



# Company Profile



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## Capacity

Tricomm Construction - <http://tricommconstruction.com.au/index.htm> - provides turn-key technology deployment and lifecycle management services to the mining (Oil and Gas) and water industries. Tricomm is an innovative company dedicated to serving the requirements of their clients.

Tricomm Construction works closely with our clients to understand their requirements and issues. With over 35 years combined experience, the team at Tricomm Construction is well equipped to provide a diverse range of services. The team at Tricomm Construction prides itself on providing personal and quality services, we are the "**can do**" company.

## Office Locations

Tricomm Construction has offices located throughout Australia to ensure efficient and effective support is provided.

- Melbourne - 1/30 Chelmsford Street, Williamstown. 3016  
Contact: Mark McHenry  
Ph - 03 9397 3611 and Fax - 03 9397 3644
- Brisbane – 8/48 Business Street, Yatala QLD 4207  
Contact: Shaun Devin  
Ph - 07 3382 7524 and Fax - 07 3382 7524
- Sydney  
Contact: Steven Walker  
Ph – 0402 287 849

## Service Offering

Tricomm Construction specialises in providing complete solutions for the development and maintenance for the mining (Oil and Gas) and water industries. The following key services are specifically relevant to the requirements of our clients.

### Project Services and Support:

- Site infrastructure audits
- Project management services
- Logistics and warehousing solutions
- Site lifecycle management programs

### Client Services:

- Water treatment technology/infrastructure
- Engineering Services
- Civil construction
- Preventative maintenance
- Corrective maintenance
- Breakdown and callout
- Programmed maintenance
- Mechanical and electrical equipment servicing and repairs

### Services:

- Water recycling solutions
- Water treatment operators
- Engineering and design
- Point of Presence site infrastructure installation
- Electrical services
- Plumbing services
- Civil construction works
- Pit and pipe installation
- Steel manufacture and supply
- Testing, commissioning and warranty services
- Documentation services - CAD
- Active equipment installation, testing and commissioning
- Equipment supply and Hire.

## Turn-key Deployment

Tricomm Construction appreciates the technical issues relevant to the various disciplines involved in the mining (Oil and Gas) and water industries. Tricomm planning and design teams collaborate with Tricomm project managers, providing the most efficient co-ordination of skills at all stages-from site selection through to handover. The following key services are specifically relevant to turn-key deployment.

### Planning and Design

As Principal contractor, Tricomm Construction provides its clients with a single point of contact for all communications, liaison and management responsibilities.

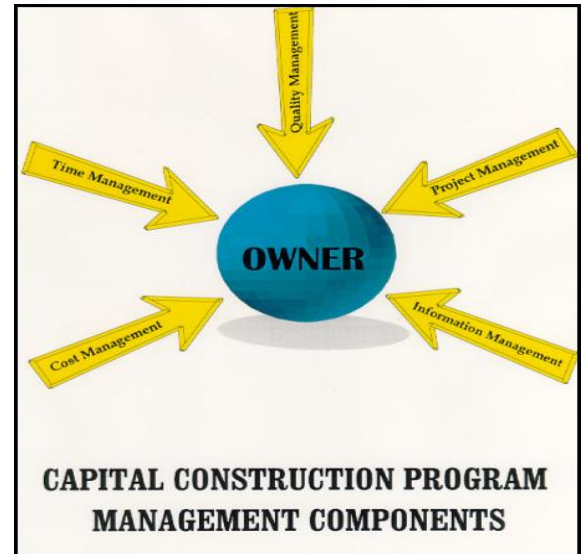
As wastewater treatment, produced water treatment, desalination and filtration have become key elements of water resources planning, Tricomm Construction has recognised the need to provide the following areas of support to our clients:

- ◆ Align technology with site specific requirements.
- ◆ Facilitate tailored equipment solutions.
- ◆ Design, procure and deliver integrated systems.
- ◆ Provide lifecycle services, onsite operators and technical support.



## Engineering Design

Our design team is experienced in the design and operation of industrial facilities and this experience is transferred into the design solutions making the finished product not only compliant with specifications, regulatory requirements and Australian Standards, but also highly practical and well suited for the intended purpose. Tricomms Construction project leaders ensure that all disciplines work together, one design package encompasses any survey, structural, civil, electrical, mechanical, and hydraulic elements affecting the site.



