BioComb®

Integrated Wastewater Treatment Equipment

Bioreactor-Clarifier Combo

Beijing BHT Environmental Technology Co., Ltd

Introduction of BioComb

BioComb (Bioreactor Clarifier Combo) is a high-end compact integrated wastewater treatment equipment designed by the R&D team of BHT specifically for **small or mobile distributed** wastewater treatment systems. All equipment is integrated into a standard container.

BioComb effluent can reach a variety of discharge standards such as Class A or Class B emission standard in GB18918-2002.

Applicaions:

- Concentrated communities under 10,000 population size, rural areas, high-speed service areas, remote villa areas, nursing homes, military barracks, schools and hotels, etc.;
- Point source interception along rivers and black-smelling water bodies;
- Discharge of domestic sewage under **2000m^3/d**;
- Industrial or other wastewater with equivalent target pollutants;
- All other small de-centralized or decentralized wastewater treatment stations.

Process Technology Profile

BioComb®

Process technology:

AO mixed oxidation or MBBR process.

Shell form:

Standard ISO shipping container, compliant with international ISO requirements for strength and corrosion resistance.

Key Components:

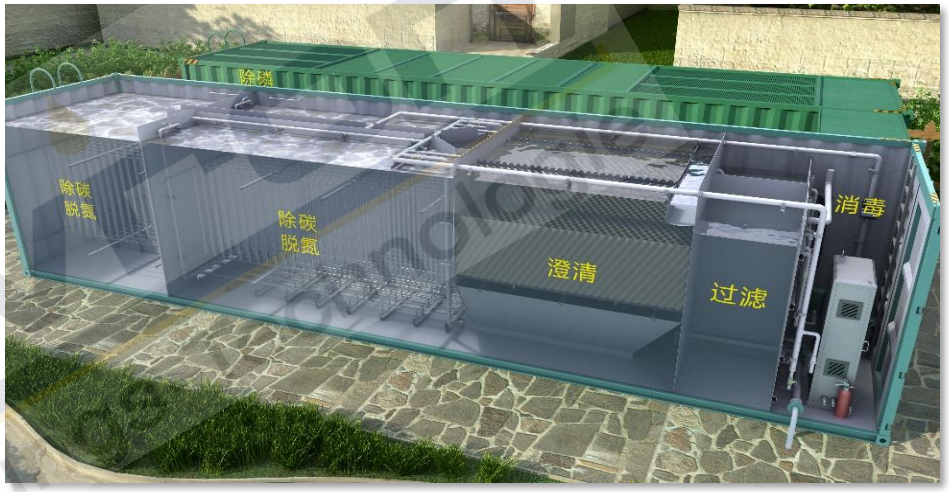
Aeration System: German-made NDI membrane diffusers (10+ years lifespan).

Bio-Filler: Japanese TBR series woven filler (PP + vinylon, 10+ years lifespan).

Blower: Japanese-made Shih-Kang or Best rotary blowers.

Filtration: Static sand filter with automatic backwash module.

Disinfection: Chlorine tablet or UV disinfection.



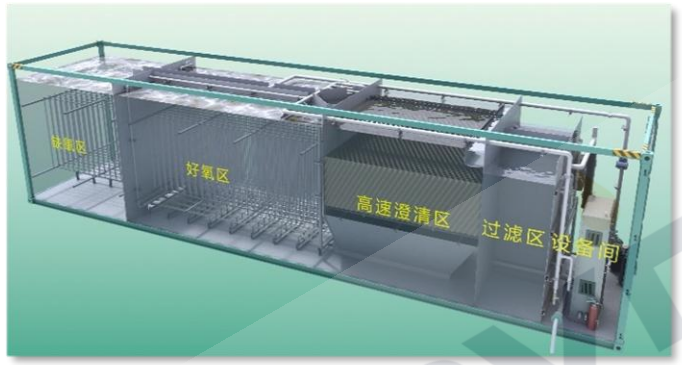
Effluent Water Quality Standards

Index	BioComb（Standard Container, Class B）	BioComb（Rased Container, Class A）
COD	< 60 mg/L	< 50 mg/L
BOD	< 20 mg/L	< 10 mg/L
NH_4^+ -N	< 10mg/L	< 5（8）mg/L
TN	< 20mg/L	< 15mg/L
TSS	< 20 mg/L	< 10 mg/L
TP	< 1.0mg/L	< 0.5mg/L

