

# VIRIDIS CONSULTANTS

## Capability Statement

AUDITING | CONSULTING | TRAINING

Viridis Consultants provides leading risk management advice and solutions to organisations across Australia, including servicing national water utilities. Our expert team is committed to delivering water, health and environmental projects that create measurable outcomes that strengthen your community and the trust they have in your business.

Our specialists are known and respected for their expertise and pragmatic solutions that really deliver value for our clients. Viridis prides itself on understanding and meeting the needs of clients. This has led to an extensive track record of successful projects, which have focused on the development, implementation, review and audit of risk management systems and processes.

For more than 10 years, our experts have acted with integrity and respect to provide holistic solutions across municipal water and environmental projects from identifying risks and opportunities, through to planning and implementation. Our trusted team of engineers, scientists and auditors use a certified third-party quality management system ISO 9001:2015, which ensures the highest standards are observed. All projects are delivered in accordance with our Quality Management System.

### MISSION AND VALUES

Viridis' mission is to provide expert scientific and engineering support to clients to enhance business performance, public health and environmental values. We strive to deliver on this mission with everything that we do. This is reflected in our core values that make Viridis who we are and motivates our personnel. These core values are what our culture is derived from and are: Integrity, Respect, Quality and Fulfilment.

#### INTEGRITY

Our over-riding focus is on achieving successful long-lasting relationships with clients that are built on a strong foundation of understanding, trust and credibility.

#### RESPECT

We share information appropriately and responsibly. We listen and work collaboratively in the best interests of Viridis and its clients. We believe in straight dealing in all matters. We believe in treating all people and places with respect and show empathy towards others.

#### QUALITY

We demand service excellence through understanding client needs and drivers. We deliver to a high standard so our clients receive a quality product. We strive for improvement and never stop trying to better ourselves.

#### FULFILMENT

We are committed to ensuring that skills, knowledge and talent are proactively identified and developed. We enjoy our successes and take pride in our work.

## OUR CORE COMPETENCIES

Viridis is a multi-disciplinary business with our engineers and scientists being able to identify organisational and process risks and shape solutions that actively optimise business systems and processes to meet service standards and regulatory requirements. We specialise in



### MANAGEMENT SYSTEMS

- Strategic business improvement
- Drinking water quality management plans (DWQMP)
- Recycled water management plans (RWMP)
- ISO 9001 - Quality Management Systems
- ISO 14001 - Environmental Management Systems
- ISO 55 000 - Asset management
- HACCP
- ISO 22000 - Food Safety Systems
- Development of forms and procedures
- System assessment and process improvement
- Data analysis and statistics.



### WATER TREATMENT ENGINEERING

- Investigation/troubleshooting process problems
- Treatment assessment and optimisation
- Health based target (HBT) assessments
- Project management
- Condition assessment
- Maintenance planning
- Operational support
- Water quality monitoring.



### ENVIRONMENTAL

- Site-based management plans
- Waste management plans
- Water and sewage treatment plant licensing and compliance
- Environmental risk assessments and evaluations
- Construction environmental management plans (CEMP)
- MEDLI modelling.



### AUDITS

- DWQMP & RWMP
- ISO 55 000 Asset Management Systems
- ISO 9001 - Quality Management Systems
- ISO 14001 - Environmental Management Systems
- HACCP
- ISO 22000 - Food Safety Systems
- Environment Protection and Biodiversity Conservation Act (EPBC).



### TRAINING

- Accredited operator training in conjunction with Fusion Training Solutions RTO ID 91812
- Cert II and III in Water Industry Operations
- Certified units of competency
- Tailored training packages
- Flexible delivery

## KEY STAFF

Our consultants are experts in their field and are required to maintain current knowledge through continued professional development. All staff are AWA members and senior consultants are accredited lead auditors with Exemplar Global (formerly RABQSA).



### **James Howey MSc (Env Man) BSc - (App Chem) – Owner and Director**

James has over 20 years of experience in water and environmental management, with roles in both the public and private sectors. Recognised as an industry leader in water quality risk assessment and management planning, James identified a niche in the water industry and launched Viridis Consultants in 2008. Since its conception, with James at the helm, Viridis has delivered many and varied successful water and environmental projects.



