

# CAPABILITY STATEMENT

PROTECTING HEALTH  
& THE ENVIRONMENT  
THROUGH SCIENCE &  
TECHNOLOGY

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# CORE COMPETENCIES

We have a multi-disciplinary scientific team with a broad project understanding and solutions for almost all project challenges.

**Regional EnviroScience is completely professional and pragmatic – the team is focused on achieving sustainable solutions to your workplace or environmental issue, to specification, on time and on budget.**



Regional EnviroScience is a hazardous materials and environmental management consultancy, including an in-house NATA accredited laboratory, and dedicated R&D team based strategically in regional Australia.

EnviroScience’s speciality is the identification, monitoring, and management of contaminants and hazardous materials in water, air and materials. We help you comply to regulations now and into the future with a completely pragmatic approach, including use of the latest technologies for productivity and accuracy.

We work with government, commercial and universities who look to us for the highest level of technical and scientific skills, a professional and confidential approach, and our vision to invest and undertake research into the IoT including live sensing network solutions to improve productivity and real-time worker safety.



**WE WORK WITH ISSUES INVOLVING:**  
ASBESTOS • DUST • CHEMICALS • MOULD & FUNGI • BACTERIA  
METH LABS • AIR • WATER & SOIL QUALITY • FAUNA & FLORA

## TECHNICAL

Competent in an extensive range of site complexities, especially those unique to regional Australia. Skills include health risk and exposure assessments, hazardous materials, monitoring, registers and management plans.

## R & D

Research & investment in IoT including live sensing network solutions to improve productivity and real-time worker safety.

## SITE SPECIFIC TRAINING

Worksite, workshop and online training in hazardous materials, including asbestos awareness training.

## SERVICE

We have 24/7 availability and our 25 full-time employees are quickly mobilised being strategically located within regional NSW, QLD & VIC.

## ACCREDITATION

We have our own in house NATA laboratory services for quick and confidential results and are ISO 14001, ISO 9001 and AS NZS 4801 accredited.

## CULTURAL

Our solutions orientated methodology means we are practical in our approach, delivering results that align with site usage and are within budget and time constraints.

# WHY CHOOSE ENVIROSCIENCE?

Regional EnviroScience is committed to helping keep people and the environment safe from hazardous substances. With practicality and client goals at the forefront, we deliver projects with an innovative, progressive and problem-solving approach, promoting seamless interaction with client teams.



## 24/7 Service

24/7 service – based in five strategic locations to cover regional NSW and south-east QLD – Dubbo, Orange, Wagga, Tamworth and Maroochydore – quick to respond and deploy teams.



## Regionally Based

As a regionally based firm, we have a solid understanding of the challenges and expectations of rural and regionally based organisations and clients who are dealing with sensitive issues.



## Training For Your Team

We offer both face to face and online asbestos awareness training including record keeping, so you can ensure both you and your contractors meet legislative requirements.



## Qualified Team

Trained, qualified and experienced team who listen to the client's needs and add value to the directive. Our team are personable, clearly identified and helpful in their approach.



## Training & Development

Staff are professionally developed as part of our ongoing business objectives and maintain membership and accreditation with professional organisations and associations.



## Research Partners

Research partners with Sydney University (Asbestos Diseases Research Institute, Sydney Medical School) and University of New South Wales (School of Materials Science and Engineering) in product development.



## Innovation

We deliver innovative solutions to asbestos management, including our online documentation portal for clients' convenience.



## NATA Laboratory

We have our own National Association Testing Authorities (NATA) accredited laboratory for specific laboratory procedures - the highest standard in Australia.



## Mobile Laboratory

Our laboratory is mobile so we can provide results quickly for safety and to minimise (if any) downtime.



## Our Own Equipment

We own, maintain and calibrate the majority of our testing equipment ensuring accuracy and confidence in results.



## Accredited Systems

EnviroScience has ISO accredited quality, environment and WHS systems.



## Fully Equipped

Field staff are supplied with fully maintained and stocked vehicles ensuring reliability, compliance, and the highest standards delivered on-site.



## Risk Expertise

Experts in evaluating and managing risk and delivering innovative strategies to meet regulatory and legislative requirements.



## New Technology

Investment and research in the IoT including tailored live sensing network solutions for our clients.

