



Pipebore Excell Pty Ltd

Capability Statement

THE COMPANY

Since its foundation in 2003, PipeBore Excell (PBE) has built a reputation for excellence and innovation, primarily in hydrology and environmental management. With private, NGO and government clients both in Australia and abroad, we continue to develop and expand our services and reputation.

In an Australian first, PBE developed and operationalised the use of large drones in the agricultural sector, with an emphasis on the precision application of herbicides in challenging landscapes and environmentally sensitive areas.

Our commitment to innovation has seen us expand this capacity by introducing survey drones able to map large areas with exceptionally high precision operating both day and night. We now provide cost-effective, high-grade mapping and surveying, 3D modeling, spotting of animals and pest plants, as well as pasture and crop monitoring.

PBE's continued research and development of aerial application of chemicals using unmanned aircraft to highly sensitive and challenging sites has led to techniques, technologies, systems and processes that have enabled PBE and its clients to secure relevant regulatory permits. These approvals have significantly reduced cost, increased efficiency, and drastically reduced workplace health and safety issues. Our experience with these machines on highly complex sites means cost-effective solutions to our clients.

Research and development efforts, collaboration with industry partners and links to key groups means that PBE continues to be at the forefront of new developments. This offers great opportunities for our clients to leverage this skill and knowledge, ensuring solutions are cost-effective, meet standards and regulatory requirements, and are delivered on time.

Our clients reap the benefits.

OUR PRINCIPAL

Simon Wiggins, our company principle, has two decades of extensive hydrology, engineering and environmental management experience with industry, non-government organizations and government in Australia, Africa and Asia. He has implemented significant water infrastructure projects, and developed policy and legislation for the management of land, water and vegetation.

Simon specialises in project management, hydrogeology, environmental management and project recovery. He has qualifications in Natural Resources, Hydrology and Engineering, is a member of the International Association of hydro-geologists, a commercial pilot and holds an Agricultural Aircraft Operator License.



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OUR SERVICES

Project Management



- Project planning and design
- Resource allocation
- Monitoring and reporting
- Project recovery

Weed Control



- Aerial application of liquid and granular chemicals
- Ground-based application of liquid and granular chemicals
- Weed management plans
- Weed and regrowth control

Water Services



- Artesian and sub-artesian bore assessments
- Water quality monitoring
- Water supply options and design

Aerial



- Precision 3D modelling
- Geo-referenced aerial photography
- Environmental surveying and spotting
- Aerial photography

Geospatial Services



- Management and application of GIS systems
- Practical mapping solutions

Planning



- Property mapping and planning
- Farm Design and survey
- Water bore design and construction
- Water pipeline survey design and construction

Flora and Fauna



- Vegetation mapping and survey
- Weed identification
- Best management control methods

Soil sampling



Approvals

- Management of water permits and licences
- Assistance with approval processes
- Risk assessment
- EIS management
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For more information, see

www.pbeservices.com.au

or call 0427 427 910



