ADE Consulting Group is a leading provider of Environmental, Geotechnical and Occupational Hygiene services with over 20 years’ experience providing clients with practical solutions through the successful integration of industry experience, innovative practices and technical excellence. Our services are tailored to our client’s objectives and goals in accordance with relevant legislation, guidelines, and industry best practice.

ENVIRONMENTAL SERVICES

First offering Environmental Services in 1997, ADE has grown significantly to offer extensive capabilities to our clients. ADE has assisted our clients to meet regulatory requirements as well as providing innovative solutions to save time and money for all project sizes. ADE’s strong team of consultants are backed by our in-house environmental laboratory, allowing us to provide a one stop shop for your project’s environmental needs.

Our Environmental services include:
- Stage I - Preliminary Site Investigations (PSI)
- Stage II - Detailed Site Investigations (DSI)
- Stage III - Remedial Action Plans (RAP) Assessment
- Stage IV - Validation and Site Monitoring (VAL)
- Site Remediation Assessment and Action Plans
- Water Supply Investigation Analysis
- Soil Vapour And Landfill Gas Assessment
- Environmental/Contaminated Site Assessment and Management
- Environmental Audits
- Waste Classification and Analysis
- Acid Sulphate Soils Site Investigation & Assessment
- Air Quality Testing and Analysis
- Underground Petroleum Storage Systems (UPSS)
- Overall Project Management
- Environmental Governance and Reporting
- Groundwater Quality Assessments and Analysis

GEOTECHNICAL SERVICES AND ENGINEERING

ADE hosts a highly skilled and motivated professionally qualified Geotechnical Engineering Team with 75+ years’ combined working experience in global markets. ADE offers a diversified portfolio of integrated services for Infrastructure companies — from planning, geotechnical data acquisition, data interpretation and innovative foundation designs. Our flexible, solutions driven approach allows us to deliver timely, high quality services to our clients, tailored to their unique project objectives.

Our Geotechnical Engineering capabilities cover the following:

GEOTECHNICAL INVESTIGATIONS
Includes desktop studies and walk over surveys and planning, management, factual and interpretative reporting of intrusive ground investigations in accordance with AS1726-2017.

LABORATORY TESTING
NATA accredited geotechnical and construction materials sampling and laboratory testing of rocks, soils, concrete, construction, asbestos containing materials (ACM) (Compaction and CBR tests only) and thermal resistivity testing.

CONSTRUCTION SUPPORT
Including Level 1 and 2 Geotechnical Inspection and Testing per AS3798-2007; Dynamic Cone Penetrometer (DCP) Testing; Pile platform and crane pad assessments and design; Pile construction verification and bearing capacity assessments; Earthworks proof rolling and ground improvement assessments; Vibration monitoring and dilapidation reporting; and Plate Load Testing (PLT).

GEOTECHNICAL INTERPRETATION, ANALYSIS AND DESIGN
Including concept and detailed geotechnical designs and specifications for structure foundations; slope and excavation stability; earthworks and drainage; groundwater control and retaining walls; ground movement and liquefaction assessments; ground improvement designs; independent design review and verification.
ASBESTOS

ADE is a recognised leader in Asbestos testing, identification, management and Clearance with our Licensed Asbestos Assessors in the field and own NATA-accredited laboratory. We professionally respond to urgent situations and, when required, provide clients with fast and efficient results. We also offer a monitoring and supervision service by our highly qualified, trained and appropriately licensed Consultants for all Asbestos removal works, 24 hours a day, 7 days a week, if required.

ADE can conduct the following services:

- Asbestos Inspections, Risk Assessments and Asbestos Clearances
- Asbestos Air Monitoring
- Personal Asbestos Monitoring
- Asbestos Fibre Identification
- Management of Hazardous Materials Remediation
- Overall Project Management from Estimation through to Implementation and Clearance
- Preparation of Asbestos Management Plans (AMP)
- Preparation and review of Asbestos Removal Control Plan (ARCP)
- SEM/EDS analysis of samples
- Enclosure smoke tests
- Asbestos Emergency contamination assessment and make safe
- Asbestos Awareness training

OCCUPATIONAL HEALTH AND SAFETY

Our highly qualified team of Occupational Hygienists have ample experience undertaking Occupational/Industrial Hygiene Investigations throughout Australia for a wide variety of clients and projects, providing valuable expert support and advice to any project.

Our capabilities extend to:

- HAZMAT and Hazardous Materials Management
- Microbiological Investigation, Monitoring and Clearance
- Lead and Asbestos Assessment, Monitoring during Removal, Management and Clearance
- Inhalable and Respirable Dust and Silica Awareness, Monitoring and Assessment
- Chemical Exposure, Vapour, Fume and Mist Assessments
- Indoor and Outdoor Air Quality Testing
- Assessment of Plant/Equipment Emissions
- Occupational Hygienist Supervision
- Noise and Vibration Assessment and Monitoring
- Health Risk Assessments
- Environmental & Personal Exposure Monitoring
- Respiratory Equipment Fit Tests
- Project Management

With offices in Sydney, Brisbane, Melbourne and Newcastle, ADE continues to expand, with a dedicated and collaborative team providing tailored solutions to clients through the successful integration of technical excellence and a practical approach.
ENVIRONMENTAL AND GEOTECHNICAL DRILLING

Our enthusiastic Drilling Team undertake a wide variety of drilling works for a diverse range of clients and projects throughout Sydney and NSW. Using a range of drilling equipment including our Dynamic Comacchio 205 drilling rig, our Drilling Team have gained a reputation for providing high quality and accurate soil and water samples to clients as well as undertaking thorough geotechnical explorations and assessments. Our Drilling Team are also licensed and trained to install groundwater monitoring wells.