# INTRODUCING OUR FIELD TEAM



**Ken Archer**  
MAIMS FACBS MASM

Ken is a Medical Scientist with 40+ years' experience, previously in charge of Orana Pathology at Dubbo Hospital, and has brought his wealth of knowledge to EnviroScience ensuring the appropriate standards of quality systems and controls in operations and the laboratory.



**Jeff Sargent**  
BAppSc AACB MASM

Jeff is a Medical Scientist who previously worked at the Orana Pathology where he was in charge of two departments, Biochemistry and Microbiology. These two disciplines bring a wealth of experience to Jeff's role at EnviroScience, especially in mould, bacterial assessments and water testing.



**Wayne Sibley**  
DipMechEng

Wayne is a Senior Occupational Technician and Licensed Asbestos Assessor, running operations from the Dubbo office. Wayne comes from a mechanical engineering background and holds a Diploma of Engineering Studies.



**John Bartholomew**  
BAppSc CertOHSProf.SIA MAIOH

John majored in Occupational Health and Environment and is a Certified OHS Professional with the Safety Institute Australia. John has worked in multi-disciplinary environments including consulting and operational positions in state government, mining, construction and the agriculture sectors.



**John Lucas**  
DipAppSc

John is the Riverina Manager and a Licensed Asbestos Assessor. He has worked in the occupational hygiene industry for many years in both Sydney and Toronto, Canada. John has extensive experience in agricultural research, site management and asbestos assessment and also heads up our technology projects.



**Gemma Murphy**  
BSc (Geosciences)

Gemma is a Licensed Asbestos Assessor with a background in the Geotechnical and Environmental fields. Her experience extends to asbestos (including naturally occurring asbestos), noise and environmental projects including project management.



**Juliet Duffy**  
MSM (USYD) MAICD  
2018 NSW Regional Woman of the Year  
2018 AFR 100 Women of Influence

Juliet is the founding director of Regional EnviroScience and holds a Master of Sustainable Management. Juliet has been managing Asbestos, hazardous materials and environmental issues since 1988, when the first National Code of Practice for Asbestos was implemented. An advocate for regional Australia and women in STEM, Juliet is also considered an expert in the field of naturally occurring asbestos and is a sought-after speaker at industry conferences nationally and internationally and she frequently travels the state educating government organisations, including councils on management of this issue.

A multi-disciplinary scientific team with a broad project understanding and solutions for most project challenges.



**Barry Alston**  
AssocDipAcc

The Senior Field Technician and Manager of the Tamworth branch, Barry has extensive management experience, is a Licenced Asbestos Assessor, has completed the British Occupational Hygiene course and trained through Greencap on asbestos identification and handling.



**David Abbott**  
BApp Sc(Land Science)  
Dip AppSc(Biotechnology)

David has extensive experience in public policy, project management and government relations, particularly in the resources sector. He has a strong background in stakeholder engagement, Indigenous community relations and partnership building.



**Natalie Richards**  
BSc(Hons) MRACI CChem

Natalie is a environmental consultant with a focus on contaminated sites and waste. She has worked in a contract laboratory. Having completed a diverse range of on-site environmental investigations, Natalie combines this technical versatility with strong communication skills.



**Michael Williamson**  
BGeoSc

Michael brings to EnviroScience over seven years of practical farming experience, soil science and GIS mapping skills with administrative and project management capabilities. Michael is a Licensed Asbestos Assessor, performing a range of on-site technical duties and remediation supervision roles.



**Danielle Sykes**  
BSc (Hons)

Danielle holds a degree in Biology, specialising in Microbiology. She brings several years' experience within a biology-based laboratory and administration. Danielle is a Licensed Asbestos Assessor, performing a range of onsite technical duties, including asbestos and hazardous materials surveys.



**James Cleasby**  
Dip EnvHlthBldgAssmnt

James is an experienced environmental health and building surveyor having spent several years in local government undertaking DA assessments, routine health inspections and environmental pollution investigations, completing building approvals and managing waste depot operations. James works on the QA systems at EnviroScience.

## DIVERSITY & INCLUSION

At EnviroScience we are proud of our diverse team. We offer regionally based career opportunities for young and mature-aged workers, men and women, in the fields of science, technology, engineering and maths (STEM). We are passionate advocates for women (in STEM), driven by Director Juliet Duffy and our field team of women science graduates.



