

Student Exercise 2.3

Day 2 – Batch Loading Data in AQS (With Errors)

Goal: To see how the batch load process works when there are errors in the file and to use the Correct utility to fix the errors.

Part 1

Step 1. Start AQS & Logon using your training user id and password

Step 2. Select your screening Group

Step 3. From the menus select “Batch”

Step 4. Click on the CDX button

Step 5. Select the file “Ex2_3_Txx” where “Txx” is your training id from the instructor-provided directory.

Step 6. Close CDX and Return to the Batch screen

Step 7. Click the “Refresh CDX” button until your file appears on the list.

Step 8. Click on “Load File” and wait for the status of the submitted job to read “ERROR”.

Step 9. Click the “Edit/Load Summary” button on the bottom of the screen.

Step 10. Click the “Edit Error Detail” button on the bottom of the screen and review. The Error Corrections sheet follows this exercise in your manual.

PLEASE NOTE

If the status of your job says “COMPLETE”, please advise the instructor or an assistant immediately.

Part 2 – Correct Utility

Step 1. Click on “Correct” → “Raw” from the menu.

Step 2. Follow the instructions on the Error Corrections sheet to identify and resolve the issues using the functions in CORRECT.

Step 3. After all corrections have been made, click on “Batch”

Step 4. Click on “Submit Correct Data” to process the records from CORRECT

Step 5. Repeat Steps 1 – Step 4 until all errors have been corrected. You will know this when the status of the “Submit Correct Data” job says “COMPLETE”

Step 6. Exit from AQS.

Please see other side for correction help.

Student Exercise 2.3, continued

Day 2 – Batch Loading Data in AQS – Error Corrections

Error #1

You will see that you have 1 record that has an error because of “Monitor Inactive for this Date.”

Why? The record was entered with a start year of 2002. The monitor begin date is in 2006.

How do I fix it? Since all the other data measurements have a 2006 date, assume 2002 is in error. Query to find all records that start with the year 2002. Change the year to 2006.

Hint: Use “%” as a wildcard in your search.

Error #2

You will see that you have 1 record that has an error because of “Monitor ID (State, County, Site, Parameter, POC) not in database.”

Why? You own monitor 37-073-90xx, where “xx” is the last 2 digits of your screening group. There is one record with a value of 37-073-00xx.

How do I fix it? Assume the site was entered incorrectly. Do a query to find all records that start with the site id of “00xx”. Change the site id to “90xx”.

Error #3

You will see that you have 2 records that have an error because of “Value may not overlap another sample.”

Why? The record has a start time of “05:30” and duration of 1 hour. There is another record that did pass that has a start hour of “06:00”. So the value that started at 05:30 couldn’t be 1 hour because it would bump into the sample that started at 06:00.

How do I fix it? Assume the measurements are taken hourly on the hour. Do a query to find all records that start with the hour of “05:30”. Change the value of the hour to “05:00”.

Error #4

You will see that you have 16 records with error “Invalid Protocol.” “Protocol” refers to the combination of pollutant+units+methodology that is considered valid and accepted by the monitoring community and AQS. If you do encounter an Invalid Protocol, it may also be that your valid combination has not yet been entered into AQS, so you would need to contact the AQS Team.

Why? The record references an invalid (currently “919”) method code.

How do I fix it? Assume this was entered incorrectly. Use “Search & Replace” and change all of the method code values from “919” to “019”.

Reminder: “Replace All” replaces all items in the selected column with the New Value; “Replace” finds the items that match Current Value and replaces only those with the New Value.