

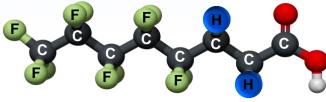




Taryn McKnight,
PFAS Practice Leader
Eurofins Environment
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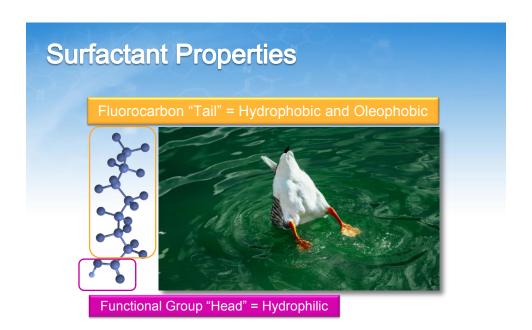
Perfluorinated = Completely Fluorinated

Polyfluorinated = Incompletely Fluorinated



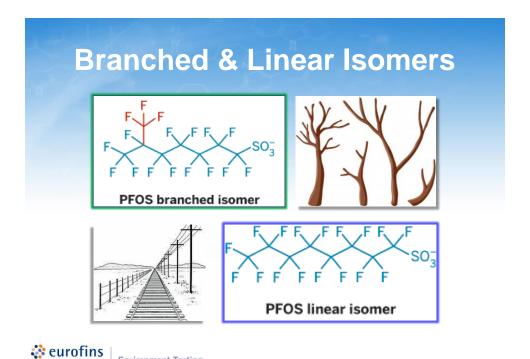
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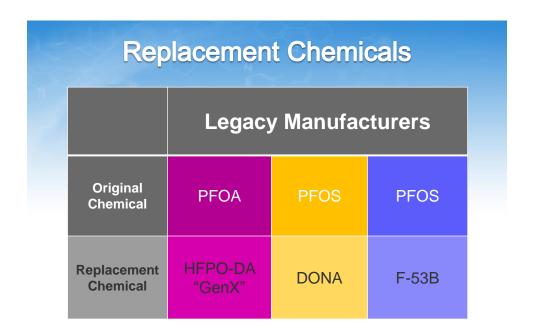
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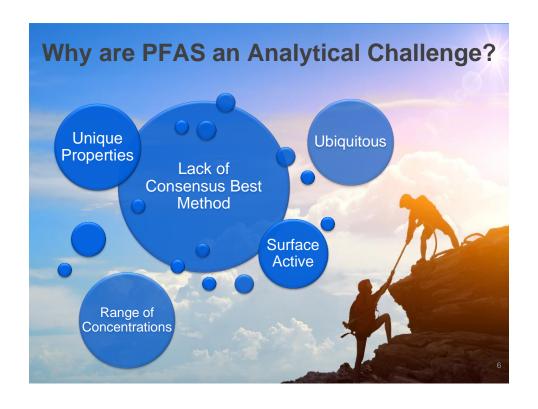
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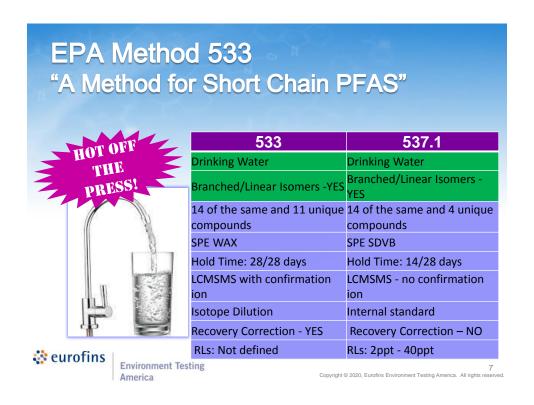


