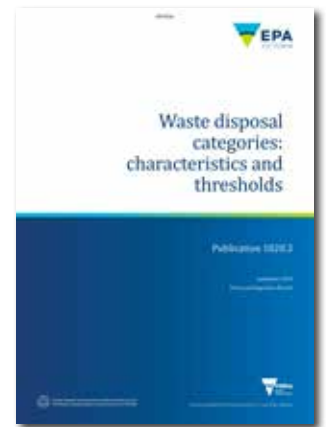


EnviroNote 1142 - November 2024

EPA Victoria 1828.3 Eurofins' Advanced Testing Suites

Introduction

The updated EPA Victoria Publication 1828.3 introduces stricter requirements for managing PFAS and other contaminants in waste and soil, reflecting the need to address their long-term persistence and potential risks to the environment and human health. With NATA-accredited methods and advanced technologies, Eurofins provides reliable solutions to help clients meet these enhanced standards with confidence. For any questions, please reach out to your Analytical Service Manager (ASM) or our Technical Team EnviroTechnical@eurofinsanz.com



Eurofins Analytical Suites for EPA Victoria 1828.3

Suite Code	VIC EPA 1828.3 SUITES
R38A	<p>VIC EPA 1828.3 Table 2 – Basic Suite (excluding TBT & EDTA)</p> <p>TRH, PAH, Phenols, OCP, PCB, HALVOL, BTEX, Styrene, MEK, HCB, Trichlorobenzenes (Total), DEHP, 2,4-DNT, Nitrobenzene, 2,4-D, Metals (Ag, As, Ba, Be, B, Cd, Cr, Cu, Hg, Mo, Ni, Pb, Sb, Se, Sn, Zn), CN (Total), CN (Amenable), Cr6+, HCHO, F, pH, PFAS (LL)</p>
R38B	<p>VIC EPA 1828.3 Table 2 – Extended Suite</p> <p>TRH, PAH, Phenols, OCP, PCB, HALVOL, BTEX, Styrene, MEK, HCB, Trichlorobenzenes (Total), DEHP, 2,4-DNT, Nitrobenzene, 2,4-D, Metals (Ag, As, Ba, Be, B, Cd, Cr, Cu, Hg, Mo, Ni, Pb, Sb, Se, Sn, Zn), CN (Total), CN (Amenable), Cr6+, HCHO, F, pH, EDTA, TBT, PFAS (LL)</p>
R38L	<p>VIC EPA 1828.3 Table 2 – Basic Suite (excluding TBT & EDTA) – ASLP</p> <p>ASLP prep followed by – PAH, Phenols, OCP, HALVOL, BTEX, Styrene, MEK, HCB, Trichlorobenzenes (Total), DEHP, 2,4-DNT, Nitrobenzene, 2,4-D, Metals (Ag, As, Ba, Be, B, Cd, Cr, Cu, Hg, Mo, Ni, Pb, Sb, Se, Sn, Zn), CN (Total), CN (Amenable), Cr6+, HCHO, F, Cl, I, NO2(as N), NO3(as N), PFAS</p>
R39A	<p>VIC EPA 1828.3 Table 3 Fill Material</p> <p>TRH, PAH, Phenols, OCP, PCB, 1,2,4-Trichlorobenzene, HCB, VOC, Metals (As, Cd, Cr, Cu, Ni, Pb, Hg, Ag, Sn, Mo, Se, Zn), Cr6+, CN, F, pH, PFAS (LL)</p>
R39A	<p>VIC EPA 1828.3 Table 3 – ASLP</p> <p>ASLP prep followed by – VOC, PAH, Phenols, OCP, PCB, Cr6+, Metals (As, Cd, Cr, Cu, Ni, Pb, Zn, Hg, Ag, Sn, Mo, Se), CN, F, PFAS</p>

Service Benefits

Reliable Compliance	Advanced Precision	Customisable Solutions	Timely Results	Environmental Responsibility	Expert Support
Meets EPA Victoria 1828.3 standards with NATA-accredited methods	Cutting-edge technologies like isotope dilution LC-MS/MS for PFAS	Tailored suites for diverse waste classification needs	On-time reporting to support regulatory deadlines	Supports sustainable waste management practices	Whole-of-life industry-leading technical expertise and guidance

Key Insights from EPA Victoria 1828.3

Understanding the Updated Standards

EPA Victoria 1828.3 outlines comprehensive requirements for managing waste containing PFAS and other contaminants. The focus is on improving environmental and health safety through stricter contaminant thresholds, effective categorisation, and advanced testing methodologies.

Critical Testing Areas

1. Contaminant Thresholds

- Broad pollutant analysis including PFAS (PFOS, PFOA, PFHxS), heavy metals, hydrocarbons, and organic pollutants ensures proper waste categorisation.

2. Leachability Assessment

- Advanced leaching protocols like ASLP (Australian Standard Leaching Procedure) determine the risk of contaminants migrating into groundwater.



3. Categorising Waste

- Assigning waste to Category A, B, C, or D based on contamination levels ensures appropriate disposal or treatment to minimise risks.



4. Soil Sampling Protocols

- Adherence to specific grid-based sampling strategies ensures accurate representation and regulatory compliance.

Eurofins' Role in Supporting Compliance



Comprehensive Analytical Capabilities

Eurofins delivers a wide range of analytical solutions tailored to meet the specific requirements of 1828.3, ensuring:

- Detection of critical PFAS compounds with precise techniques.
- Reliable classification of soil and waste materials for regulatory alignment.

Data and Reporting Excellence

- Integration-ready results for systems like EnviroSys and ESDAT.
- Transparent reporting formats to streamline compliance audits and decision-making.

Sustainability Focus

- Solutions designed to prevent long-term soil and water contamination.
- Commitment to reducing environmental impact through accurate identification and waste management guidance.

How We Simplify Your Compliance Journey

Eurofins supports clients in navigating the complexities of waste classification and disposal by providing:

- Expert consultation for interpreting test results.
- Flexible testing suites customised for specific project needs.
- Consistent, on-time reporting aligned with EPA standards.

For more details, visit the official [EPA Victoria 1828.3 resource](#).

Global Leader - Results You Can Trust



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Dedicated Analytical Service Manager



Continuously updated method



Locations across Australia

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