



Mackay and Whitsundays





RPS in the Mackay-Whitsundays Region

RPS is an international consultancy providing world-class solutions in energy and resources, infrastructure, environment and urban growth.

2

We are involved in some of the region's most important and challenging urban development and infrastructure projects - shaping and influencing the development of the Mackay-Whitsundays area as a key centre of activity in regional Queensland.

Our Mackay and Whitsundays teams provide a range of professional and technical solutions to private developers, local and state government, publicly listed companies, mining operators, providers of infrastructure and a range of other project proponents.

RPS' experienced local team helps clients meet project challenges, and where required, draws on the broad range of expertise within the wider organisation to achieve a holistic project approach.

Our team has been involved in projects of all types, ranging from residential developments to commercial and industrial hubs, as well as major infrastructure projects such as ports, roads, power lines and railways, right through to projects for mine operators and associated infrastructure providers. Our team has

also been integral in the establishment of resort, hotel and other tourism facilities throughout the region.

Having commenced operations in the region in 1996 under the name of Pioneer Surveys, we have unparalleled local knowledge. With strong specialist skills and passionate team members, RPS is privileged to be at the forefront of shaping the Mackay-Whitsundays region now and into the future - making it a better place for people to live, work and relax.



A snapshot of our resources:

- 40+ personnel in Mackay-Whitsundays region
- 140+ personnel in North Queensland offices located between Mackay and Port Douglas
- 900 in 23 locations in the Asia Pacific Region
- 4500 globally



Surveying and Mapping

With one of Australia's largest surveying teams, the most up-to-date technology and a network of regional offices, we have the capacity, experience and expertise to service the most complex projects across infrastructure, mining, oil and gas, and urban growth.

Our surveying team has received recognition at the state, national and international level for its innovation and commitment to quality.

RPS has over 150 technical and professional surveyors, and we have access to more than 75 survey systems including the latest model terrestrial scanner. As specialists in capture, analysis and management of spatial information, we are also one of the best resourced LiDAR, aerial mapping and satellite remote sensing companies in Australia and offer the full spectrum of GIS services.

We are considered experts in titling and land tenure and can advise on freehold, leasehold, crown land and community title issues.

RPS surveyors have a detailed knowledge of construction techniques and methodologies and the surveying applications required to support them. We are well equipped to satisfy even the most challenging operational requirements, drawing on our experience in surveying for construction and infrastructure projects including roads, dams, building pads, excavations, mechanical installations and pipelines.

Services include:

- Titling and boundary surveys
- Digital terrain modelling, volume and feature surveys
- Aerial and terrestrial scanning
- Mining and mine infrastructure surveys
- GNSS control and aerial ground control surveys
- Construction and engineering surveys
- 2D and 3D seismic/exploration surveys
- GIS services and spatial data management
- Aerial mapping and satellite remote sensing
- Hydrographic surveys



Urban Planning

RPS adopts an integrated approach to planning - collaborating with clients, industry, government and the community to achieve better economic, social and environmental outcomes.

4

Our planners are distinguished by their complementary professional backgrounds incorporating both senior public and private sector experience. This balance ensures a comprehensive understanding of the complex interactions between strategic policy, statutory planning and development approval.

We successfully lead projects through commercial, regulatory and design considerations to deliver innovative planning solutions based on client objectives, contemporary thinking, urban design principles, and best practice techniques. We combine our multidisciplinary skills and experience to realise smarter planning approaches that deliver more effective and sustainable places.

Central to this approach is effective stakeholder engagement. Our planning capability is supported by highly skilled project communication experts who develop stakeholder engagement programs aimed at informing, educating and empowering the local community and decision makers.

We undertake community impact assessments and identify the social impacts of development and construction, providing clients with a valuable risk management tool to assist in considering the full impacts and implications of development decisions.

Clients value our comprehensive understanding of planning legislation and strategic capability in planning policy and development. We are also recognised for our leadership role in developing and delivering successful taskforces and think tanks which shape and redefine industry practice.

Services include:

- Development approvals
- Public policy
- Community and social planning
- Stakeholder consultation
- Statutory and strategic planning
- Environmental approvals
- Heritage assessments and approvals



Landscape Architecture

RPS' experienced team of landscape architects has received national recognition for its innovation and creation of engaging and sustainable places.