## Project Management

Tricomm Construction's continuing success relies on our efficient and skillful management team. Our current success is due to our ability and willingness to work closely with and adapt to the requirements of our clients. With this and our "**can do**" attitude we have been successful in completing multiple projects both on time and to our client's satisfaction. Contributing factors include:

- Believing our clients success is our success.
- Offering effective solutions with minimal fuss.
- Our management team's vast experience in the industry.

Tricomm Construction's strong leaders, coupled with the application of procedures focused on the key areas of project management as defined in Project Management Body of Knowledge (PMBOK), enables the early identification of critical path activities thus ensuring the successful implementation of all projects. Procedures are continuously improved and cover the key areas of project management as defined in PMBOK.

## Construction

Tricomm site managers play a key role in the management of the site and the interaction with the site provider. It is imperative that those who are directing construction are dependable and responsible professionals who will execute their role diligently. Tricomms is acutely aware of the adverse impact that hastily considered design or careless on-site behaviour can have on the site provider and local authorities.

Tricomm site managers have the following key capabilities:

- Accredited qualifications with water/construction industry expertise and experience.
- Capable of managing all aspects of the construction process, providing more innovative designs allowing cost-effectiveness and program efficiencies.
- Experience in civil construction from:
  - Water facility installations and ongoing operations site planning
  - Steel manufacturing and installation
  - Structure erection
  - Construction of facilities.



Integrated project documentation, solid management skills and a focus on Health and Safety, enables our construction teams to deliver high quality industrial facilities, on time and to budget. We have a national capability with experience to undertake the follow water treatment installation/construction activities:

- Installation and commissioning of Water Treatment Systems
- Operation and maintenance
- Field on-site water testing
- Civil / structural including steelwork and concrete works
- Electrical and earthing
- Air-conditioning
- Plumbing installation
- External plant including rigging and testing.



## Civil / Plumbing, Fit Out, and Commissioning

Tricomm maintains specialist construction teams, all of whom have vast experience in the mining (Oil and Gas) industry. This approach ensures the personnel directly responsible for delivering the site works promptly respond to client queries.

Our installation teams are qualified and experienced and have constructed, installed and commissioned a broad range of systems including mining facility water treatment infrastructure, stand alone water treatment systems, mining facility wash bays, council stormwater harvesting installation and council works. Tricomms has ongoing relationships with several customers in multiple industries.

The coordinated management of these activities ensure minimal delay between construction sites and completing the technology works. Therefore timeframes are greatly reduced, whilst minimising mobilisations to sites as much as possible.

Our teams have completed the highest level of training to meet local laws and regulations.

With the "**can do**" attitude our teams strive for excellence.

## **Subcontractor Management and Industrial Relations**

Tricomm Construction maintains procedures to ensure that all subcontractors, suppliers and consultants engaged are suitable for the works for which they are being contracted. The procedures cover the rigorous prequalification process, subcontractor initiation and ongoing management.

Tricomm manages subcontractors and consultants without incident or issue, with regards to industrial relations matters. We take our responsibility as Principal contractor very seriously and ensure that we are aware and comply with local legislation, requirements of clients and other contractors on site.

## **Logistics and Warehousing**

Tricomm Construction recognises the importance of effective logistics management. Our aim is to ensure adequate stock levels are maintained, as we appreciate outside influences can affect this seemingly easy process:

- Coordinated time-management for ordering local and imported equipment, delivery must account for customs clearance time frames.
- The process for obtaining equipment from overseas manufacturers must be followed carefully as all customs clearance forms and associated documents must be accurate and complete.
- Maintaining a clear communication process with storage and delivery companies to ensure equipment is delivered where and when required.
- Plan and pre-order the required equipment in accordance with client timeframes and assign stock to sites to ensure equipment arrives on time.

## Lifecycle Management

Tricomm Construction maintains an established multi-discipline team dedicated to Site Lifecycle Management. We ensure our client's sites that are currently in service, remain in service until such time as our clients chooses to de-commission them. The main in-service drivers being:

- Quality of assets
- Cost efficiency of assets
- Statutory compliance

Main categories of works are defined as Base-line Services and Project Work. The sub-categories for Base-line Services include:

- Site access and manage maintenance
- Industry practice and regulatory requirements
- Business-as-usual activities
- 24hr emergency callout
- Managed maintenance.