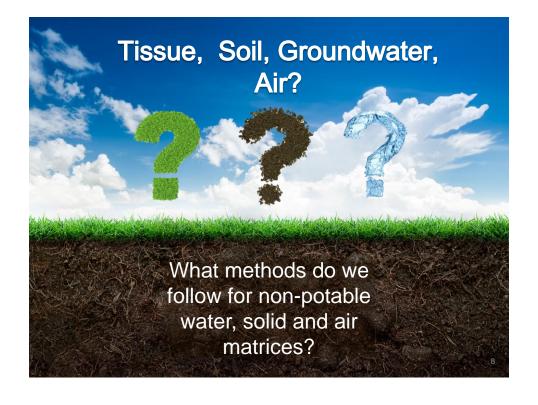


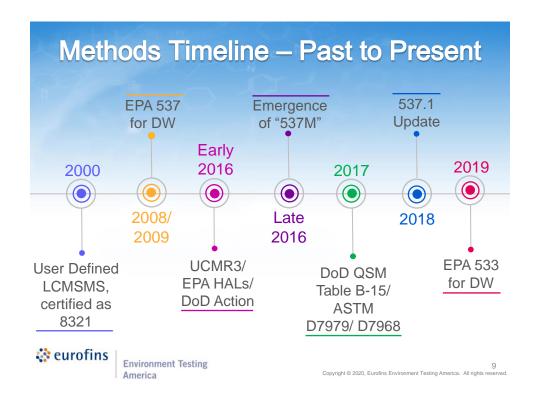
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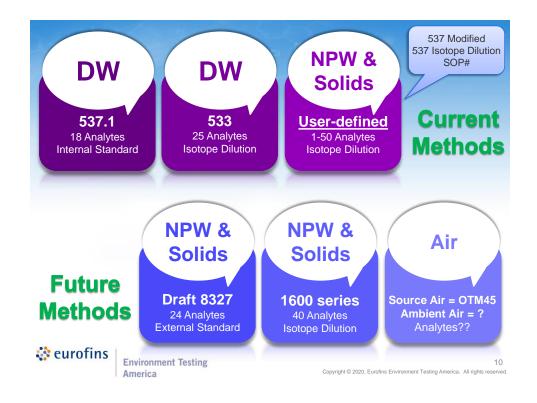
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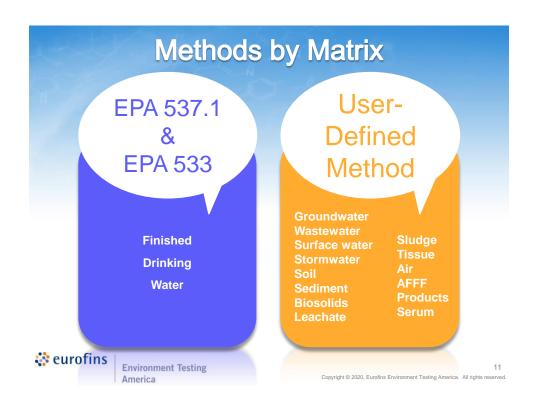




