



**Memorandum**

**To:** South Carolina Certified Laboratories for SW-846  
**From:** SCDHEC Office of Environmental Laboratory Certification  
**Date:** March 12, 2019  
**Re:** SW-846 Update VI, Phase II

On July 12, 2018, the Environmental Protection Agency (EPA) provided notice of the availability of “Final Update VI, Phase II” to the manual, “Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,” EPA publication SW–846. Final Update VI, Phase II contains analytical methods which may be used in monitoring or complying with the Resource Conservation and Recovery Act (RCRA) hazardous waste regulations.

The South Carolina Environmental Laboratory Certification Program is incorporating these new and revised methods into the Solid and Hazardous Waste Certification. The new and revised analytical methods can be found at <https://www.epa.gov/hw-sw846/sw-846-compendium>.

At this time, your laboratory needs to review the methods you are certified to perform to determine if your present certification will be affected by this rule. Of significant note, EPA Methods 8260B and 8270D were revised and updated to EPA 8260D and 8270E, respectively. Standard Operating Procedures (SOPs) must be updated to reflect the revised method requirements and must be submitted to our Office by **November 01, 2019**.

For laboratories certified for EPA 8260B and EPA 8270D, the SOPs must be updated and submitted reflecting the changes in EPA 8260D and EPA 8270E. This includes but is not limited to: updated mass spectrometer (MS) tuning frequency, updated initial calibration and calibration verification acceptance criteria, and clarified select ion monitoring (SIM) procedures, etc. Laboratories are reminded to review and adhere to the clarified data qualification procedures associated with analyte failures that might occur during the continuing calibration verification (CCV).

For out-of-state laboratories, updated certificates from your certifying authority reflecting certification for the revised methods must be submitted with the new or revised SOPs. If you encounter delays in receiving an updated certificate from your certifying authority, please contact our Office.

Certificates that reflect the necessary method revision changes from 8260B to 8260D and 8270D to 8270E will be issued in January 2020. The updated method revisions must be reported with the 2020 calendar year proficiency testing (PT) studies. If you have any questions, please contact us at (803) 896-0970 or [labcerthelp@dhec.sc.gov](mailto:labcerthelp@dhec.sc.gov).

cc: Renee Shealy, Bureau Chief  
Bureau of Environmental Health Services

Henry Porter, Bureau Chief  
Bureau of Land and Waste Management

Micheal Mattocks, Assistant Bureau Chief  
Bureau of Environmental Health Services