



Capability Statement

Northstar Air Quality is an Independent and Innovative Specialist Air Quality Practice



Northstar Air Quality Pty Ltd

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www.northstarairquality.com



Northstar Air Quality was founded in 2016 to provide an independent and innovative specialist Air Quality, Climate and Environmental Risk practice. Our mission is to become your preferred air quality service partner, and we deliver the following:

- Collaboration** We have a commitment to nurturing a **positive and effective working relationship** that is built on **client focus**, professional **integrity**, mutual **trust** and **collaboration**
- Innovation** We bring an **attention to detail** and the provision of **innovative solutions** to the reporting of information
- Accountability** We develop **key performance indicators** relating to quality, cost, time and communication, which we publish on our website

We offer expert air quality services for direct client commissioned work, and offer a specialist project delivery partnership for lead consultants forming multi-disciplinary teams, without creating any conflict of interests with the role of lead consultant.

Agribusiness



- Fugitive dust and odour management
- Complaint investigation and resolution
- Impact assessment for intensive agriculture
- Food and beverage processing

Property



- Opportunities and constraints reporting
- Early planning advice
- Local power and waste planning
- Traffic emissions

Energy



- Process due diligence
- APC specification
- Greenhouse gas benchmarking
- Regulatory compliance

Resources & Waste



- Waste management facilities
- Mining and extractive processes
- Dust mitigation design
- Odour management and control

Transport & Infrastructure



- Road traffic exhaust emissions
- Multi-modal impact assessment
- Shipping and aircraft emissions
- Infrastructure developments

Industry



- Industrial emissions control
- Air pollution evaluation
- Plume rise
- Regulatory and compliance advice



Services

- Air quality impact assessment
- Dispersion modelling studies
- Environmental risk management
- Computational fluid dynamics
- Ambient air quality and meteorology
- Preliminary hazard assessment and risk assessment
- Indoor & occupational exposure
- Process & air pollution control review
- Greenhouse gas assessment
- Climate change adaptation
- Expert testimony & witness
- Peer review & editorial services
- GIS, CAD, data analysis & mapping
- Odour & dust management
- Air quality research & data management



Gary Graham

BSc(hons), MSc, CSci, CEnv, CWEM

Director / Principal AQ Scientist

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Gary is an expert in the field of air quality, with more than 25 years of experience in delivering projects in Australia, Asia and Europe.

He is committed to the improvement of air quality and holds Certified Air Quality Practitioner (CAQP) status through the Clean Air Society of Australia and New Zealand (CASANZ).

Gary has substantial experience in undertaking peer reviews of technical reports, and delivers expert testimony and witness work across Australia.



Dr Martin Doyle

PhD, BSc(hons), AAQual

Director / Principal AQ & GHG Scientist

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Martin is a highly experienced air quality and greenhouse gas scientist with experience spanning more than 15 years.

Prior to moving to Australia in 2006 to work in the private consultancy sector, Martin worked in the UK for five years in the academic and public consultancy sectors.

Martin is an Accredited Professional of CASANZ and holds a PhD in air quality meteorology.



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