**Adam Stubenrauch**  
AdvDipLabOp DipLabTech

Based at our Wagga office, Adam has significant skills and experience in geotechnical investigations & engineering, environmental services, and construction materials testing for projects encompassing road, rail, port and quarry, operations in line with Australian, RMS and ISO standards.



**Noellie Bourdoiseau**  
BPCN AssEnBi

Noellie is an experienced environmental project manager with expertise in soil and underground water remediation and rehabilitation, particularly in the areas of hydrocarbon and chemical pollution. Noellie is based in our Wagga office, providing high level contaminated site expertise to the team.

# HOW WE HELP

 Consultation	 Site Assessment	 Stockpile Assessment	 Project Management	 DA Investigation	 Pollution Incidents
 Change Of Land Use	 Dust & Noise Monitoring	 Vibration Monitoring	 Asbestos Air Monitoring	 Highway Corridor	 Contaminated Sites
 Flora & Fauna	 Naturally Occurring Asbestos	 In River Projects	 Heritage	 Risk Assessment	 Waste Classification
 Site Training	 Meth Lab Assessment	 Site Remediation	 Industrial Site Remediation	 Stockpile Measurement	 Asbestos Awareness Training

## NATURALLY OCCURRING ASBESTOS

Regional EnviroScience are industry-recognised experts in the identification and management of naturally occurring asbestos (NOA). High risk NOA areas are located in all states of Australia.



## EXPERIENCE

\$10+ MILLION PROJECTS 

25 STAFF MEMBERS 

10 YEARS OPERATION 

20,000 PROJECTS 

1,271 TRAINED IN ASBESTOS AWARENESS 

8,184 SITE INSPECTIONS FOR HAZARDOUS MATERIALS 

36,104 SUSPECT SAMPLES TESTED FOR ASBESTOS 

## ASBESTOS AWARENESS TRAINING

Online and face to face Asbestos Awareness Training Course designed and delivered by the experts in keeping people safe from asbestos hazards. Suitable for all levels of staff, contractors and community.

We work daily to help keep people and the environment safe from hazards including asbestos. This means we are completely up to date with the necessary legislation, technology breakthroughs and emerging threats (e.g. Asbestos Imports) as they apply in real life situations.

Our Asbestos Awareness online course is continuously updated to reflect ongoing developments in our industry. We are not a training company but a trusted partner who helps clients manage asbestos exposure and risk. We simply believe we have the most in-depth content, presented in an easy to follow and comprehend format.

# PROJECTS

<p><b>CONTAMINATED SITES</b></p> <p>Phase-one site contamination reports for a broad range of contaminants including pesticides, herbicides, hydrocarbons, heavy metals and acids, PCBs, chemicals, in-river concreting, asbestos brakes, bacteria, mould and fungal contamination and clandestine laboratory chemicals.</p>		<p><b>NATURAL ASBESTOS</b></p> <p>Naturally occurring asbestos compliance project management, airborne asbestos air monitoring for naturally occurring asbestos abatement, roadworks, dam upgrades, water pipeline installations, NBN, agricultural and forestry ground disturbance.</p>
	<p><b>STOCKPILE MEASUREMENT AND ANALYSIS</b></p> <p>Using technology to determine accurately size and composition of stockpiles for appropriate sampling plans and testing requirements.</p>	
	<p><b>ASBESTOS SITE MANAGEMENT</b></p> <p>Hazmat reports for Western Catholic Schools, Mary Mackillop offices in Western NSW, numerous regional councils and police stations undergoing refurbishment works. Asbestos site management for private and commercial property, directly and through real estate agents.</p>	<p><b>ASBESTOS BUILDING REGISTERS</b></p> <p>Asbestos audits, work specification development, compliance project management, monitoring and validation within the buildings of the Tamworth, Bingara, Dubbo, Wagga, Forbes, and Gulgong Hospitals. Numerous asbestos building registers for commercial and residential properties.</p>
<p><b>ASBESTOS AWARENESS TRAINING</b></p> <p>Face to face and online asbestos awareness training for frontline staff, supervisors, management and directors of government and commercial organisations, including tier 1 contractors. Over 1000 people trained.</p>		