## Financial Capacity

Tricomm Construction has developed a sound accounting and financial system. We are a growing company with developing systems. Our teams are constantly working closely with management to provide close financial assistance.

As an expanding company we have strong relationships with our suppliers, which in turn has created a good credit rating. Our company has seen growth of income increase constantly in the past five years.

## Insurance

The Partners currently hold in place insurance policies, which fulfil the requirements of our existing contracts under which we provide services. Insurance policies cover all aspects of our current national property acquisition, planning, design, project management and construction activities. Our main policies include:

- Public liability - \$20 million.
- Professional indemnity - \$20 million.
- Site specific insurances as required

## Key Personnel

Tricomm Construction was created by the partnership of Steven Walker and Mark McHenry. Combining their vast experience has built a solid foundation for the company. Our management team consists of Steven Walker, Mark McHenry and Rhonda Norton, supported by dedicated specialised contractors. Working closely with our site managers and team members we can provide realistic services and deliver positive outcomes.

The management team develops specific needs for individual projects to ensure all of the projects elements are considered and planed for adequately. The team at Tricomm Construction has the "can do" attitude instilled throughout to give the best result possible. We are pleased to provide the following profiles of our key personnel.

### **Steven Walker – Tricomms Director**

Steven has over 20 years experience in the implementation and maintenance of water treatment systems and communication systems throughout Australia in the construction industry. He completed an Associated Diploma in Electronics with Royal Australian Air Force. Steven co-founded Tricomm Construction with Mark McHenry, to assist with developing new technologies within the mining (Oil and Gas) industry. Steven's key attributes include:-

- Developing and maintaining solid customer relationships.
- Effective management of projects to meet quality standards and completion time-lines.
- Coaching and developing the team to meet business objectives.
- Effectively managing multiple projects to meet all project time frames.
- Maintaining a flexible attitude to adapt to changing conditions.
- Commitment to continuous improvement of systems and processes.

### **Mark McHenry – Tricomms Director**

Mark has 20 years experience in the construction industry throughout Australia. In his capacity as company director, Mark has been responsible for site planning, steel procurement, installations, integration, testing and commissioning of infrastructure and external plant. Marks relevant experience includes:

- Completed four year apprenticeship as a mechanic.
- Worked with Leighton Contractors, as a supervisor on the installation of a 30 million dollar aerial cable rollout for two years.
- Worked with Baulderstone Hornibrook, as a supervisor on the construction of Citylink for two years, this project was worth over one billion dollars.
- Worked with Leighton Contractors as a construction manager on the ONE TEL rollout for two years. The project was worth approximately 200 million dollars.

### **Rhonda Norton – Tricomms Financial / Project Manager**

Rhonda has over 10 years' experience in the field of project management in various fields ranging from change management, financial management, event management and civil construction management.

Working for large organizations such as Boeing and Qantas, she has implemented full office and system integration from start-up to ensure correct reporting back to the Commonwealth in relation to defence maintenance contracts. For a period of four years she worked closely with the Federal Government to report project management results for over \$10 million in grants for research into the sustainable development of coal.

Coming from a finance background with over 10 years of accounting/marketing studies, Rhonda holds a Diploma of Management. These skills combine to provide vital experience and expertise for her current role with Tricomms, which enables her to monitor and prepare changes as required in this fast paced demanding role.

Tricomms have dedicated site project managers who report directly back to Rhonda, to ensure management of each site is maintained in a consistent and site specific manner.

### **Wayne Stoakes – Tricomms Project Site Manager (QLD)**

Wayne has over 12 years' experience in the Construction\_ industry, his areas of expertise include:-

- Managing the delivery of construction works for project management customer organisations within the construction/telecommunications industry.
- Includes construction of greenfield sites, and installation and maintenance of infrastructure.
- Ensuring industry and customer quality standards are achieved.
- Completing jobs on time, to budget.
- Quoting and estimating for ongoing work.
- Financial tracking.
- Creating and managing project time-lines.
- Completing all relevant 'completed works' documentation.
- Developing and maintaining customer relationships.
- Managing logistics of plant and materials to various sites throughout the country.
- Observing all OH&S and WH&S requirements.
- Completing site-specific SWMS, MOPs and risk assessments.