Taking the approach that no two projects are the same, our landscape architecture team tailors design concepts and solutions to respond to and promote individual sites' natural character and assets.

Our designers have a detailed understanding of the technical parameters to which design solutions must adhere. We consider constructability and marketing during the design process to ensure we add value for our clients.

Our team brings vision and creative excellence to projects to create rich and

meaningful places, inclusive and diverse spaces and enduring solutions.

We have successfully delivered a range of projects from thoughtful open space initiatives and interactive public spaces to major infrastructure works.

As well as providing all of the urban design and landscape architecture services for the \$4.8 billion Airport Link road infrastructure project, we have a history of success delivering projects in residential and masterplanned communities.

Services include:

- Landscape visioning and masterplanning
- Concept sketch design
- Design development
- Construction documentation
- Site supervision and contract administration
- Visual impact assessment
- Expert witness – visual impact and landscape

5



Project Management

RPS takes a holistic approach to project management with the capability, expertise and systems to assist clients in the development of projects from concept to completion.

- 6 For clients in the urban growth sector we assist with site identification, project feasibility, financial and development approval processes, the design process, construction and delivery.
- In the infrastructure and energy and resources sectors our outcome focussed project managers have a strong track record for adding value by facilitating approval processes, protecting the primacy of the operations and assisting clients with managing the urban interfaces to complete projects on time, on budget and in an environmentally, socially and economically responsible manner.
- Our national and international integrated team of professionals ranging from planners and urban designers to landscape architects and environmental scientists, also means that our project managers have the capacity to draw on internal teams to deliver clients the most effective and efficient allocation of resources.
- Our team of quantity surveyors also add rigour to the development process.
- Services include:
- Acquisition planning and site investigation
 - Feasibility analysis
 - Best use analysis
 - Risk assessment
 - Finance applications
 - Project facilitation
 - Dispute resolution assistance



Urban Design

Dedicated to achieving high quality design outcomes for communities, RPS has received significant industry recognition for its commitment and performance in urban design.

RPS believes that creating successful, dynamic, sustainable communities and places where people want to live and interact requires an integrated approach to design so the economic, social and environmental potential of a site can be fully realised.

RPS offers clients “end to end” capability with a multidisciplinary team of urban designers, urban planners, landscape architects, environmental and sustainability experts who collaborate to ensure a balance between the preservation of a site’s natural values with the provision of a functionally efficient urban form.

Our consultative process underpins our work and our outcomes are design based with commercial grounding. Our collaborative approach extends to proactive engagement with government, industry and stakeholder groups.

Our design capability also extends to the infrastructure industry where we have effectively integrated urban and engineering design for transport solutions and land use integration.

Services include:

- Project visioning
- Site assessment
- Structure planning
- Concept planning
- Masterplanning
- Detailed design development
- Design guidelines and urban framework plans
- Due diligence and yield assessment
- Facilitation, workshops and enquiry by design
- Project positioning and tours
- Illustrative plans and concepts
- Sales and marketing material
- Vignettes and perspectives

7



Environment

RPS' foundations were built on environmental management. As internationally-recognised environmental specialists, we deliver innovative and practical solutions through providing superior technical, scientific, environmental and regulatory advice and services.

8

We draw on the skills of our diverse range of experts to deliver services in the areas of climate change, water sciences, ecological and conservation assessments, environmental management planning, environmental impact assessment, contaminated site assessment and remediation, audits and due diligence assessments, spatial sciences and stakeholder consultation.

RPS has earned its reputation for delivering quality environmental services for a range of sectors and project types, including: oil and gas, renewable energy, resources and mining, urban growth, infrastructure, natural resource management and government.

