

AIR QUALITY

Specialist Services



INTRODUCTION TO WILKINSON MURRAY

Wilkinson Murray is a multidisciplinary consultancy providing services in acoustics, air quality and environmental monitoring.

Our air quality team works closely with clients, planners, architects and engineers to provide a comprehensive approach to projects. The team is particularly experienced in assisting developers to obtain consent for a variety of development types and our technical strength allows us to provide effective solutions to planning problems, whilst safeguarding the interests of our clients.

There is a diverse range of personnel working within the Wilkinson Murray group, primarily including engineers and scientists.

All technical personnel are highly trained professionals with experience extending up to 30 years, and individuals have developed tailored / targeted skills relating to specific types of projects.

With offices in Sydney, the Hunter, Wollongong, Orange, Queensland and Hong Kong, Wilkinson Murray services the entire Asia-Pacific region. Our Hong Kong office is responsible for projects in Hong Kong, mainland China, Taiwan, Vietnam, Thailand, Malaysia, Singapore and India with the Sydney, Hunter, Wollongong, Orange and Queensland offices being responsible for services Australia-wide.

SPECIFIC EXPERTISE

Air Quality, Odour and Greenhouse Emissions

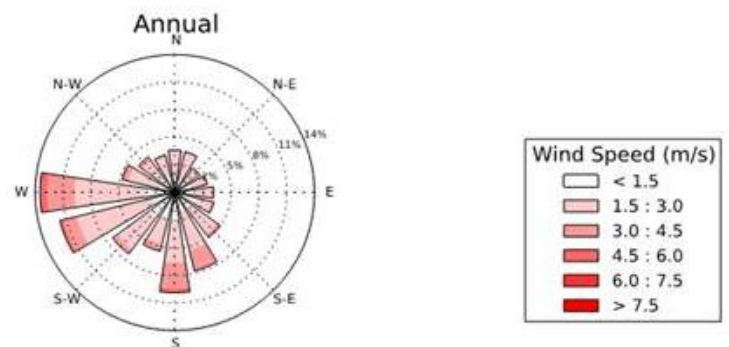
Wilkinson Murray has significant experience in providing air quality (including dust), odour and greenhouse emissions consultancy services. Our project experience includes:

- Coal mines
- Quarries and landfill
- Oil, gas and energy plants
- Batching plants
- Roads, railway lines, airports and sea ports
- Residential, industrial and mixed use developments

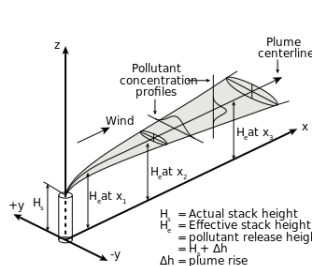
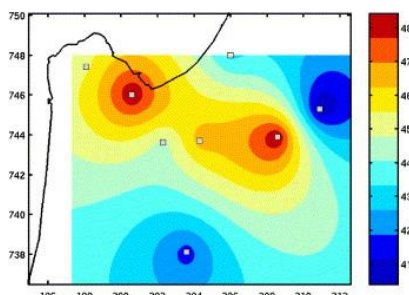
Areas of work include:

- Air dispersion modelling with CALPUFF, AERMOD, CALINE4 & TAPM.

- Meteorological modelling with TAPM and monitoring



- Air emission management and control strategies



Specialist Services Air Quality

- Emission modelling and inventories, including greenhouse gases



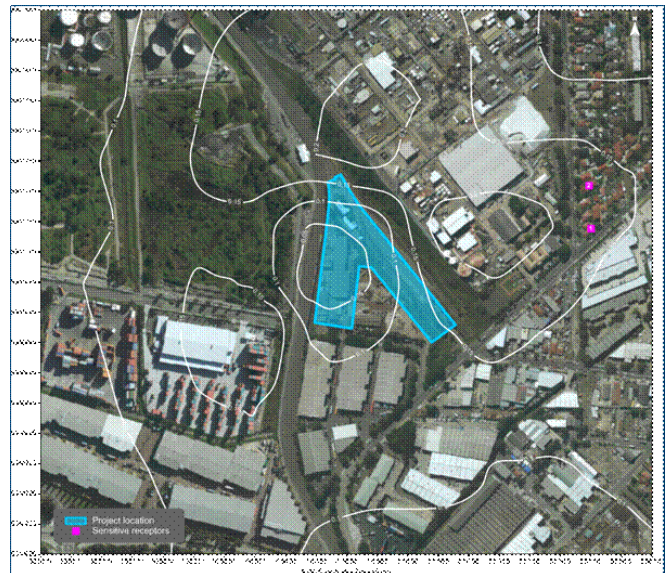
- NPI & NGER reporting
- Air monitoring, assessment and reporting – construction, compliance, operational



- Air quality, odour and greenhouse gas Management Plans – operational, construction