Our capabilities extend to:

- Rotary Core Drilling
- Hollow Stem Auger
- Solid Flight Auger
- Borehole Logging
- Well Repair
- Diamond Coring – NLMC, HMLC
- Rotary Mud Drilling
- Undisturbed Sampling (U50, U75)
- Standard Penetration Test (SPT)
- Push Tube Sampling
- Well Decommissioning
- Groundwater Monitoring Wells
- Inclinometer Installations
- Soil Vapour Extraction Wells

SYDNEY LABORATORY SERVICES

ADE’s in-house NATA accredited laboratory provides tangible benefits and savings for our clients by reducing turnaround times and prioritising analysis. By eliminating the dependence on third party laboratories, our current clients experience significant cost and time savings. Our NATA accredited laboratory is accredited to ISO 17025, and is capable of undertaking Asbestos, Chemical and Construction Materials Testing (CMT).

Our capabilities extend to:

- Paints and related surface coatings
- Waters, Soils and Sediments
- Leachate Procedures
- Workplace environment, occupational exposure and hazards (asbestos fibre counting, fibre identification, volumetric measurement (air), analysis of dust and swabs & assessment of lead)
- Asbestos in soil
- Construction Materials Testing
- Residues and contaminants in the environment (heavy metals, pesticides, polychlorinated biphenyls, petroleum hydrocarbons, monocyclic hydrocarbons, aromatic hydrocarbons and polycyclic hydrocarbons.)
AUSTRALIAN CONTAMINATED LAND CONSULTANTS ASSOCIATION (ACLCA)

ADE is a proud member of the Australian Contaminated Land Consultants Association – the peak representative group on contaminated land issues, with only 25 ACLCA memberships granted in NSW.

ACLCA facilitates better contaminated land outcomes for the community, the environment and business through the promotion of world-class, best practice assessment and remediation.

ACLCA provides a forum whereby members can develop, discuss and respond to issues facing the sector as well as establish and maintain a strong working relationship with regulatory authorities and other related agencies.

ALGA

Australasian Land and Groundwater Association strives to ensure that Australia and New Zealand lead the world in the sustainable management and remediation of contaminated land and groundwater.

ALGA promote the protection, restoration and management of land and groundwater for the benefit of human health and the broader environment through facilitating and encouraging idea sharing, improving education across the field and encouraging research that will advance the assessment, sustainable management and remediation of contaminated land and groundwater.

NATA

The National Association of Testing Authorities Australia (NATA) is the organisation in charge of the accreditation of laboratories, inspection bodies, calibration services, producers of certified reference materials and proficiency testing scheme providers across Australia.

NATA provides independent assurance of technical competence through a proven network of best practice industry experts for customers who require confidence in the delivery of their products and services.

ADE is constantly expanding its scope of methods of analysis, which are accredited by NATA. Our facilities for Asbestos, Chemical and Construction Material Testing comply with the requirements of ISO/IEC 17025.

A full list of Sydney Laboratory Services NATA Accreditation is available at: www.nata.com.au
ADE WH&S POLICY
At ADE, we recognise our moral and legal responsibility to provide a safe and healthy working environment for our employees and the general public. ADE is responsible for providing the means to enable every employee to work safely, according to the requirements of Australian law. ADE’s OH&S Management System has been audited by QMS Certification Services and is certified in accordance with AS/NZS 4801:2001.

ADE ENVIRONMENTAL POLICY
We are committed to environmental protection and conduct our business in a matter that protects people and their environment.
ADE’s Environmental Management System is certified to ISO 14001:2015 and aims to achieve this throughout its operations by:

- Minimising the environmental impact of our operations;
- Encouraging reduction, reuse and recycling in all our activities;
- Purchasing products that are environmentally friendly from suppliers who respect the environment; and
- Reporting regularly to our directors, shareholders, employees and the public on our environmental status and performance.

ADE QUALITY POLICY
ADE continually strives to produce and deliver products and services that consistently conform to, or exceed, our client’s expectations. Our stated Quality Policy pursues continuous improvement in all our systems and processes as our means of achieving preferred supplier status.
Improvement will be achieved through our commitment to our integrated management system which complies with ISO 9001, ISO 17025, AS/NZS 4801 and ISO 14001 standards.
Our Quality Management Policy undergoes periodic auditing to ensure compliance and has been certified by QMS Certification Services and in accordance with ISO 9001:2015.
At ADE, we recognise that our clients value Responsiveness, Quality and Transparency and we aim to exceed these expectations by minimising the financial impact of these services through the implementation of proactive, client-specific and practical recommendations. Some of the major clients and projects that ADE has worked with include:

### ADDITIONAL SERVICE

**PIPELINE CONDITION ASSESSMENTS (PCA)**

A division of ADE, our specialised PCA team have over 20 years of experience supplying pipeline inspection and condition assessment services across Australia and Asia.

To date, PCA have been responsible for the investigation of more than 4000km of water mains, using a range of techniques and methodologies including LPR soil testing (SoilCorr), RFT Mainscan®, RFT Hydroscope®, Pipeline Coating Survey (PCS), ultrasonic thickness (UT) and EnviroStat and PipeFail algorithms.

[ pca-water.com ](http://pca-water.com)
For more information regarding our services, please contact our team.

Contact Us
1300 796 922
info@ade.group

Offices in:
Sydney      Unit 6 / 7 Millennium Court, Silverwater NSW 2128
Melbourne  Unit 4 / 95 Salmon Street, Port Melbourne VIC 3207
Newcastle  Unit 9 / 103 Glenwood Drive, Thornton NSW 2322
Brisbane   Unit 3 / 22 Palmer Place, Murarrie QLD 4172