Other Specialist Services

We work closely with our colleagues throughout Queensland and across Australia to offer local clients a comprehensive range of specialist services including:

- Economics
- Cultural heritage
- Quantity surveying
- Climate change and sustainability
- HSE, risk management and training
- Oceanography and meteorology
- Asset evaluation and due diligence
- Drilling planning and management
- Field development support
- Geology, geophysics and petroleum engineering
- Seismic planning and management
- Energy consulting - exploration and production



Our Experience

Mackay Airport Limited

RPS has been assisting Mackay Airport Pty Ltd in addressing flood problems by completing a detail survey of the area immediately surrounding the runway and balance of the site, consisting a drainage network of pipes, culverts and drains. Our survey team surveyed over 1.5km of the drain network by traversing the flooded area by boat.



Pioneer Lakes

Pioneer Lakes Estate is a development which is changing the face of Mirani, located approximately 30km west of Mackay. RPS is providing surveying and planning services for a residential development, retirement village, parklands, an industrial estate and a proposed new town centre to revitalise the existing township.



Andergrove Lakes Waterski Park

Andergrove Lakes Waterski Park is an integrated tourist facility focused around two cable waterski lakes. The development includes a motel, backpackers resort, holiday villas, lakeside apartments and a residential estate, with supporting retail and commercial facilities. RPS has assisted the developer in gaining approvals for this project, which represents innovative use of a flood prone area.



MAC Coppabella Village

RPS has provided survey services for the design and planning of a number of MAC villages, including the Coppabella site in Central Queensland. We have delivered a range of survey services for the construction of roads, drainage and flood systems, infrastructure and dwellings.



Our Experience

10

Rivage

Rivage is the first in a series of prestige high rise residential developments to be built along Mackay's Pioneer River and Caneland Park. RPS provided extensive survey services from the outset of this project, from defining the site boundaries to providing survey data to enable design of the development and all throughout construction to verify the built form.



Grosvenor Estate

Moranbah has experienced strong growth in recent years due to its proximity to the Bowen Basin Coal Mines. The RPS planning team is advising the developer of Grosvenor Estate, which will include local shops, a tavern and motel, truck stop and service station, fast food restaurant and a caravan park and tourist village.



Blue Water Trail

RPS completed the Blue Water Lagoon to Canelands Shopping Centre section of the Mackay Blue Water Trail which links popular tourists spots. Our design encompassed viewing platforms overlooking the Pioneer River, pedestrian and cycle pathways, picnic structures and barbeques, an exercise circuit and shaded play equipment. We also managed other contractors and worked closely with the Mackay Regional Council to design a space that was practical, economically viable and visually pleasing.



Sandfly Creek

RPS worked with Mackay Regional Council to produce a landscape masterplan for the Sandfly Creek section of the Bluewater Trail which links the Mackay's town beach to the boat ramp area on River Street.

The focus was on producing a design which was not only economically sound, but ecologically sensitive, protecting local native mangroves and vegetation and numerous animal and bird species.



Our Experience

Hayman Island Redevelopment & Resort Expansion

RPS provided survey services for this project which involved redevelopment of resort accommodation, development of 21 residences on the south east ridge of the island and redevelopment and expansion of the marina incorporating accommodation and townhouses.

RPS has undertaken extensive surveys for the architectural and engineering designs as well as complex titling surveys incorporating tidal boundaries.



Aspen Whitsunday Shores Estate

Constructed around a future 18-hole golf course, Aspen Whitsunday Shores will comprise a country club, playgrounds, retirement village, along with parks and boardwalks. RPS is lead consultant and played a significant role in negotiating the first Environmentally Relevant Activity (ERA) licence for an imported sewerage treatment plant for this development.



