



Expert Witness

Independent Landfill Experts for Legal Practitioners

Australian Environmental Auditors (AEA) provides specialist expert advice in contaminated land, landfill and associated disciplines across the country.

AEA specialises in auditing and expert support with a rich history of projects throughout Australia and some of the highest technical expert professionals in the industry.

We are advantaged to have 8 regulatory-appointed/ accredited auditors across all states, backed by an in-house technical expert support team from various disciplines and qualifications, with CEnvP certification and a wide range of local and international experience.

Our team provides sensible and scientific environmental solutions with a similar objective to legal practitioners: to help protect human health and the environment by maintaining compliance with legislation while pursuing sustainable outcomes for our clients.

Expert Witness Services

AEA can provide landfill expert witness services due to our strong background in landfill gas management, landfill gas risk assessment (including development within landfill buffers), leachate management, hydrogeological assessment and knowledge of EPA regulatory requirements.

We employ sound, experienced technical expert support staff who have a thorough understanding of the most recent regulatory legislation, as well as having technical expertise in one or more science or engineering fields, coupled with on-the-ground implementation within the landfill industry.

Industry Experience

AEA works for a variety of stakeholders and has had significant experience with state/local government and major national/multinational landfill owners & operators, as well as property owners and developers.

We have excellent links to regulators, planners and international experts in landfill gas, leachate, hydrogeology, landfill engineering and risk assessment. Our technical specialists have demonstrated experience appearing as expert witnesses in court, the Victorian Civil Administrative Tribunal (VCAT) and Planning Panels Victoria.

Some scenarios where we have provided landfill expert advice/witness support for legal practitioners includes:

- Landfill gas risk assessment for developments within landfill buffers;
- Full site landfill gas risk assessment, hydrogeological risk assessment and amenity risk assessment for landfill expansion;
- Landfill clean-up and licensing disputes;
- Pollution abatement notice (PAN) disputes;
- Special expertise such as PFAS or asbestos;
- Interpretation of environmental monitoring or management systems performance data (e.g. landfill gas and leachate management and monitoring, groundwater impacts);
- Landfill functional stability (i.e. when a closed landfill no longer requires regulatory oversight); and
- Expert technical reviews for state regulators.



Our technical landfill experts

With several of our auditors possessing over 30 years' experience and all of our specialists possessing over 15 years' experience, AEA's auditors and experts are honest, pragmatic and accomplished in all areas of landfill-related environmental issues.



Charlie Barber | Managing Director & Principal Auditor

BSc Geology, CEnvP SC

30+ professional years

- Landfill operations
- Landfill engineering & management
- Landfill & ground gas investigations
- Contaminated sites management
- Soil & groundwater remediation
- Geology & hydrogeology

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Jean-Paul Pearce | Auditor

BEng (Hons) (Civil & Environmental), CEnvP SC

20+ professional years

- Risk assessment
- PFAS management
- Landfill engineering & management
- Vapour intrusion
- Fate & transport modelling
- Contaminated sites remediation
- Environmental planning
- Groundwater dewatering

✉ jpearce@envaud.com.au



Stuart Thurlow | National Landfill Business Manager

BSc (Hons)

20+ professional years

- Landfill gas assessment
- Landfill operations
- Landfill engineering & design
- Leachate management & monitoring
- Landfill restoration & aftercare
- Environmental monitoring & compliance

✉ sthurlow@envaud.com.au



Nick Simmons | Principal Technical Specialist - Landfills

BSc Geography (Hons)

16+ professional years

- Landfill gas management & monitoring
- Landfill operations
- Landfill gas risk assessment
- Landfill hot spot detection and remediation
- Hazardous ground gas & vapours (carbon dioxide and methane)
- Hydrogeological assessment
- Landfill rehabilitation & aftercare
- Leachate management & monitoring
- Developments surrounding landfills (operating and closed)
- Developments on closed landfills

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Please contact our offices to speak with an auditor or technical assistant about your expert support needs.

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