

RUBICON MICRO PRODUCT OVERVIEW

**RUBICON
MICROTM**
Water Purifier Powder

A high-quality, close-up photograph of a water surface from an underwater perspective. The top of the frame shows the wavy, rippling surface of the water, with numerous small, clear bubbles trapped just beneath it. The water itself is a deep, clear blue, and the overall lighting is bright and clean, creating a sense of purity and freshness.

What is RUBICON-MICRO?

Water Purification Powders

INTRODUCTION

RUBICON water purification powder is a global breakthrough in inorganic water disinfectants.

The zero chlorine, non toxic and highly effective treatment for potable, sewerage, grey, black, swimming pool AND 'Acid Mine Drainage'.

A lightweight & cost-effective white powder.

KEY FEATURES

Sustainable

Cost effective

Non-toxic & safe

100% Chlorine Free

Odourless & tasteless

Unaffected by UV degradation

Decompose into water and oxygen

Fast dissolving & very easy to dose



BENEFITS

100% KILLS

E.coli, cholera, bacterias, fungi, viruses and other pathogenic organisms, phenols and other spores

Does not create Trihalomethane's (THM's) or HAA's disinfection by-products (DBPs)

Enhances ECO plant life and conditions the human body

Long lasting residue effect and NON flammable

Removes arsenic, cyanide & fluoride

Reducing single use plastic!



VOLUME / SUPPLY OPTIONS



3.5g Sachets - for personal and domestic use

25kg Bucket - for domestic and corporate use

250 kg (1/2 Batch) - for corporate & industrial

550 kg (Full Batch) - for industrial & municipalities



CHL  RINE

VS

RUBICON
MICROTM
Water Purifier Powder

Rubicon	Chlorine
One treatment	Pretreatment and sanitizing (Multiple treatments)
High Residual Value (active 72 hours after application)	Low residual value
Potent Sanitiser, Odour Control, Cyanide Removal, Arsenic Remediation, Removes Fluoride.	Disinfectant By-Products (DBP's) such as THM's, HAA's, MX-Factor, DCA's
Arsenic remediation: elimination of toxic As (III) from contaminated soil & groundwater. Rapid oxidation of As(III) to As(V) Arsenic.	No
Reduces COD / TOC (COD = Chemical Oxygen Demand; TOC = Total Organic Carbon)	No
Treats water for Pharmaceuticals, Home & personal care, Food processing, Wood processing, Distilleries, Paper mills, Textiles / dyes	No
Degrades Large Organic Compounds (Pharmaceuticals)	No
No	Requires Stabilisers
No	Harmful to the eyes
No	Irritating the skin
No	Forms Disinfection By-Products (see above)

Rubicon	Chlorine
Safe for human consumption, harmless, tasteless, and non-toxic	Toxic / Poisonous
No	Dangerous To Store
No	Flammable Reactive
No	Bleach Spots
Increases oxygen	Depletes Oxygen
Odourless	Noxious Odour
No	Allergenic
No, 100% Environmentally Friendly	Toxic to aquatic life
Eco not affected by turbidity	Chlorine provide lower disinfection effectiveness in turbid waters
Un-effected by UV degradation	Degraded by Sunlight