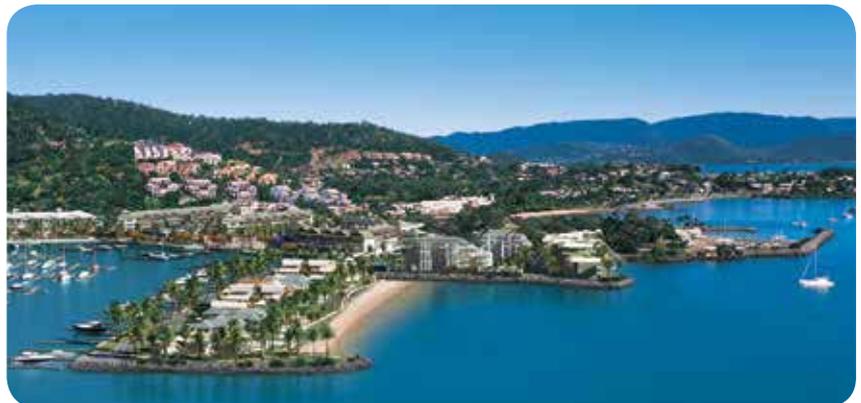
Whitsunday Aviation Village Estate

'WAVE' is a luxury 60-acre private airpark estate. Incorporating architecturally designed "hangar homes", residents are able to walk downstairs into their aircraft and be only minutes from the Whitsundays' famous island resorts and coral reefs. RPS negotiated the highly complex survey plan sealing with Council and also provided a detailed 3D topographical model as a base for all planning and design.



Port of Airlie

Port of Airlie is a world class 5-star marina development featuring specialty retail, restaurants, cafés, taverns, and a town square with sculptural art features, sandy beach, waterfall and spectacular lighting displays. On-site will be 300 luxury apartments, plus 15 absolute waterfront home sites. RPS has been closely involved with this project since inception, playing a major role in both the survey requirements and managing the town planning process.



Our Experience

12

Abbot Point Coal Terminal

The Abbot Point Coal Terminal is currently undergoing further expansion to accommodate the developing coal mining industry in Central-West Queensland. RPS is providing ongoing survey services for the X25 and X50 projects at the onshore administrative, storage and processing facilities and the offshore loading components, including 3.5km conveyor and associated berthing facilities.



The Peninsula

The Peninsula is the first absolute waterfront residential development in Airlie Beach. Consisting of apartments and penthouses complete with marina berths at the adjacent Abel Point Marina, the Peninsula has a unique layered community titles scheme which was prepared by RPS.



Abel Point Marina

At the gateway to the Whitsundays, Abel Point is the largest marina in North Queensland and can take in boats of all sizes, including super yachts. RPS is the consultant planner and surveyor for the ongoing marina project. Our surveying role has involved set out and monitoring of the piling operation, undertaking hydrographic surveys and volumetric calculations, as well as preparing reports and plans.



Local Councils

RPS provides survey services to various local councils in the Mackay-Whitsundays-Isaac region for road, infrastructure (water and sewerage), urban growth and extractive industries projects. We also provide extensive survey services for flood studies and other natural resources projects.



Contact Us

Mackay

Level 1
38 Wellington Street
(PO Box 1895)
Mackay, QLD, 4740
T +61 7 4953 3577
F +61 7 4953 3622
mackay@rpsgroup.com.au

Airlie Beach / Bowen

Suite 4b, Whitsunday Business Centre
230 Shute Harbour Road
(PO Box 943, Airlie Beach)
Cannonvale, QLD, 4802
T +61 7 4948 5300
F +61 7 4948 5301
airliebeach@rpsgroup.com.au

Bowen

Shop 4
17 Gregory Street
(PO Box 835)
Bowen, QLD, 4805
T +61 7 4786 6955
F +61 7 4786 6966
bowen@rpsgroup.com.au

Office / General Managers

Paul Jackson
General Manager, Mackay | Surveyor
M 0427 033 577
paul.jackson@rpsgroup.com.au

Scott Reid
Manager, Whitsundays | Surveyor
M 0438 670 434
scott.reid@rpsgroup.com.au

Service Line Contacts

Survey
Garry Dobbie
Survey Manager, Mackay
M 0407 631 836
garry.dobbie@rpsgroup.com.au

Brett Campbell
Surveyor
M 0409 769 668
brett.campbell@rpsgroup.com.au

Planning

Barwon Gooch
Snr Planner, Mackay
M 0417 602 701
barwon.gooch@rpsgroup.com.au

Matt Ingram
Planner, Whitsundays
M 0407 659 697
matt.ingram@rpsgroup.com.au

Design

Ben Ewins
Landscape Architect
M 0437 648 898
ben.ewins@rpsgroup.com.au

Matthew Bolton
Urban Design Manager
M 0421 463 122
matthew.bolton@rpsgroup.com.au

Environment

Laurence Liessmann
Senior Environmental Scientist
M 0407 623 528
laurence.liessmann@rpsgroup.com.au