## OH&S

Tricomm Construction is committed to ensuring the health, safety and welfare of all personnel within its workplaces and ensuring a high standard of environmental performance from management, employees and contractors.

Tricomm Construction management team accepts responsibility for the effective implementation of this policy and will provide systems, education, supervision and support to ensure a safe working environment.

Line management shall be responsible for the safe performance of activities within their area of responsibility and must accept that all safety incidents and their impact on health, are preventable and continually aspire towards this. All employees are responsible for performing their duties in a manner which ensures their own safety and that of others. To achieve this, Tricomm Construction will:

- Ensure that all health and safety instructions are to be applied in conjunction with relevant legislation, codes of practice etc.
- Assess health and safety in all stages of planning, design and construction.
- Incorporate hazard control systems.
- Commit sufficient resources to ensure effective implementation of safety management systems.
- Ensure all employees and contractors are trained, skilled, informed and equipped to carry out all work in a safe manner.
- Provide a program of continuous education and learning to enhance safety awareness and skill level.
- Investigate report and rectify all health and safety incidents.
- Promote consultation with health and safety representatives and employees.
- Effective program of rehabilitation management.
- Implement and maintain client health and safety requirements.
- Provide a review system for all health and safety management systems to ensure continued compliance and to provide improvements.



## Quality Assurance

Tricomm Construction is continually streamlining and updating our quality systems, to meet Australian Standards. The focus on quality management, systems and results provides the foundation for the service delivery model.

Tricomm develops a specific management plan for each commission undertaken. The plan is tailored to the project to ensure that all of the elements are considered and planned for adequately. These include the following elements:

1. Time - detailed program of works and resource allocation.
2. Cost - financial milestones and rates detailed.
3. Quality - Appropriate checklists and forms set out.
4. OHSE - Thorough risk assessments completed.

We undertake a consultative approach in the development of the plan, involving the client where appropriate to ensure the plan meets the needs of the project and the client's expectations prior to commencement.

Our 'single point of contact', the manager, is responsible for the completion of the plan and the delivery of the project in accordance with the plan. The focus on quality management, systems and results provides the foundation for the service delivery model.

## Environmental Policy Statement

Tricomm Construction is committed to ensuring that we adhere to all environmental regulations, and customer requirements. We keep up to date with new environmental laws and regulations.

We adopt the current safe work practices to ensure that any disturbances to the sites and surrounding areas we are conducting works in are prevented or minimised.

## Risk Management

Tricomm Construction maintains a standard procedure for adopting risk management:

- Step 1 Identify the hazards (i.e. source) if there is a regulation, advisory standard, code of practice or any other guidance material identified, then as a minimum follow the information contained in this material.
- Step 2 Assess the risk (i.e. frequency, duration and outcome of the consequences).
- Step 3 Determine what control measures to take (i.e. evaluate methods of removing, reducing and controlling the risks). Note: legislative requirements must be implemented as a minimum standard.
- Step 4 Implement the control measures.
- Step 5 Evaluate and review the actions taken to ensure that they have been effective.

Any controls that are appropriate for a particular risk that has been identified are to be implemented as soon as practicable by Tricomm. Any risk assessment completed must be kept on record to satisfy statutory requirements and serve to identify areas of concern within the operations.

## Rehabilitation Policy

Tricomm Construction recognises that there are substantial benefits to be gained from rehabilitation principles and practices and is committed to implementing them at this work place. Experience shows that workplace rehabilitation assists with the healing process and helps restore the staff member's normal function sooner.

The rehabilitation process aims to retain injured or ill staff at work wherever possible. If this is not possible, we will ensure their earliest return to work, ideally to their previous role, or to maximise their independent functioning if a return to work is not possible. Tricomm Construction is committed to:

- Providing a safe and healthy work environment, but in the event of an injury or illness, making sure workplace rehabilitation is started as soon as possible.
- Ensuring appropriate suitable duties are made available to injured or ill workers to facilitate their safe and early return to work. These duties must be medically approved and will be time limited.
- Respect the confidential nature of medical information and ensure there will be both verbal and written confidentiality.
- Ensuring that all workers are aware that, in the event of injury or illness, they will be consulted to develop their rehabilitation plan for a structured a safe return to work that will not disadvantage them.
- Complying with legislative obligation with respect to the standard of rehabilitation.
- Adopting a multidisciplinary approach to rehabilitation.
- Reviewing these policies and procedures at least every three years to ensure they continue to meet legislative requirements and the needs of all parties.