ACCREDITATIONS & PARTNERS

Official documentations available on request



RUBICON

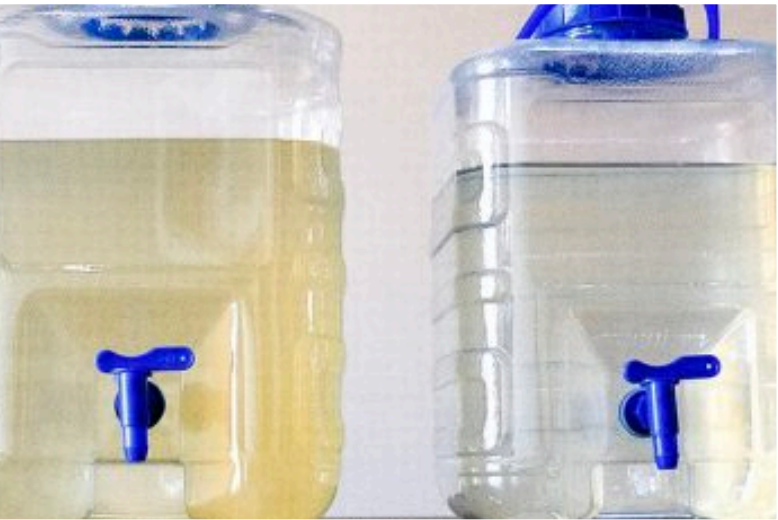
**Product Range Has 4
Application Focus Areas**

**RUBICON
MICRO™**
Water Purifier Powder

**RUBI
CLEAR™**
Pool Treatment Powder

**RUBICON
AML™**
Acid Mine Drainage

**RUBICON
ECU™**
Bulk Sanitiser Powder



**RUBICON
MICRO™**
Water Purifier Powder

**Treatment for
Potable Water**

**RUBICON
ECO™**
Bulk Sanitiser Powder

A dynamic background image showing a close-up of water splashing, with numerous bubbles and droplets suspended in the air and on the water's surface. The water is a clear, vibrant blue.

RUBICON
MICROTM
Water Purifier Powder

UNPACKED

BULK APPLICATION METHOD



ANY
existing purification or filtration system will benefit when
incorporating **RUBICON purifying powders** in the
disinfectant or purifying phase.

BULK APPLICATION BENEFITS

HOWEVER

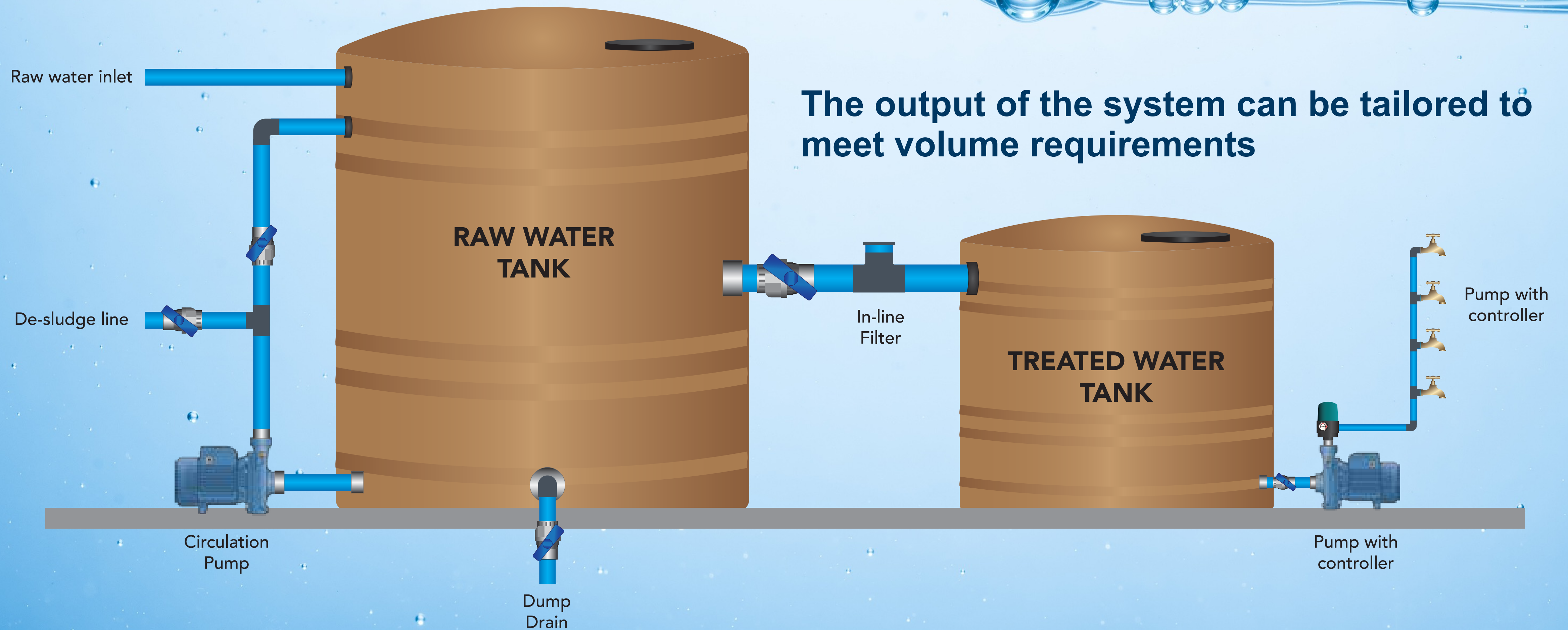
The **RUBICON ECO** product application method is so simple, minimal to no filtration tanks are required when using **RUBICON purification powders**.