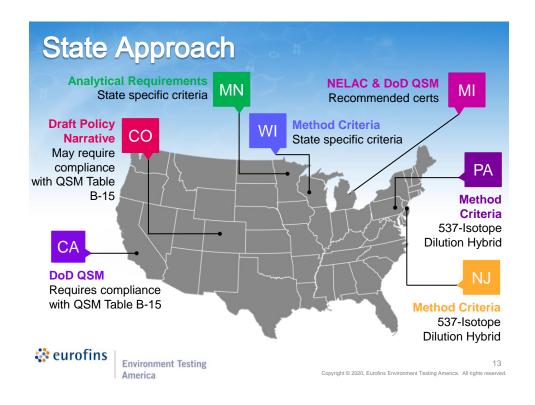


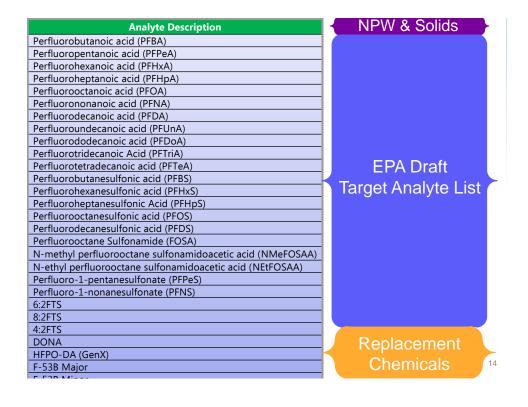


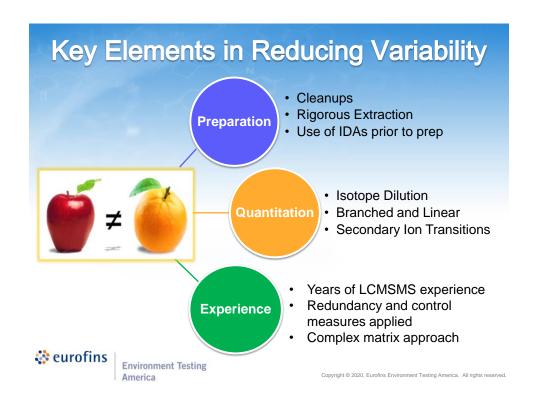












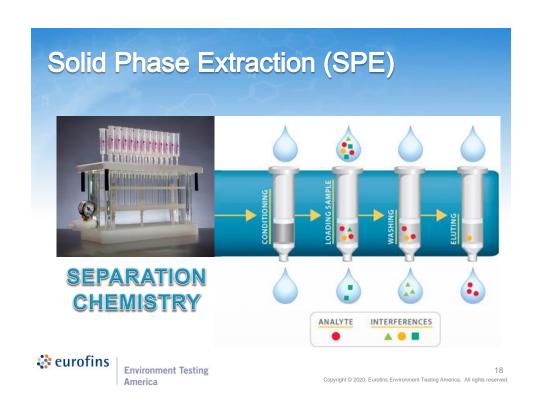
## 537.1 vs DRAFT 8327 vs 537M PFAS Method Comparison Table for Aqueous Matrix **EPA DRAFT User Defined Features Method 537.1** "537 Modified"1 8327 **Matrices Drinking Water** Non-potable aqueous All aqueous matrices Sample size 250 mL Any allowed (5mL used) 250 mL **Analysis LCMSMS LCMSMS LCMSMS Aqueous Extraction** SPE SDVB SPE Waters WAX Yes, for available Yes, for available Yes, for available **Branched/Linear Isomers** standards standards standards **Confirmation Ion** No Yes Yes Quantitation Internal standard External standard Isotope dilution **Reporting Limits** (2 ppt - 40 ppt) (10ppt - 8000ppt) (2ppt - 20ppt) **Recovery Correction** No Yes



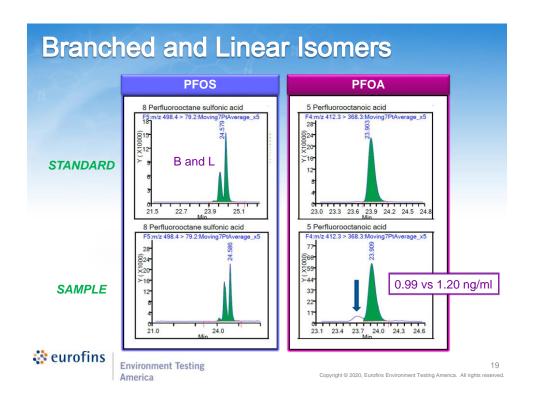
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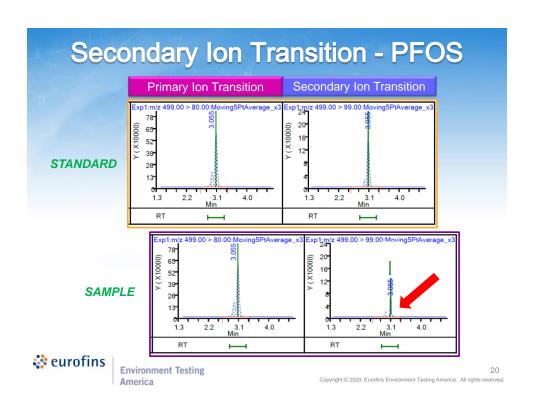
<sup>1</sup> – Compliant with DoD QSM Table B-15

