



# Recent SW-846 Updates

## Method Publication Process

- Methods posted for public comment on SW-846 website
- Mailing list notifies users about new or revised methods – email [orcrSW846@epa.gov](mailto:orcrSW846@epa.gov) to sign up
- FR will be used for publication of methods that are required by regulations (i.e., MDPs)

## Update VI Phases I & II

### Method 1340: IVBA for Lead in Soil

- Finalized on November 28, 2017

### Methods 8260D and 8270E-Volatile and Semivolatile Organic Compounds by GC/MS

- Finalized on July 12, 2018

## Update VI Phase III - LEAF

- **Method 1313:** Equilibrium-based leaching test for contaminant release related to pH
- **Method 1314:** Percolation leaching test
- **Method 1315:** Mass transport rate-based leaching test
- **Method 1316:** Equilibrium-based leaching test for contaminant release related to liquid/solid ratio
- Extensive User Guide

Finalized on May 21, 2019



## PFAS Methods

### Method 8327 - direct injection/external standard LC/MS/MS method for non-potable waters

- Validated for 24 PFAS analytes
- Public comment period: June 21-July 22, 2019
- Available on SW-846 Validated Methods webpage

### Method 3512 – solvent dilution sample preparation method for non-potable waters

- Validated with Method 8327
  - Currently published as Appendix B to Method 8327
- ### SPE/isotope dilution method for non-potable waters and solids
- Coordinating with OW to draft and validate via the Clean Water Act methods program



## Update VII

### Phase I: Methods 1010B & 1010C - Flashpoint methods

- Part of Modernizing Ignitable Liquids Determinations Rule – proposed on April 2, 2019

### Phase II: PFAS Method 8327 – released for comment June 21, 2019

### Phase III: Method 3050C: Acid Digestion of Sediments, Sludges, and Soils

- Multi-lab validation planned for Fall 2019

## Potential Future Methods

- **Method 1340A:** In Vitro Bioaccessibility Assay (IVBA) for Lead and Arsenic in Soil
- **Method 3060B** – Alkaline Digestion for Hexavalent Chromium
- **Method 3110:** Arsenic Extraction of Seafood for Arsenic Species
- **Method 6200A:** Field Portable XRF for Elemental Determinations in Soil and Sediment
- **Method 6870:** Arsenic Speciation in Seafood Using IC-ICP/MS
- **Method 8330B:** Nitroaromatics and Nitramines by HPLC
- **Organic LEAF Leaching Methods**

Christina Langlois-Miller USEPA

Office of Resource Conservation and Recovery  
(703) 308-0744 [Langlois-Miller.Christina@epa.gov](mailto:Langlois-Miller.Christina@epa.gov)

<https://www.epa.gov/hw-sw846>

Email: [orcrSW846@epa.gov](mailto:orcrSW846@epa.gov)

Kim Kirkland USEPA

Office of Resource Conservation and Recovery  
(703) 308-0490 [Kirkland.Kim@epa.gov](mailto:Kirkland.Kim@epa.gov)