	<p><b>LEAD IN SOILS</b></p> <p>Lead based paint works for Bourke Heritage Government Offices building, Wellington and Dubbo Councils and Harden Hospital including project scope, air monitoring and lead clearance sampling and certification.</p>	
<p><b>MOULD REMEDIATION</b></p> <p>Ascertain the taxa and concentrations of fungi present both indoors and outdoors of several properties, and compare and report the results to health standards to determine safety for human habitation.</p>	<p><b>METH LABS</b></p> <p>Clandestine (Meth) lab diagnosis, remediation and clearance including rental properties, commercial properties and housing stock for a wide range of regional property managers.</p>	
		<p><b>CLEAN AREA CLEARANCE</b></p> <p>Several new operating theatre suites in regional NSW Health sites have used EnviroScience to provide a cleanliness and microbiological background assessment for airborne bacteria, fungal and dust particles, prior to commissioning.</p>
<p><b>DUST &amp; SILICA MONITORING</b></p> <p>Dust monitoring for mining, roadworks and other soil disturbance. Developing strategies to reduce incidence of dust in operations without affecting productivity.</p>		

# ASBESTOS AT WORK – YOUR RESPONSIBILITIES

Asbestos was once used in Australia in more than 3000 different products, and breathing in asbestos fibres can cause asbestosis, lung cancer and mesothelioma.

If asbestos fibres are in a stable material, such as fibro, they pose little health risk. However, when the fibro is damaged or disturbed in some way, fibres can become loose and airborne, and pose a risk to someone's health. There are specific laws about working with asbestos. Here is a summary provided by Safework:

## WORKING WITH ASBESTOS

Don't allow workers to work with asbestos, except under prescribed circumstances or until they are properly trained. Also, make sure the exposure standard for asbestos is not exceeded.

More information, visit [asbestosawareness.com.au](http://asbestosawareness.com.au) or call 1800 Asbestos (1800 272 378).

## FIND ASBESTOS IN THE WORKPLACE

Get a licensed asbestos assessor, to inspect your workplace for asbestos. If unsure whether it is present, assume it is. If necessary, have a sample checked by a NATA-accredited laboratory. Once identified, make sure all asbestos is clearly labelled.

## KEEPING AN ASBESTOS REGISTER

If your workplace was built before 31 December 2003, you must keep a register that outlines when and where asbestos has been located, what type it is, and what condition it's in. The register should be available to anyone involved in work at the workplace.

## PREPARE AN ASBESTOS MANAGEMENT PLAN

If asbestos has been identified at your workplace, you must prepare and maintain an asbestos management plan, which is reviewed at least every five years or when requested by a health and safety representative or if the asbestos is removed, disturbed, sealed or enclosed. The plan must be available to anyone involved in work at the workplace.

## MONITOR WORKERS' HEALTH

You must provide and pay for health monitoring for all those working with, or exposed to, asbestos.

## TRAIN WORKERS

Your workers must be trained in identifying and handling asbestos safely, and understanding suitable control measures.

## WHAT NOT TO DO

When you're working on or near asbestos, you must not use high-pressure water sprays or compressed air – and you must control the use of power tools, brooms or anything else that might release asbestos into the air.

# FOUND ASBESTOS? HERE'S WHAT TO DO

Many asbestos exposures in the workplace happen when workers unintentionally disturb asbestos. In the event of a significant disturbance or unexpected find of suspected asbestos, the following steps should be undertaken:

1. Stop work, vacate the immediate area and alert others.
2. Isolate the area and restrict access, ideally with a 10m exclusion zone.
3. Signpost the exclusion zone with asbestos warning signs or similar.
4. Contact Regional Enviroscience 1300 372 436 to assess the area, test the material and provide clear management recommendations.
5. Air monitoring with testing conducted by a NATA accredited laboratory is the only way to answer the question "Have I been exposed to asbestos fibres?"
6. Removal of the material by a licensed removal contractor working in accordance with Regional Enviroscience recommendations.
7. Clearance inspection after the clean-up and before reoccupation to ensure the area is asbestos free and safe to reoccupy.



**STOP WORK,  
VACATE AND ALERT**



**ISOLATE AND  
RESTRICT ACCESS**



**SIGNPOST**



**CONTACT REGIONAL  
ENVIROSCIENCE**



**AIR MONITORING**



**REMOVAL**



**CLEARANCE INSPECTION**

**DO NOT REMOVE IT**  
**DO NOT WET IT DOWN**  
**DO NOT WALK THE  
MATERIAL AROUND  
ON BOOTS**





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