



TCEQ Guidance on SW-846 5035A

The Texas Commission of Environmental Quality (TCEQ) Remediation Division issued guidance for the collection of soil sample by method SW-846 5035A/ SW8260. This update will impact all soil samples collected for Volatile Organic Compound (VOC) analysis that need to comply with the following 30 TAC Chapters:

- Chapter 334, subchapters D and F (Underground and Above Ground Storage Tanks)
- Chapter 335 Subchapter S (Risk Reduction Standards)
- Chapter 350 (Texas Risk Reduction Program (TRRP))

SW846 5035A is a sampling and preparation technique for the analysis of VOCs by SW 8260. The new sampling technique requires that all samples be collected using field vial kits. Due to the high potential for calcium carbonate in Texas soil, the TCEQ recommends the samples be collected using no preservative (i.e. DI water). The samples should then be frozen, at the laboratory, within 48 hours of collection.

Eurofins Lancaster Laboratories Environmental has more than 15 years of experience with 5035/5035A field collection techniques and can provide you with guidance and easy to use field kits. These kits have been prepared prior to shipment and contain the following equipment:

1. 1 Terra Core sampling device that has a fixed volume to meet the $5\text{ g} \pm 0.5\text{ g}$ requirement.
2. 2 x 40mL vials with 5mL of premeasured DI water for low level analysis.
3. 1 x 40mL vial with 5mL of premeasured methanol only for high level analysis (blue cap).
4. 1 soil container for moisture determination.



Once collected, all vials can be put right back into the foam kit for delivery to the lab.

In addition to our experience and easy to the use kits, we have dedicated freezer space for this method to ensure that samples are handled correctly and meet method requirements.

TX 1005/1006

TX 1005/1006 can be collected using a similar sampling technique, but require 10 grams of soil. This means that 2 plugs need to be added into each TX 1005/TX1006 vial.

Our project managers can provide more information and sampling guidance. A practice sample kit can also be provided to ensure that future compliance samples are collected and shipped correctly.

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PFC (PFOA)	

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