



# Landfill Auditing

## Auditing and Expert Technical Advice at New, Expanding, Operational and Closed Landfill Sites

Landfill is an important part of Australia's waste management infrastructure. The siting, management and rehabilitation of landfill sites requires a high level of design and management to ensure that the environment and community is protected and aspirations are met.

Regulatory authorities have to varying degrees developed state specific landfill guidelines to assist landfill owners and operators with design and rehabilitation of landfill sites; ongoing environmental management, day to day operation and long term aftercare.

Australian Environmental Auditors (AEA) has a strong team of DWER accredited environmental auditors and technical experts across the country, including one of Australia's foremost landfill gas experts available in-house to clients.

Our extensive experience has shown that states, councils, independent owners and operators are increasing their diligence in design, operation and management through compliance with raising legislative and industry standards. As well as communities becoming more engaged in the environment and more active in opposing landfill sites.

Some common issues at current and former landfill sites may include: landfill gas, leachate, progressive rehabilitation, stormwater, groundwater; as well as noise, odour and dust.



### Landfill Services

Landfill operators must demonstrate that their operation is in compliance with their licence. To assist in meeting these requirements, AEA offers the following landfill services:

- Landfill operations audits
- Construction design verification of new cells
- Construction design verification of capping and rehabilitation
- Construction quality assurance audits of new cells
- Construction quality assurance audits of capping and rehabilitation
- Hydrogeological assessments verification
- Environmental monitoring program verification
- Aftercare management plan verification
- Rehabilitation plan verification
- Risk assessment review
- Landfill gas and leachate management, control and assessment
- Landfill gas and leachate extraction systems
- Landfill operations, management and advisory support
- Expert witness



## Landfill Experience

With extensive experience in all states and internationally, AEA can assist with new, expanding, operational or closed landfill management issues, including advice, verification of various reports and statutory auditing services.

With over 10 years in landfill auditing roles and over 20 in landfill operations and aftercare, along with the related environmental management, including landfill gas and leachate assessment and reporting, and construction of new cells, rehabilitation and capping, our thorough understanding of landfill allows us to maintain compliance with legislation while pursuing sustainable development.

AEA has a rich history of small to large scale projects, and is able to cater to projects of any size. We are confident in our ability to provide pragmatic, timely and cost effective auditing and technical services.



## AEA Value & Delivery

AEA has an established company structure with experienced technical, administrative and editing staff to provide in-house support for our appointed/ accredited auditors and technical experts. We have developed and refined procedures for the efficient delivery of projects.

We provide high level advisory services due to our strong background in landfill assessment, operation, remediation and management.

As a pure auditing and technical expert company we do not compete with environmental consultants in any assessment, design or remediation work.

AEA follows an open communication approach and is readily available to discuss the progress and development of projects with its stakeholders from beginning to end.



**Phil Hitchcock**  
DWER Accredited Auditor

*phitchcock@envaud.com.au*  
08 8223 3488



**Charlie Barber**  
DWER Accredited Auditor

*cbarber@envaud.com.au*  
03 8542 7500



**Nick Owen**  
DWER Accredited Auditor

*nowen@envaud.com.au*  
03 8542 7500



**Peter Alderson**  
DWER Accredited Auditor

*palderson@envaud.com.au*  
08 6268 0181



**Shandel Coleman**  
WA Manager  
Principal Audit Assitant

*scoleman@envaud.com.au*  
08 6268 0181



**Stuart Thurlow**  
Landfill Business Manager  
Principal Audit Assistant

*sthurlow@envaud.com.au*  
03 8542 7500