## WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

### MATERIALS CONTROL, SOILS AND TESTING DIVISION

#### MATERIALS PROCEDURE

# PROCEDURE FOR THE SUBMISSION AND DOCUMENTATION OF QUALITY CONTROL TEST RESULTS

#### 1. PURPOSE

1.1 To provide guidance for the streamline submission of test results documentation from the Contractor to the District.

#### 2. REFERENCED DOCUMENTS

- 2.1 MP 109.00.21 Basis for Charges for Non-Submittal of Sampling & Testing Documentation by the Established Deadline
- 2.2 MP 109.00.23 Auto Finalize Condition of Industry Sample Records

#### 3. **DEFINITIONS**

- 3.1 AWP: AASHTOWare Projects The Division Approved Sampling and Testing Documentation Software.
- Authorize: In AWP, the action in which a sample record is "completed" or "finished", regardless of the final sample status.

#### 4. SCOPE

- 4.1 As required by MP 109.00.21, contractors must submit their Quality Control test results by the deadline specified in that document.
- 4.2 The submission of results includes the following steps: (A) generating the sample in the Division Approved Sampling and Testing software (SiteManager, AASHTOWare Projects, etc.), (B) entering all data into this system, (C) presenting the data to the District for review and (D) providing all testing documentation.
- 4.2.1 This procedure expands on each of these points.

#### 5. GENERATION OF A SAMPLE RECORD IN AASHTOWARE PROJECTS

Test results shall be documented in AWP (or the current Division Approved Sampling and Testing Documentation Software) using the live version of the training guides available on the WVDOH MCS&T Webpage<sup>1</sup>. A sample of these guides is provided in Attachment 1.

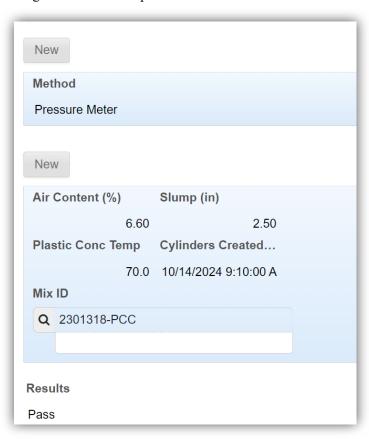
#### 6. ENTERING OF TEST DATA.

All applicable data shall be entered into AWP. This shall include all required fields as shown in the live version of the training guides available on the WVDOH MCS&T Webpage. A sample of these guides is provided in Attachment 1.

<sup>&</sup>lt;sup>1</sup> https://transportation.wv.gov/highways/mcst/Pages/AWP.aspx

- 6.1.1 This data includes test results such as compacted density, or percentage of material passing a specific sieve.
- 6.1.2 Figure 1 shows an example of test data entered into AWP.

Figure 1 – An Example of Test Data Entered into AWP.



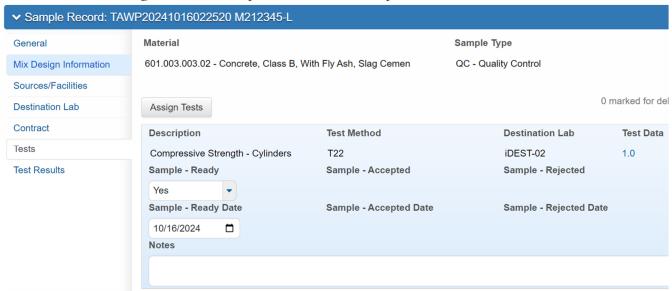
# 7. PRESENTING THE DATA TO THE DISTRICT FOR REVIEW AND SUBMITTING TESTING DOCUMENTATION