If the raw water tank filling process is gravity-based, the treatment method does not necessarily require electricity. At most, a small solar panel.

Any natural water source, borehole or on-site water supply would be used and treated with **RUBICON purification powders** before distribution.

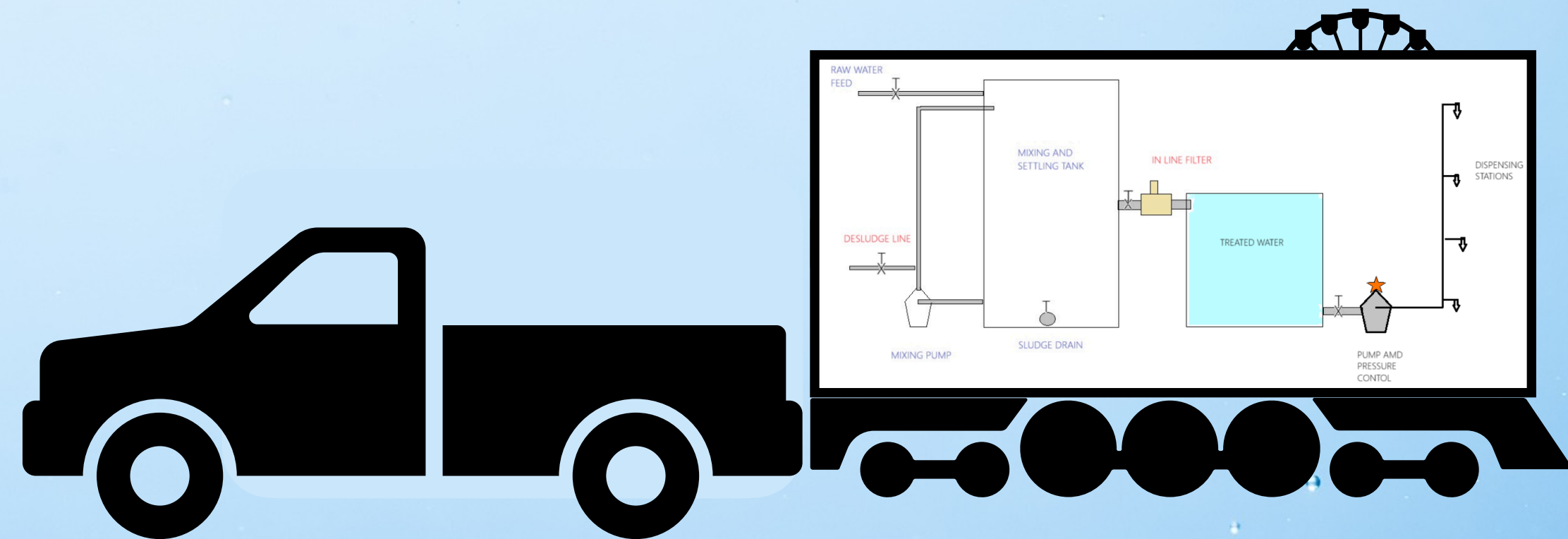
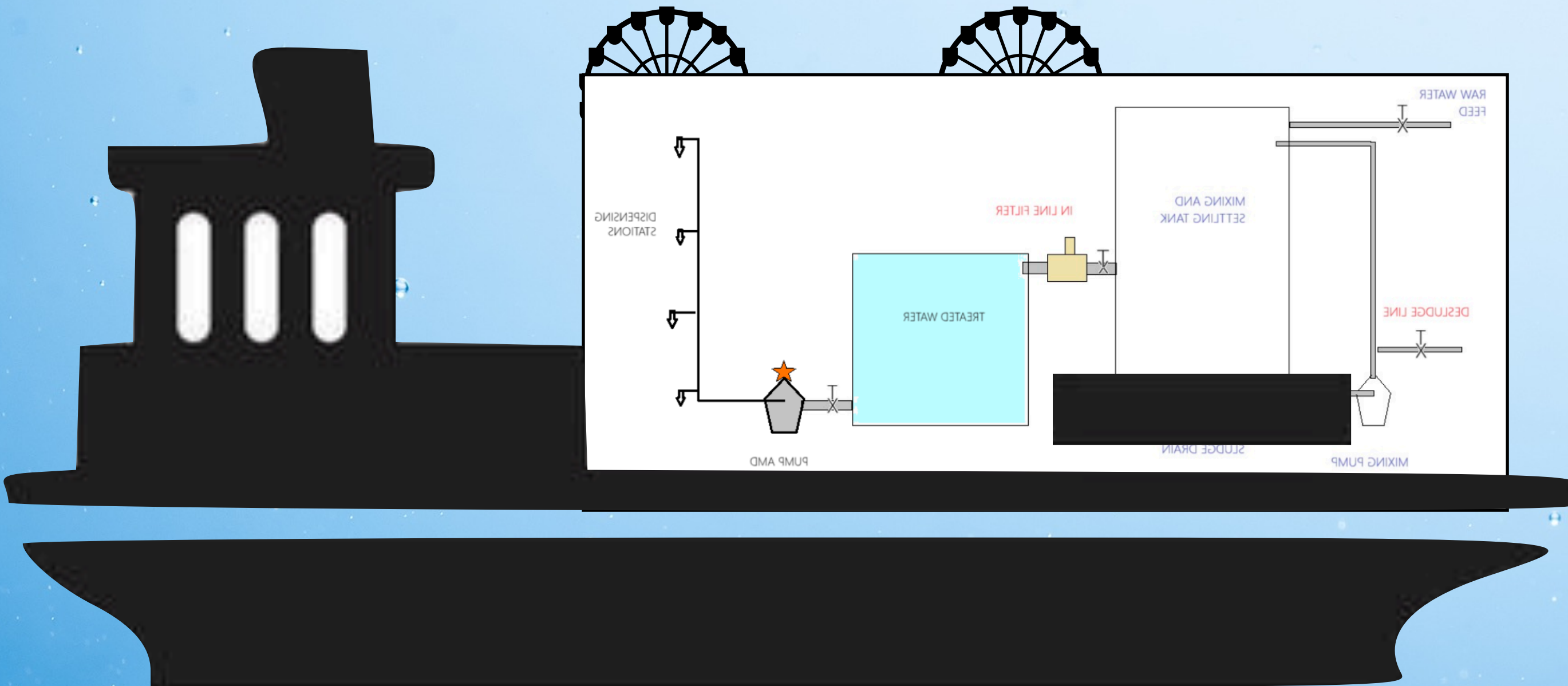
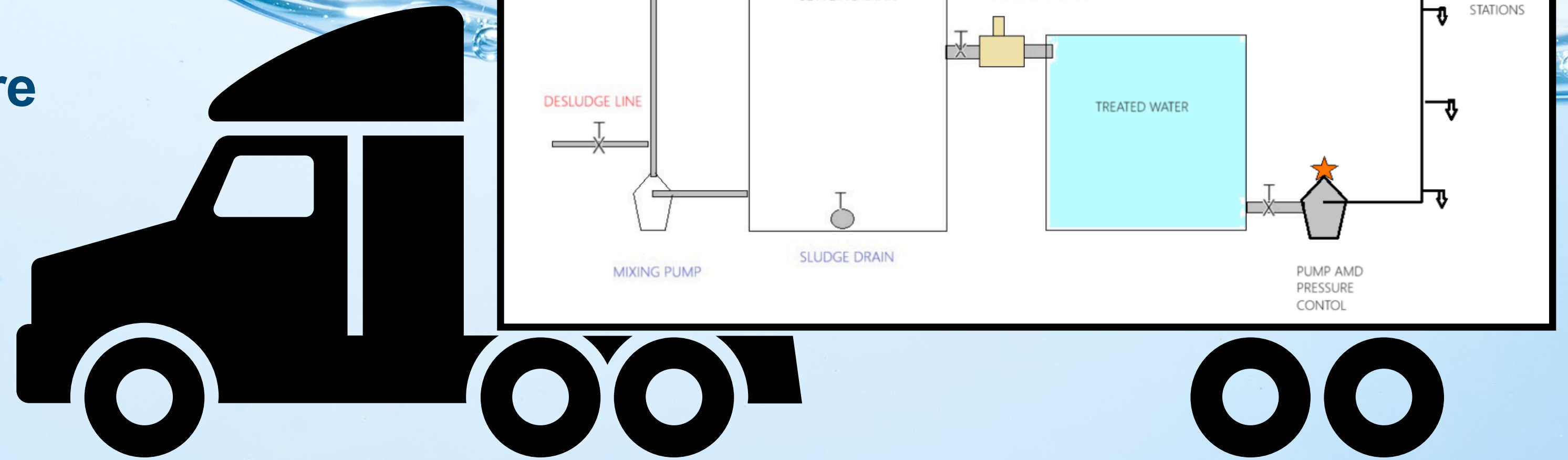
Systems can be fully containerised, secure and in chilled ventilation. Minimal maintenance costs.

