



Consultation

Wastewater treatment plant Kunming, China



INFORMATION ABOUT THE OBJECT:

The town twinning between Zürich and Kunming exists for over 30 years. The division for the disposal of waste in Zürich, Entsorgung + Recycling Zürich, counsels the public authorities and specialists on wastewater treatment and urban drainage. The main challenge is the bad water quality of the Dianchi-Lake which is caused by insufficient drainage connections and cleaning capacity at the wastewater treatment plant.

On one hand, the advisory mandate includes increase of treatment capacity, operational control and supervision under consideration of energy efficiency. On the other hand, the partners in Zürich give advice on central questions about urban maintenance and support, as well as flood control and urban drainage modelling. To answer these questions Hunziker Betatech accompanies the client one or two times a year to Kunming

OUR COUNSELING TOPICS:

- Optimization and operational support for the wastewater treatment plant and sludge dewatering, including sewage gas
- General Energy saving measures (thermic and electric)
- Support for the introduction of a Energy controlling at the wastewater treatment plant
- Electrical energy optimisation on pumps, ventilation, biological treatment and UV-sanitation
- Support on the development of operational control over a process control system
- Planing of maintenance and repair at wastewater treatment plant and canalisation
- Flood protection measures with retention and infiltration
- Support on modelling of the drainage network
- Demonstration of cost models
- Recommendations to supervisory bodies

CLIENT:

Entsorgung + Recycling Zürich

OBJECT:

Wastewater treatment plants and urban drainage in Kunming

REALISATION:

2013-2015

COST:

Planing: 60'000 CHF

Hunziker Betatech AG

Pflanzschulstrasse 17
Postfach 83
8411 Winterthur
Phone +41 52 234 50 50

Local offices

Zürich, Bern, Lausanne, Bülach, Aadorf
Olten, St. Blasien (D)

www.hunziker-betatech.ch

HUNZIKER BETATECH

WATER
CONSTRUCTION
ENVIRONMENT



Outflow from the first wastewater treatment plant in Kunming. Gladly we provide advice, in waste water management, process and energy optimisation and flood control, for our partner in Kunming as part of the town twinning project.



Round clarification basin at the first wastewater treatment plant in Kunming. Gladly we provide advice, in waste water management, process and energy optimisation and flood control, for our partner in Kunming as part of the town twinning project.

Hunziker Betatech AG

Pflanzschulstrasse 17
Postfach 83
8411 Winterthur
Phone +41 52 234 50 50

Local offices

Zürich, Bern, Lausanne, Bülach, Aadorf
Olten, St. Blasien (D)

www.hunziker-betatech.ch

HUNZIKERBETATECH

WATER
CONSTRUCTION
ENVIRONMENT