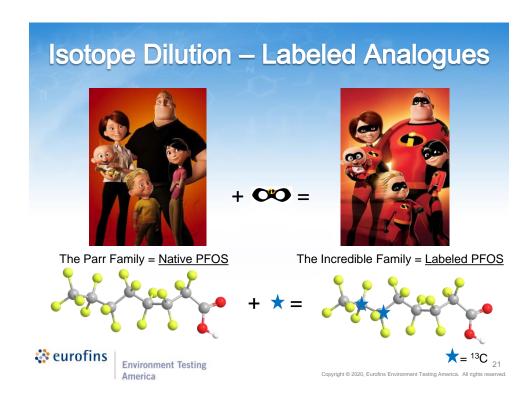


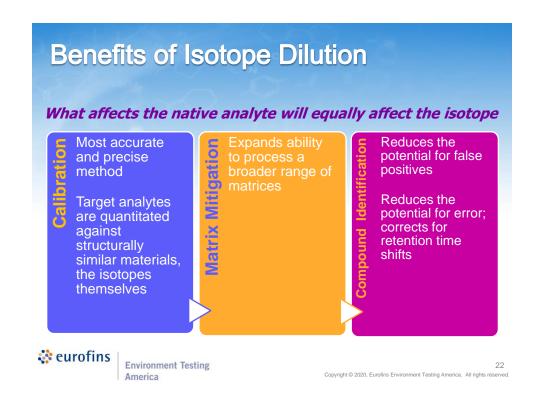


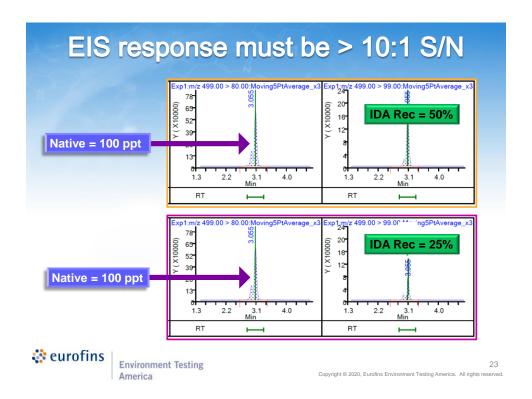
9

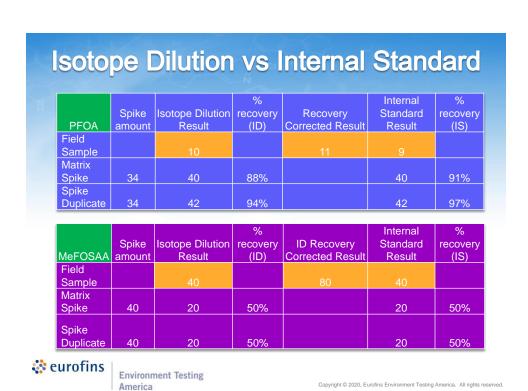


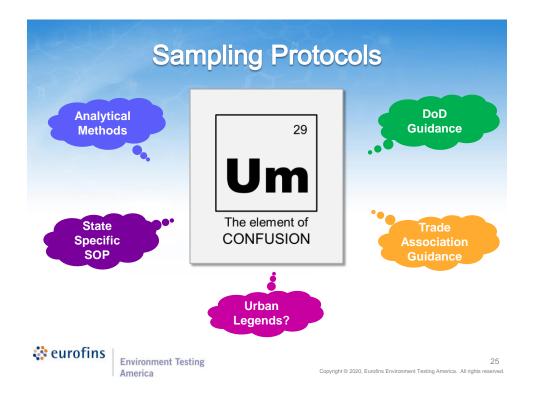


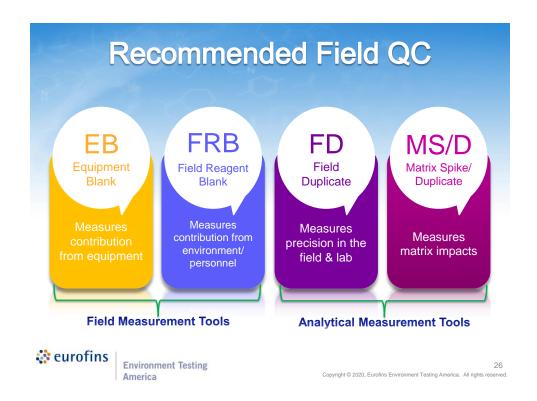






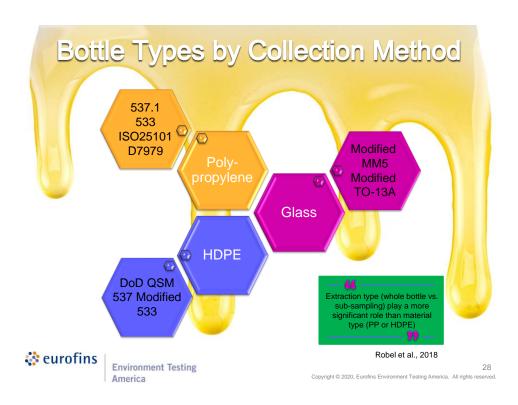








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29

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## CA Water Board - POTW PFAS Orders

## Treatment System Sampling

- Samples shall be representative and taken before the monitored flow joins or is diluted by any other waste stream, body of water, or substance
- 24 hr sample using a composite sampler is preferred however, there are challenges and limitations to prevent cross contamination so collecting a grab sample maybe better suited for the facility. An updated sampling guide will be available soon on the Water Board's PFAS website.
- · Influent samples shall be taken from locations prior to primary settling
- Effluent samples shall be taken following the completion of all treatment processes and prior to mixing with the receiving waters





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33