- 7.1 Once the test data has been entered, the data must be submitted to WVDOH.
- 7.2 An email shall be sent by the Contractor to the District Approved email submission inbox. An example of this email is shown in Attachment 2. A list of these inboxes is available on the WVDOH MCST Toolbox Webpage<sup>2</sup>.
- 7.2.1 The title of the email shall contain the Contract ID and the Name of the Project, as well as "QC Test Results".
- 7.2.2 The email shall contain, but not be limited to the following information:
  - 1. Contract ID
  - 2. Name of the Project
  - 3. Lab Reference Number
  - 4. Sample ID
  - 5. Material Name
  - 6. Line Number(s)

<sup>&</sup>lt;sup>2</sup> https://transportation.wv.gov/highways/mcst/Pages/tbox.aspx

- 7. Final Status of the Material (Pass/Fail/Information Only)
- 8. A direct link to the AWP Sample Record
- 9. A PDF scan of all test data
- 7.3 The contractor may send multiple tests in a single email as long as each is on the same contract, for the same material and for the same testing day.
- Once the sample record is ready to be submitted, the user will mark the test complete on the Sample Record. An example of this action is shown in Figure 2.

Figure 2 – An Example of a Submitted Sample Record into AWP.



#### 8. RECEIVING OF SAMPLES BY THE WVDOH

- 8.1 Once the District has received and accepted the sample record, they will "authorize" the sample. Whether the test data passes or fails, the sample record is still authorized.
- 8.1.1 If the sample record has been submitted to the District, and if the Contractor has an active "Auto-Finalize" status as described in MP 109.00.23, the sample record will be counted toward payment the next calendar day if it has not been reviewed by the District.
- 8.2 The District will also mark the sample as "Sample-Accepted" on the sample record tests tab. An example of the completed screen is shown in Figure 3.



Figure 3 – An Example of an Accepted Sample Record into AWP.

- 8.3 Once accepted, the District shall reply to the submission email stating that the sample record has been accepted.
- 8.4 If rejected, the District will mark the Sample as "rejected" with the rejection date. The District will then reply to the original email, stating the reasons for the rejection.
- 8.5 If a sample is rejected, the Contractor must correct the sample. Once corrected the Contractor will reply to the email stating that the sample has been corrected. The sample will then be reviewed by the District. If found acceptable, the District will process the sample.
- 8.6 If a sample record is once again rejected, the process shall repeat until the sample is correct.
- 8.6.1 In the case where a sample record has been rejected, the total number of days (timeframe) specified in MP 109.00.21 will be the sum of the days until submitted and the number of days between rejection(s) and resubmission(s).
- 8.6.1.1 For example, if the original submission takes 5 days and the sample is rejected, the correction(s) take an additional 5 days, the total number of days is 10. If the 10 days is greater than the allowable days in MP 109.00.21, the penalty will be applicable even if the original submission was within the allowable timeframe.



#### ATTACHEMNT 1

AWP Training Manual Section I-1 (Rev. 03-20-2024)

#### I1-3 GENERAL TAB

Enter all the information (in Yellow) as it is Required.

**NOTE:** The Green Fields **MAY** be used based on the Sample Type and your District's workflow.

If you have the information, you can fill in the Green Fields.



(I1-5)

Go to the Next Step.

#### ATTACHMENT 2 – Sample Email Submission

Subject Line: 20240001243 – Contract Name – QC Test Results

Dear Scott,

I am submitting the following Sample Record(s):

20240001243 WV 19 to Allen's Run C1N-1234 TAWP20241016022520 Class B Concrete with Fly Ash LN 0020, LN 0030 Pass

20240001243 WV 19 to Allen's Run C1N-1235 TAWP20241016022530 Class B Concrete with Fly Ash LN 0020, LN 0030 Pass

https://wvXXX-pr-prod.infotechinc.com/#/SampleRecord/44209/Summary https://wvXXX-pr-prod.infotechinc.com/#/SampleRecord/44209/Summary (These links are examples; they are not a live.)

Attached is the Testing Documentation (PDF)

Very Truly Yours,

Jimmy John, from Tom's Construction.