic Aliases related to the data available in version C1.1B.3. This includes Chemical Abstracts Service (CAS) numbers and Parameter Codes.

C   1438: Create ability to retrieve Results based on Station ID.

A user will retrieve data at the Station level by first selecting an Organization and then searching for and selecting Stations based on Station ID. In the future, users will also be able to select Stations based on Station Name and External Naming Schemes; this functionality will not be included in version C1.1B.3.

C   1439: Create ability to retrieve Results based on Primary State/County Assignment.

The user will select a single state to search in its entirety, or create a list of counties to query from a single state.

C   1440: Create ability to retrieve Results based on a single Hydrologic Unit Code.

The Central Warehouse will provide users with a list of valid Hydrologic Unit Codes (HUC) to choose.

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C   1441: Create ability to retrieve Results based on a Station's Point of Record (POR) location falling in or on a user defined rectangle delineated by two Longitude and two Latitude points.

        The user will enter Latitude/Longitude search criteria in decimal degrees.

C   1442: Create ability to retrieve Results based on Project to Activity Assignments.

        Version C1.1B.3 will allow users to select a single Project per query.

C   1445: Create ability to display a Result Summary of count information based on the user's selected search parameters.

        This page will also enforce report size limits (SIR 1446).

C   1446: Create ability to generate and make available to the user a customized Result report containing Physical and Chemical results.

        Version C1.1B.3 will produce reports containing Physical and Chemical Result data. The data content and layout of this report was determined in previous meetings. Large text fields are being excluded from this verison of the Central Warehouse. These include: RESULT_COMMENT, TEXT_RESULT, and ANAL_PROCEDURE_EXCEPTION.

        Users are not permitted to generate reports for queries that return more than 30,000 records.

Screen designs for the Result area were examined (Attachment A) and the following design changes were made:

C   The three Result Search Criteria pages will be renamed to Results by Geography, Results by Station, and Results by Project.

C   The instructions appearing in the Geographic Location section will read 'Select a single type of location search you wish to perform (state/county, latitude/longitude, or HUC). Then enter the corresponding search criteria.'

C   The instructions appearing in the Project section will read 'Step 1: Select a single Organization from the List' and 'Step 2: Select a single Project by Clicking "Look Up".'

C   The instructions appearing in the Station section will read 'Step 1: Select a single Organization from the List' and 'Step 2: Select Station IDs by Entering a Search String and Clicking "Search".'

C   On the Result Search Summary page 'Search Parameter Values' will be replaced with 'Search Criteria.'

An impact assessment would be conducted to examine the affects of allowing users to download all of the results associated with an activity that has at least one result matching the selected search criteria.

A simple home page will be developed that contains links to the three Result Search Criteria pages (i.e., Results by Geography, Results by Station, and Results by Project) and the existing Station Search Criteria page. This will be a temporary page that provides access to version C1.1B.3 of the STORET Central Warehouse.

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
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 not scheduled.

6.0   Distribution to EPA & SDC Interested Parties

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7.0   Approval of Minutes as Submitted or Revised

_____   _____

Robert E. King   Date
Task Order Project Officer

ATTACHMENT A

Result Area Screen Designs

Result Search Criteria

Geographic Location

Select the type of location search you wish to perform (state/county, latitude/longitude, or HUC). Then enter the corresponding search criteria.

● State/County	State Name	County Name	
	All ▼	All	Look Up

○ Latitude/Longitude (In Decimal Degrees)	North Limit		
	90	N ▼	
	West Limit		East Limit
	180	W ▼	0	W ▼
	South Limit		
	0	N ▼	

○ Drainage Basin/HUC	Cataloguing Unit	
	All	Look Up

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 ▼

Search   ☑ Hide Taxon Names

Selected Characteristics

- -

Clear Selected   Clear All

Continue   Clear Form   Help

A-1

Result Search Criteria

Station

Step 1: Select an Organization from the List

Org ID	Organization Name
DEMOTEST	The Commission for a Good Clean Chesapeake Bay ▼

Step 2: Select Stations by Entering a Search String and Clicking "Search"

[   ] [Search]

Selected Stations

[Clear Selected] [Clear All]

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 ▼]

[Search]   ☑ Hide Taxon Names

Selected Characteristics

[Clear Selected] [Clear All]

[Continue]   [Clear Form]

A-2

Result Search Criteria

Project

Step 1: Select an Organization from the List

Org ID	Organization Name
DEMOTEST	The Commission for a Good Clean Chesapeake Bay ▾

Step 2: Select a Project by Clicking "Look Up"

Select a Project | Look Up

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 ▾

Search | ☑ Hide Taxon Names

Selected Characteristics

Clear Selected | Clear All

Continue | Clear Form | Help

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Result Search Summary

Number of Results Returned: 1,600

Search Parameter Values	
State:	VIRGINIA
County:	ALL
Activity Start Dates:	ALL
Characteristic(s):	ALL
Organization(s):	ALL
Project(s):	ALL

Select 'Back' to modify search parameters and refine your query.
Select 'Continue' to generate a report based on your current selections.
You may customize the content of your report by selecting Data Elements below.

<< Back   Continue >>

Select Data Elements for Report

☑ Default Element Group   ☑ Default Element Group   ☑ Default Element Group

☑ Default Element   ☑ Default Element   ☑ Default Element

☐ Optional Element Group   ☐ Optional Element Group   ☐ Optional Element Group

☐ Optional Element   ☐ Optional Element   ☐ Optional Element

☑ Required Element Group   ☑ Required Element Group   ☑ Required Element Group

☑ Required Element   ☑ Required Element   ☑ Required Element

Select All   Clear All   Restore Defaults

<< Back   Continue >>   Help