Equipment Advantages

BioComb®

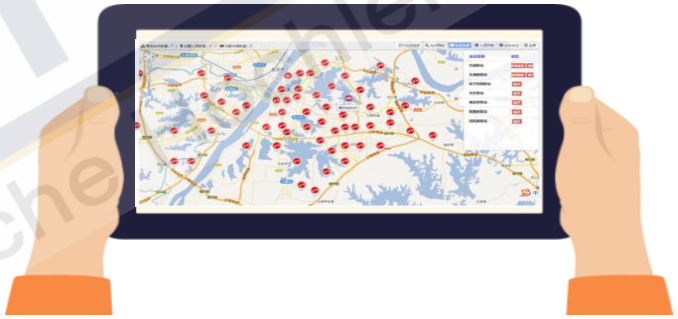
Standardized manufacturing,
outstanding quality,
long service life



Advanced technology,
ultra-low energy consumption,
stable and **reliable** operation

Integrated design,
customized appearance

Containerized transportation,
convenient and **quick** transfer



Intelligent control,
easy operation and **maintenance**

Small floor area,
low civil construction costs

Honors and Certifications

BioComb®

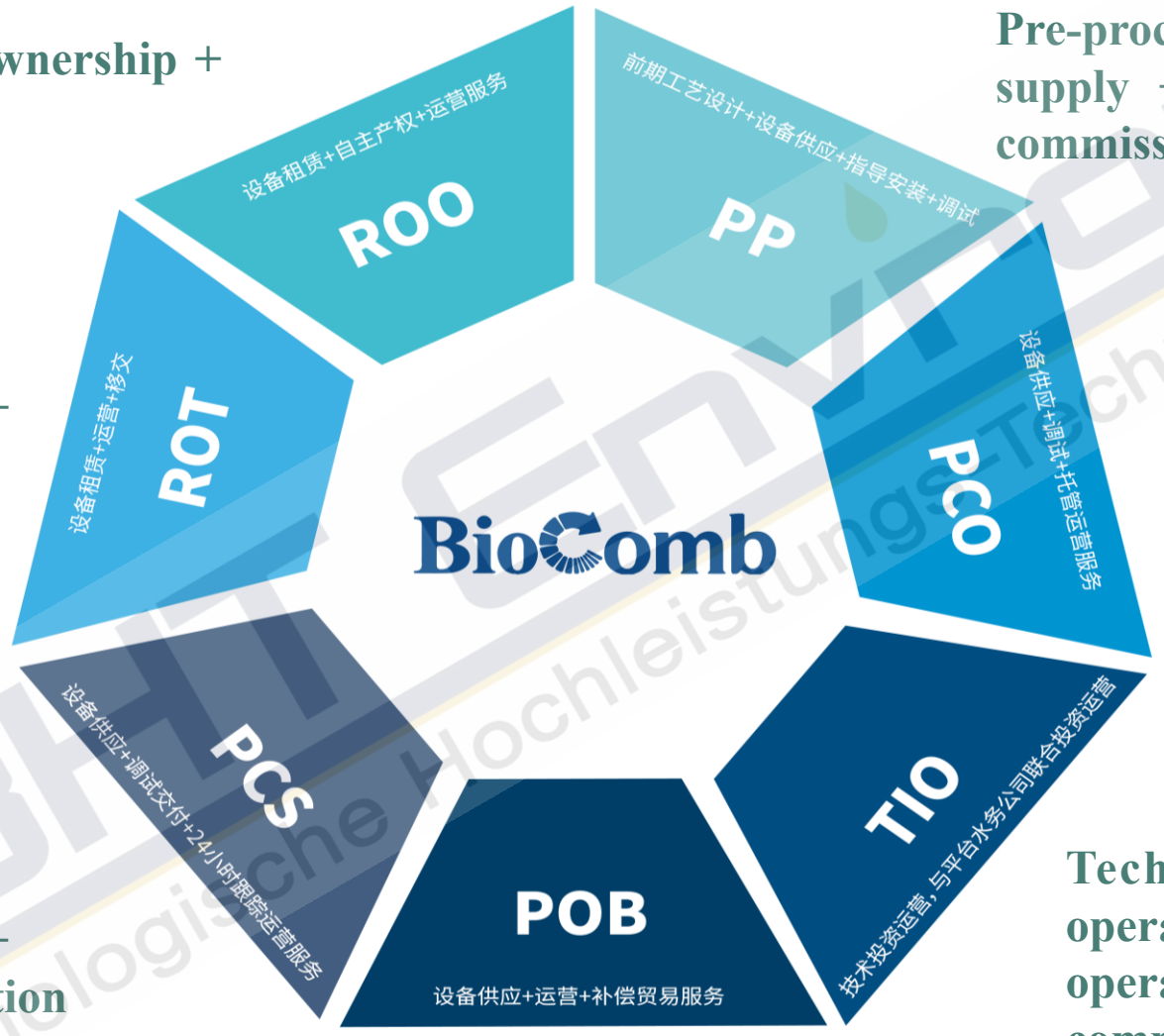
- The first batch of major environmental protection technology and equipment encouraged by the state (2017/2020) supporting units
- Selected into the "List of National Key Environmental Protection Practical Technologies"
- The patented technology has won the certification of "New Technologies, New Products (Services) in Beijing"
- Selected into the Catalogue of Technologies and Products for Green Highway Construction in 2019
- **Editorial Board Member of the National Standard "Technical Requirements for Evaluation of Operation Effect of Rural Domestic Sewage Treatment Facilities" GB/T 40201 - 2021**
- **Editorial Board Member of the National Standard Plan GB "Complete Set of Sewage Treatment Equipment"**
- **Editorial Board Member of the Local Standard Plan DB "Technical Regulations for Sewage Treatment in Villages and Towns of Xiongan New Area"**
- **Editorial Board Member of the Group Standard "Evaluation and Certification Rules for Small-scale Domestic Sewage Treatment Equipment" (T/CCPITCUDC-002-2021)**
- **Editorial Board Member of the Group Standard "Standard for Small-scale Domestic Sewage Treatment Equipment" (T/CCPITCUDC-001-2021)**
- **Take the lead in the Group Standard Plan "Technical Specification for Integrated High-sludge Concentration and Low-dissolved Oxygen Activated Sludge Treatment Process"**