### **Dr. Marty Hancock - PhD, B.Ed – Senior Consultant**

Dr Hancock is a water quality and treatment specialist with more than 25 years' experience and holds academic, management and operational qualifications, including 12 years of catchment-to-consumer experience in water and wastewater treatment. He has a strong health and safety focus and is committed to developing and mentoring individuals and teams to reach their full potential. He has led and managed teams operating, maintaining, upgrading and commissioning a substantial portfolio of water, wastewater and recycled water treatment plants, as well as catchment assets.



### **Karen Pither – B.Sc - Workgroup Manager - Recycled Water and Environment**

Karen is an environmental scientist specialising in water management, risk assessment and management systems. Karen's environmental experience includes construction environmental management, environmental and water quality monitoring, contaminated site remediation and validation and management plan development and implementation.



### **Tasleem Hasan M.Sc B.Sc - Workgroup Manager - Drinking Water**

Tasleem has more than 13 years of experience in drinking water quality management, including regulation, sanitation and hygiene. Tasleem has worked extensively across Australia and the Pacific Islands identifying and discussing key water supply issues and challenges, and providing advice on potential improvements and regulatory compliance.



### **Scott Prenzler B.Eng – Senior Consultant**

Scott has extensive experience in water and environmental management, both nationally and internationally, specialising in recycled water for the past 7 years. Scott is not only experienced in water regulation, compliance, assessment and licensing, but is also skilled in high-level problem solving and the interpretation of technical information and legislation



### **Maddie Shaw B.Eng, B.Math – Graduate Engineer**

Maddie has recently completed a double degree in Engineering and Mathematics, majoring in Chemical Process Engineering and Applied and Computational Mathematics at QUT. Maddie has experience in product research and formulation, data evaluation and regulatory assistance, having worked as a research and development officer. She conducts data analysis, evaluations and assists with compiling reports for our clients in the water industry.

## BUSINESSES WE'VE SUPPORTED

- **State Agencies and Regulators:** QLD, NSW and VIC Health Departments; NSW Planning, Industry & Environment and IPART; Qld Departments - Housing and Public Works and Regional Development, Manufacturing and Water.
- **Water Boards:** Gladstone Area Water Board and Mount Isa Water Board.
- **Water Corporations:** Seqwater, Sunwater, Sydney Water, Unitywater, Urban Utilities and WaterNSW.
- **Private Industry:** Teys Meat and Livestock, Water Secure Innovations
- **New South Wales Councils:** Ballina, Bourke, Greater Hume, Gwydir, Kyogle, Naromine, Rous, Snowy Valleys and Walcha.
- **Queensland Councils:** Balonne, Bundaberg, Cairns, Carpentaria, Cassowary Coast, Central Highlands, Cherbourg Aboriginal Cloncurry, Cook, Croydon, Doomadgee Aboriginal, Etheridge, Fraser Coast, Gold Coast City, Goondiwindi, Gympie, Hinchinbrook, Hope Vale Aboriginal, Isaac, Kowanyama Aboriginal, Logan City, Mackay, Mapoon Aboriginal, Maranoa, Mornington, Mount Isa, Napranum Aboriginal North Burnett, Southern Downs, Tablelands, Toowoomba, Torres Strait Island and Western Downs Yarrabah Aboriginal.



## WHAT OUR CLIENTS SAY

In the past, a big issue Walcha Council has faced has been a lack of resources with specialist technical skills and expertise. Water and wastewater staff deal with issues that require input and support from engineering specialists. Our regional Council does not consistently have the workload to support the required engineering staff full time. Viridis' specialist skilled staff provided the much-needed technical support for our projects and day-to-day operations as and when needed. Viridis is a highly valued team member of Council's water department; they are the real deal when it comes to working smarter!

Tess Dawson, Senior Manager – Water, Sewer & Waste at Walcha Council



## CONTACT US

For more information, call us on 1300 799 310 or email [info@viridis.net.au](mailto:info@viridis.net.au)