

2017

# Water & Sewage Treatment Operations



**Resurgent  
Maintenance  
Services**

# ABOUT US

RMS is a family owned and operated Australian business established in 2017, that offers cost effective services within the water and waste water treatment industry incorporating the sectors of mining, local council and commercial sites across Australia.

It's imperative that treatment plants are operated by staff that are well trained and properly certified. We pride ourselves in having water industry verified plant operators, all of whom hold a current minimum Certificate III in Water Operations. Our staff have over 10 years consolidated experience working on water and waste water treatment plants located on mining villages, mine sites, council sites, resorts and commercial installations.

Our extensive expertise in delivering flexible waste water and water treatment solutions across various plants from reed beds, disinfection of bore sites to reverse osmosis operations. We work with our client to ensure we are exceeding client expectations by reducing capital and operating costs without compromising quality.

RMS prides itself in maintaining quality and innovation in the services we provide to our clients through close liaison with regulatory bodies, water authorities and water industry groups, and will tailor a solution to suit your needs and requirements whilst adhering to Local, State and National regulations and guidelines.

We are able to service 5 to 10,000-plus EP plants for small towns, mine sites, tourist parks and accommodation camps.

# ABOUT OUR SERVICES

## OUR SERVICES

The listed services include but are not limited to:

- Water industry certified water and waste water plant operators on a full time, part time basis Water industry certified water operators for relief operations within 24-48 hours
- Water industry certified field operations - Sample collection, pH, Chlorine Field procedures and reporting on the day to day plant operations Ensured communications and coordinated responses of all stakeholders 24/7 Support, Local Availability & Depth of experience and support Monitoring of feed water dam levels
- Reporting to onsite supervisors & environmental team Data logging of plant performance
- Operate and maintain contract operators for water & waste water treatment plant operations
- Compliance testing
- Work to client's rosters and time frames
- Service pumps and motors on most plants including STP & WTP.
- Work to client's rosters and time frames
- Maintain grass surrounding irrigation valve and sprinkler heads Complete audits on plant
- Service site water treatment facility Service site bores
- Sample and complete COC for lab analysis Service all relevant pumping devices on site Service and maintain site STP and WTP Service and maintain surrounding bores Service and maintain site irrigation fields

## EXTENT OF CAPABILITIES

We employ an experienced team of operators, electricians, maintenance tradesmen, technical officers, and where required specialized consultants who have commissioned, operated & maintained water and waste water treatment plants.

Our team have experience servicing remote accommodation facilities, mine sites, municipal sites, commercial sites and their supported water infrastructure to provide an operation and maintenance service. We have the capacity to operate all water and waste water treatment facilities and have considerable experience in the maintenance of such facilities.

The company has experience operating several process systems for the treatment of water and waste water, utilizing various technologies including:

- \* Membrane Filtration
- \* Reverse Osmosis
- \* Ultra-filtration
- \* Micro-filtration
- \* Chemical Dosing
- \* UV Disinfection
- \* Disinfection Facilities
- \* Clarification
- \* U Tube Clarified
- \* Extended Aeration
- \* Sequence Batch Reactor
- \* Weir Clarifier
- \* DAF Recycled Water
- \* DAF Thickening
- \* Biological Nutrient Removal
- \* Flocculation
- \* Bio Solid Optimization
- \* Bore Disinfection
- \* Bio Filter / Trickling Filtration
- \* SCADA
- \* PLC
- \* Clarifier / Sand Filtration
- \* Conventional Activated Sludge
- \* Sludge De-watering & Sludge Handling

## SITE EXPERIENCE

We can assess the design capability of a plant and check this against a performance assessment by visual and instrument checks, as well as monitoring and collating available data. The results of our assessments are included in comprehensive reports, describing the plants capability, and take the necessary steps to either tune the plant or modify it to produce effluent to meet the statutory standards or provide cost saving in disposal charges.

Operational process optimization through reference to biochemical process kinetics can often yield capacity and performance improvements which minimize or even negate the need for further infrastructure investment.

Our staff experience has been gained across various sites including but not limited to:

### Mine Sites

Adani	- Carmichael
BHP	- BMA Blackwater M
Rio Tinto	- Clermont Coal & Blair Athol
Yancoal	- Yarabee
Idemitsu	- Ensham
Pacific National	- Nebo Site
Thiess	- Jellinbah
Blackdown Services	- North Goonyella

### Council Sites

Isaac Regional Council  
Mackay Regional Council  
Cloncurry Shire Council

### Commercial

Rubyvale Hotel

# ABOUT OUR SERVICES

## SITE LEAD AND RESPONSE TIMES

### Definition:

<b>Critical:</b>	Priority 1:	Consequence Level Catastrophic / Resulting License or Health Breach
<b>High:</b>	Priority 2	Consequence Level Extreme / Resulting License or Health Breach
<b>Moderate:</b>	Priority 3:	Consequence Level High
<b>Low:</b>	Priority 4:	Consequence Level Medium
<b>Very Low:</b>	Priority 5:	Consequence Level Low

### Response Times:

<b>Priority 1:</b>	1	Hour
<b>Priority 2:</b>	3	Hours
<b>Priority 3:</b>	12	Hours
<b>Priority 4 &amp; 5:</b>	24	Hours

## ENVIRONMENTAL OBLIGATIONS

RMS actively encourages their employees to report safety and environmental hazards immediately to both onsite management and RMS

In the event that hazards are identified / reported and proper rectification is beyond the control of either company, a referral will be made to the appropriate body. RMS will ensure control measures will be implemented pending permanent rectification.

Any potential hazardous substances onsite shall be provided a safety data sheet. Hazardous material of any quantity shall be stored isolated in accordance with the SDS.

Prior to using hazardous substances all employees/contractors to RMS involved in its use or issue will be provided all relevant information and training to ensure they are aware of how to use the substance material safely.

## ADDITIONAL SERVICES

RMS can also offer the following services:

- Back Flow Testing
- Plumbing works including:
  - New Plumbing
  - Maintenance on existing
  - Residential & commercial dwelling
- Relief WTP & STP operators
- Fault Finding
- Consultancy regarding Plant Issues
- Operator support and assistance
- Routine servicing and operations
- Routine monitoring of plants
- Sampling services of plants, equipment and water sites
- Equipment servicing and preventative maintenance
- Design, build, construct and install of packaged plants