SIMPLE BULK INDUSTRIAL SYSTEM DESIGN



“PLUG & PLAY” SYSTEMS

Suitable for onsite use in a secure container, or on the go as a mobile unit or boat.



QUANTITY OF DOSES WITHIN AN ORDER

Order Option	Total Amount in Grams	Total Litres Treated	Total # of Doses / Order
1000 x sachets	3 500	25 000	1 000
Full Batch 550kg	550 000	3 928 571	157 143
1/2 Batch 250kg	250 000	1 964 286	78 571
1 x 25kg bucket	25 000	178 571	7 143

RUBICON DOSAGE CHART

Number of doses required for a single tank or ‘batch’ treatment, and over time can be scaled up to as many litres a site would required, every hour.

Tank Size <small>Litre or Volume required per day or per 1 x Treated 'Batch'</small>	Tank size/ 25lt <small>SACHETS or DOSAGE Units Needed</small>	Units x 3.5g <small>TOTAL GRAMS Per 'batch'</small>	Dosages <small>required for 1 MONTH</small>	Dosages <small>required for 1 YEAR</small>	Dosages <small>required for 3 YEARS</small>	Dosages <small>required for 5 YEARS</small>
200	8	28	248	2 920	8 760	51 100
1000	40	140	1 240	14 600	43 800	255 500
5000	200	700	6 200	73 000	219 000	1 277 500

*The SANS 241 & World Health Organisation drinking water standards are met by treating water with Rubicon purifying powders. A 30l raw water test sample is required, to ensure the system will produce compliant water.

CHEERS