## Relevant Experience

Tricomm Construction has professional staff covering a range of disciplines, capable of undertaking the most complex of commissions. Tricomm undertake a large number of projects concurrently; however, once we have committed to a project, we maintain the staff and resources to successfully deliver the contracted services. As such we are in a position to meet predicted workloads and undertake the roles required by our clients.

Following is an outline of Tricomm Construction's relevant experience:

- Springwater Fluid Treatment Facility, design, construction and operation / maintain for Santos Ltd.
- System Preventative maintenance.
- Green Field construction services for UF / RO treatment Plants.
- Design Commission and operate pH. correction plant for Ro Buffer dam.
- Design and construction services for the Cronulla Storm Water Harvesting project for the Sutherland Shire Council.
- Design for the Sundance Project, a 247 lot development at Barham for Langford Lifestyles.
- Plumbing and civil service for the Point Boston project; installation of the MBR and UF treatment plants.
- Project management and construction services for the Liddell Coal mine maintenance facility.
- Construction services for Patrick's First Flush Treatment system at Port Botany. Duties ranged from plumbing services to civil construction works.
- Civil and technical services for water treatment facilities works range from general access, infrastructure installation to the requirement of our clients.
- Civil related works for various communication vendors. Duties range from earth works, pit and pipe, access tracks, foundations, facility construction and compound works



## Springwater Fluid Treatment Facility

### FCF Plant Capabilities

- Reduce amount of suspended solids and neutralises pH
- Maximum design rate of 50,000 L per hour
- Can operate for up to 10 hours per day
- Involves a 4-stage treatment process



### 4-Stage Treatment Process

Neutralise pH

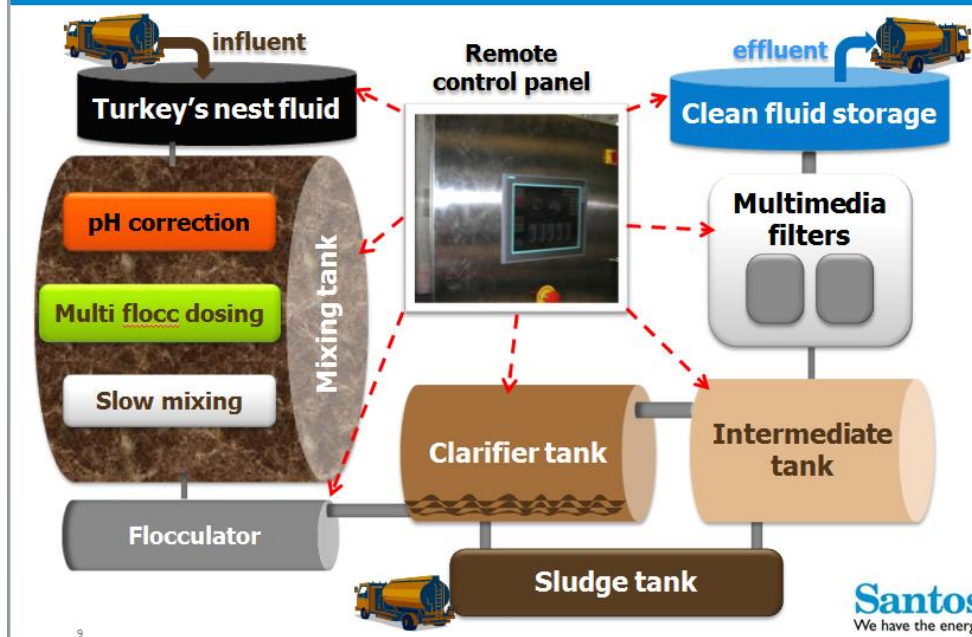
Flocculation

Clarification

Filtration



## Treatment Process



The main purpose of the plant is to minimise environmental risks associated with fluid stored in legacy lease pits. Environmental risks such as

- Environmental incidents from fluid overflows or releases.
- Non-compliance with environmental statutory and internal obligations, such as conditions in our EA or EHSMS standards (e.g. poor structural integrity or liner conditions, lack of suitable fencing).
- Pit contaminated with other fluids, increase volume (risk of overflow) and cost for offsite transport and treatment (fracking fluid).

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