ADB 2.3.0 Release Notes
November 2007

We're pleased to announce the availability of the Assessment Database v2.3.0! This updated software fully supports the 2008 Integrated Reporting Guidance and provides new enhancements.

Some of the updates include:

- Modified delisting forms and delisting reason list to include a designation between WQS attainment and delisting.
  The updated available delisting and WQS attainments reasons are as follows:
  Delisting:
    - Data and/or information lacking to determine water quality status; original basis for listing was incorrect (Category 3)
    -TMDL approved or established by EPA (4A)
    -TMDL Alternative (4B)
    -Not caused by a pollutant (4C)

  WQS Attainment:
    -Applicable WQS attained; original basis for listing was incorrect
    -Applicable WQS attained; due to restoration activities
    -Applicable WQS attained; due to change in WQS
    -Applicable WQS attained; according to new assessment method
    -Applicable WQS attained; threatened water no longer threatened
    -Applicable WQS attained; reason for recovery unspecified

- Added in description and URL fields to track mercury reduction strategy information
- Expanded data fields for 4B (TMDL alternative)
- Add a field for states to designate a user defined category at the use and cause levels. In the case of the user defined cause category this will be the place for a state to designate a 5M water.
- Add flags at the assessment unit use attainment, and cause levels.to track if a cause of impairment was added by EPA.
- Added a field to track the cycle of consent decree if a AU-cause combination was part of a consent decree.
- Added in comment field at the observed effects and sources levels.
- Improved data exports by adding TMDL information and add other fields
- Added in new water types: **"**Great Lakes Connecting Channel", "Ditch and Canal", and "Inland Lake Shoreline"
- Add in new assessment type: **"**Other"

**NOTE BEFORE UPDATING: The ability to upload assessment methodology and monitoring strategy documents was removed from this release. If you have

uploaded these documents in your current ADB, please be aware that these will be deleted during the update for all cycles.

To install the v2.3.0 upgrade, the directions are as follows:

If you already have ADB v2.x installed, then:

Backup your database first! To be safe you may want to do a backup to XML files from within the ADB as well as perform an export if running oracle or sql server or in the case of Access, make a copy of your .mdb file.

1. Start your ADB software.
2. Under the File menu choose "Check For Updates."
3. Click on the Tabs that say "Database", "Tables", and "Software" and choose the respective update options. Be sure to perform the "Database" update first. Please note that on the "Tables" tab, the Analyze and Update processing may each take a few minutes. Please be patient and allow these procedures to complete before you close the software. Those of you running Oracle or SQL Server in a client/server mode will receive additional instructions for your DBA.
4. Make sure all of your components update. Once complete, all of the versions in the "Your Version" column should match the values in the "Current Version" column, and most of those will be listed as version 2.3.0.
5. You're done! Installing the v2.3.0 upgrade should only take about 5 minutes.
6. Close the Update Module and re-start your ADB software to explore the new features.

If you don't have the ADB installed, then proceed to this website:
http://www.epa.gov/waters/adb/tools.htm

1. Download the full install package for the ADB and follow the install instructions.
2. Connect to the included database and select a state and cycle.
3. Follow steps 1-6 above.

For questions or assistance, contact the central OW tech support at 1-800-844-0638.

Specific table structure updates include:

Moved ASSESSOR field from ASSESSMENT_UNITS to WQS_ATTAINMENTS
Increased size of ASSESSMENT_UNITS .WATER_NAME to VARCHAR2(100)

-Added the following fields:
- ASSESSMENT_UNITS.EPA_ADDED
- WQS_ATTAINMENTS.EPA_ADDED
- AU_CAUSES.EPA_ADDED
- AU_CAUSES .CONSENT_DECREE_CYCLE
- CAUSES.STATE_CAUSE_CATEGORY
- WQS_ATTAINMENTS .STATE_USE_CATEGORY

- OBSERVED_EFFECTS .OBSERVED_EFFECTS_COMMENT
- DELISTING_REASON_LUT.REASON_FLAG
- DELISTING_REASON_LUT .CURRENT_FORMAL_DESCRIPTION
- DELISTING_REASON_LUT.SORT_ORDER
- DELISTING_REASON_LUT.CURRENT_FLAG
- STATE_ASSESSMENTS .MERCURY_COMMENT
- STATE_ASSESSMENTS .MERCURY_URL
- AU_CAUSES .POLLUTANT_SOURCE_TYPE
- AU_CAUSES .4B_JUSTIFICATION_URL

-Deleted the following fields:
- STATE_ASSESSMENTS.MONITORING_DESC
- STATE_ASSESSMENTS.ASSESSMENT_DESC
- STATE_ASSESSMENTS.MONITORING_STRATEGY
- STATE_ASSESSMENTS.ASSESSMENT_METHOD

-Added a new table, AU_NPDES

-Dropped the following tables
- STATE_USE_LUT
- STATE_CAUSE_LUT
- STATE_SOURCE_LUT