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by Increasing Production
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**HIGHEST QUALITY
METERING PUMPS & FLOWMETERS
for Water & Wastewater Treatment**

**ProSeries-M M-2
Peristaltic Metering Pump**

M-2 Features and Benefits Include:

- ▲ 200:1 turndown.
- ▲ Max feed rate to 57 lph, max pressure 8.6 bar.
- ▲ 2 Year Warranty.

**A3 SERIES
Peristaltic Metering Pump**

M-2 Features and Benefits Include:

- ▲ 2500:1 turndown.
- ▲ Max feed rate to 126 lph, max pressure 8.6 bar.
- ▲ Five Year Warranty.

**SONIC-PRO
Ultrasonic Flowmeter**

▲ For clean or dirty fluids. ▲ Clamp-on transducers

**BW DIGI-METER
Flow Monitoring**

Variable Area Flowmeters

Blue-White Industries, Ltd. 5300 Business Drive, Huntington Beach, CA 92649 USA
 tel: +1+714-893-8529 · fax: +1+714-894-9492
 sales@blue-white.com · www.blue-white.com

Notable Work at a U.A.E Waste-water Plant



WWTP Fujairah, U.A.E

Passavant-Roediger has successfully completed the construction of the Wastewater Treatment Plant (WWTP) Fujairah in the U.A.E., having a daily treatment capacity of 16,000 m³, serving a population of 91,400 inhabitants. Passavant-Roediger FZE is the U.A.E.-based subsidiary of Passavant-Roediger GmbH, Germany, extending the company's global presence in the Middle East and North African Region.

Pre-treatment of the wastewater is executed by an automatic fine screen and 2 aerated grit and grease chambers, followed by primary sedimentation, utilizing a shield sludge scraper and eccentric screw primary sludge pumps.

The Biological Wastewater Treatment makes use of the Activated Sludge Process and nitrification (partly de-nitrification) in anoxic tanks. Secondary Sedimentation is executed with sludge scrapers/pumps and is followed by Tertiary Treatment through sand filtration and chlorination.

The mechanical sludge thickening is executed with belt thickeners, before the sludge is further processed in a 2,500 m³ cylindrical digester with Passavant-Roediger's propriety, world-renowned sequential injection mixing system and finally, dewatered by belt filter presses. To complete the Wastewater Treatment as an environmental resource-protecting Re-Use Process, biogas is generated and stored in 2 dual-fuel boilers, 400 kW each. ■

Offering Experience

DRAUSY offers an intelligent hose system permitting homogenous dispersion of liquids or gases over wide areas. The patented system regulates the size of the outlet holes in the hose according to the inside pressure. As a result, all openings have equal outflow regardless of hose's length or the ups and downs of topography. A multitude of applications for wastewater treatment is industrially proven such as: Treatment within sewage networks to avoid H₂S development; Odor nuisance is banished, and no more corrosion due to H₂S; Guarantee of H₂S-free wastewater by linear dispersion with agents as air, oxygen gas, Calcium nitrate or diluted peroxide. ■

DRAUSY Value Creation – Repair and Odour in Sewage networks:

Actually there is odour nuisance and intensive corrosion due to H₂S generation within fouling wastewater. Linear dispersion of little quantities of air avoids this production of H₂S as microbiology in aerobic environment does not produce this gas. DRAUSY makes it possible.

DRAUSY in a Pressure-Main,
Tanger (Morokko) - no more H₂S

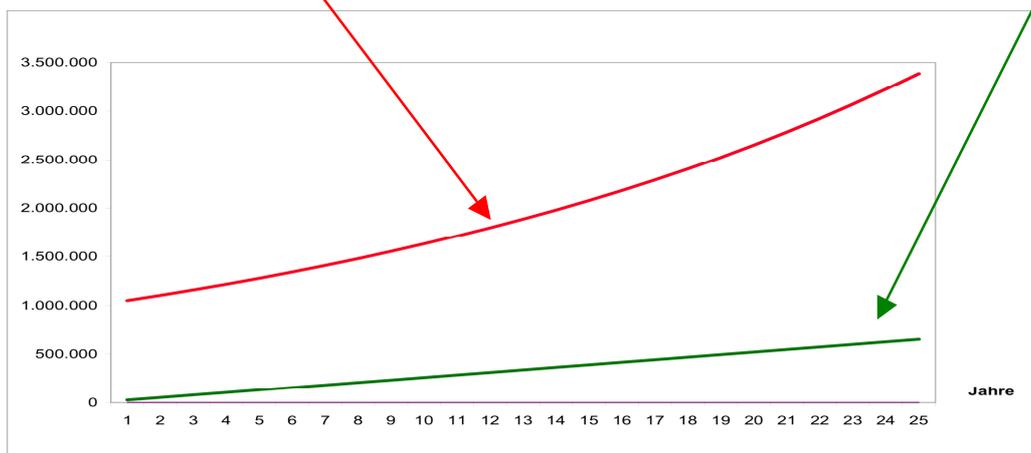


DRAUSY in a Gravity-Main, Paris



Technical evaluation reports are at your disposition

Cost comparing renovation of 1,000 m sewer pipe during 25 years:
Cost repairing with an Inliner versus Linear DRAUSY Treatment:



Less investment, less operation cost result in a tremendous INCREASE OF VALUE compared to stable water- wastewater-prices. These sums can be at disposition to assure the necessary repairs in the networks.