- Environmental Impact Statements

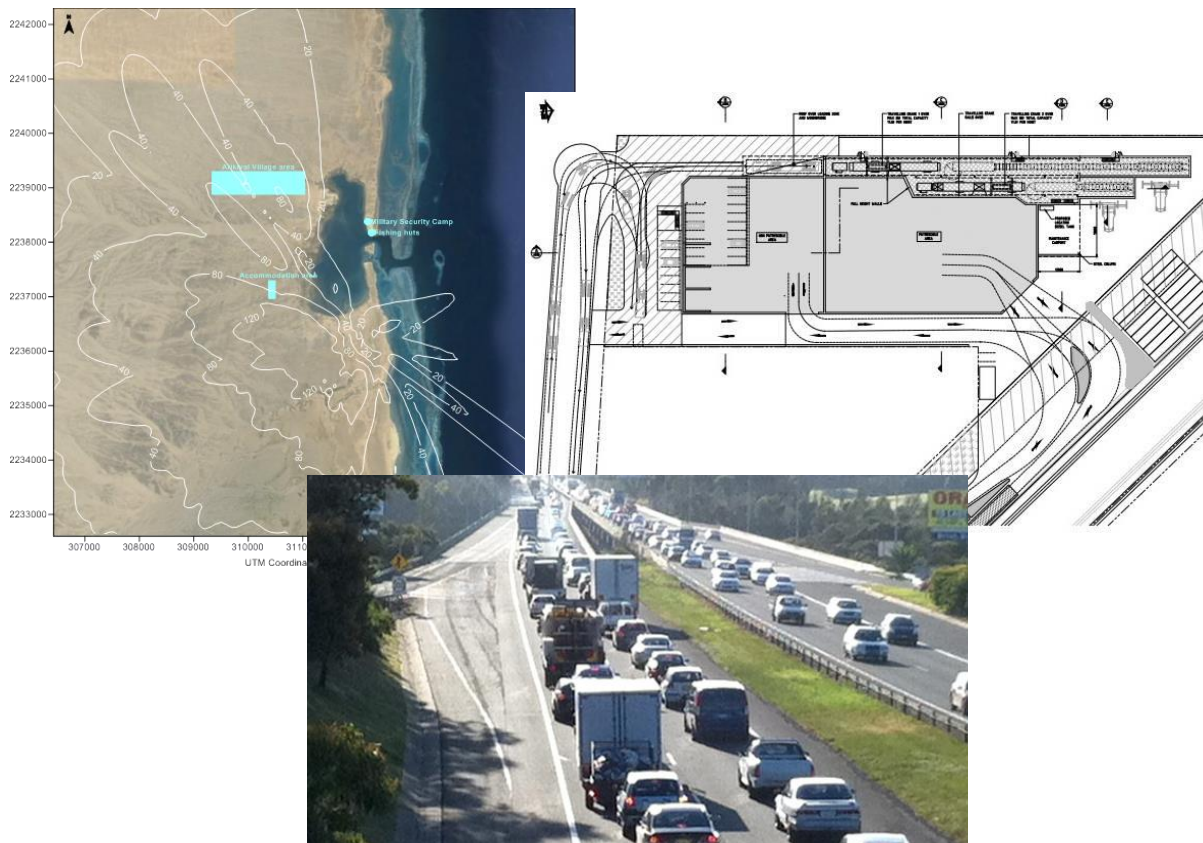


- Development Application Reports
- Strategic Planning and Masterplan input
- Policy development
- Continuous, real time monitoring, as well as dust gauges
- Expert Witness

AIR QUALITY PROJECTS

Listed below are some of the air quality projects in which Wilkinson Murray has been involved:

- Nymboida Quarry Dust Assessment
- St George Hospital Continuous Dust Monitoring
- Dunmore Resource Recovery and PASS – Air Quality (Dust and Odour) Assessment
- Kembla Grange Asphalt Plant – Air Quality Assessment
- Pacific Highway Upgrade – Narara to Ourimbah – Operational and Construction – Air Quality Assessment
- Red Sea Coal Fired Power Station, Sudan – Air Quality Assessment
- Banksmeadow Waste Transfer Station – Air Quality (Dust and Odour) Assessment
- Khnaiguiyah Saudi Arabia – Zn and Cu Mine – Air Quality Assessment
- Boral Bringelly Brickworks Upgrade – Air Quality Assessment
- Minto Concrete Recycling Facility – Air Quality, Greenhouse and Energy Assessment
- Caddens Release Subdivision Study – Air Quality Assessment
- Albion Park Rail and Wagga Wagga Asphalt Plants – Greenhouse Gas Audits
- Mount Gilead Rezoning – Air Quality Review
- Frederickton to Eungai Construction Air Quality Management Plan
- Odour Measurements of Glenfield Landfill
- Rutherford Asphalt Plant – Air Quality, Greenhouse and Energy Assessment
- Sydney Trains Depots – Dust Monitoring and Dust Management Plan
- Coal Seam Gas – Bibblewindi Gas Flaring Air Quality Assessment
- St Peters Recycling Facility – Air Quality, Greenhouse and Energy Assessment
- Sims Metal Air Quality Management Plan
- Air Quality Assessment for the Seaforth Childcare Centre
- Air Quality Assessment for 5-7 Church Street, Childcare Centre Hunters Hill
- Phulbari Bangladesh Coal Mine Air Quality Assessment
- Sudan – Construction of three Dams – Dust Assessment



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