

## Student Exercise 2.4

### Day 2 – Post Process

Goal: To “POST” (move raw data from “pre-production” to “production” status) and to associate the raw data with the exceptional event defined in Exercise 2.1.

#### **Part 1 – Review the Data**

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

**Step 2.** Select your Screening Group

**Step 3.** From the menus select Retrieval / Standard Reports

**Step 4.** Select AMP350P -- Pre-production Raw Data

**Step 5.** On the Monitor tab, select 37-073, All Parameters, and Date Range 20010101 – 20090330, and run the report.

**Step 6.** Compare the data on the report to the files that you have submitted.

#### **Part 2 – Run the Statistical Report**

**Step 1.** From the menus select “Batch”

**Step 2.** Click on the “Stats / CR” Button

**Step 3.** Wait until the status of the job = “COMPLETE”

**Step 4.** Click the “Scan Report” Button. Review the report when it completes

**Step 5.** Close the report

**Step 6.** Click the “Stat Evaluation” Button. Review the report when it completes

**Step 7.** Close the report.

Questions:

1. What types of records are being evaluated in this process?
2. What is the status of the records BEFORE and AFTER running the Statistical processes?  
BEFORE:  
AFTER:
3. If you do find data anomalies identified by the statistical process, how would you go about correcting them?

#### **Part 3 – Post the Data**

**Step 1.** Click on the “Post” button

**Step 2.** Select any of the lines on the “Raw Overview” tab.

**Step 3.** Click on the “Raw Data” tab. *Question:* What does this data represent?

**Step 4.** Click the “Post Data to Production” button

**Step 5.** Click “OK” on your job being processed

**Step 6.** Click the “Return to Batch Processing” button

**Step 7.** When the Post job completes, click the “Raw Data Inventory” button.

Review the report. *Question:* How many records were updated in this job?

**Step 8.** Close the report.

**Step 9.** Exit AQS.

Questions:

1. Don’t forget the question in “Step 3.”
2. Don’t forget the question in “Step 7.”
3. What is the status of the raw data records after this process is complete?

## **Part 4 Associate Raw Data with an Exceptional Event**

Associate the raw data, that was flagged with the “RT” exceptional event qualifier, loaded in Exercise 2.2, and posted in Part 3 of this Exercise, with the Exceptional Event defined in Exercise 2.1, Part 3.

Until Raw Data is at “Production” status, it cannot be associated with an exceptional event.

**Step 1.** Select “Maintenance” → “Event” from the menu.

**Step 2.** Click on “Enter Query” icon.

**Step 3.** On the “Define Event” tab, either use pull-down menu or enter “RT” into Event Type field.

**Step 3.** Click on “Execute Query” icon.

**Step 4.** You should see the Exceptional Event that was defined earlier.

Qualifier Code: RT (Wildfire - US)

Event Begin Date: 20050101

Event End Date: 20050101

Event Description: “Training - Smoke from Peat Fire in NC, January 1, 2005”

Comment: “Training – Smoke from the Peat Fire in NC on 1/1/2005 raised the monitored 8-hr ozone levels in eastern NC.”

Comment URL: [www.epa.gov/ttn/](http://www.epa.gov/ttn/)

**Step 5.** Click on the “Associate Raw Data with Event” tab.

**Step 6.** Click on “Query Affected Monitors” button.

The block at the bottom (Monitor Key, Begin and End Date) now contains information. These records should have a number in the “# Unassociated” column. In order to make these available to the Regional Office for concurrence, you must associate these records with an exceptional event.

**Step 7.** Click on the dropdown of the first record in the “Action” column.

**Step 8.** Choose “Associate” and “OK.”

**Step 9.** Click the “Commit” (Save) icon.

These records should have a number in the “# Associated” column.

**Step 10.** Click the “Main Menu” icon.

## **Part 5 – Run the Raw Data Qualifier Report (AMP360)**

**Step 1.** From the menus select “Retrieval” → “Standard Report Selection”

**Step 2.** Enter (or select from Drop-Down) “AMP360” (Raw Data Qualifier Report) in the “Report Code” field.

**Step 3.** Click on the “Monitor Selection” tab.

**Step 4.** Select your state in the “Site Monitor Criteria” section.

**Step 5.** Select Pollutant Type. (Choose “ALL.”)

**Step 6.** Select Global Date Range (Jan 1 2005 to Jan 31 2005)

**Step 5.** Click on the “Report Options” tab.

**Step 6.** Select “Yes” under Merge PDF files.

**Step 7.** Generate the report.

**Step 8.** When the report comes back, review the report.

**Step 9.** Close Acrobat.

**Step 10.** Click on the “Criteria Set” tab.

**Step 11.** Exit AQS.