Business Model

BioComb®

Equipment leasing + ownership + operation services

Pre-process design + equipment supply + installation guidance + commissioning



Operation leasing + operation + handover

Equipment supply + commissioning + managed operation services

Equipment supply+ commissioning delivery+ 24-hour tracking operation service

Technology investment and operation, joint investment and operation with platform water companies

Equipment supply + operation + compensation trade services

Technical Details - Enclosure (Structure & Corrosion Protection)

The **BioComb** shell is a standard shipping container manufactured by CIMC Specialized Container Factory on an OEM basis. Its metal frame adopts SS400 weathering steel (with a minimum tensile strength of 400 MPa), achieving a maximum deformation of ≤5 mm when fully water-loaded.

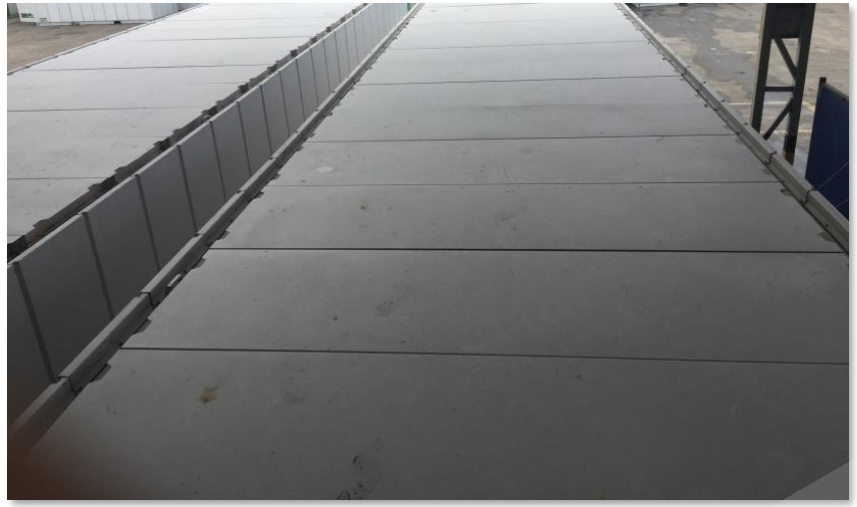
The inner anti-corrosion treatment (including the bottom surface) consists of :

one layer of zinc-rich primer (30μm) + two layers of marine-grade heavy-duty anti-corrosive topcoat (total 320 μm).

The external anti-corrosion system comprises three coatings:

Zinc-rich primer (40 μm); Epoxy mica iron oxide intermediate coat (50 μm); Acrylic topcoat (50 μm). In regions with intense ultraviolet radiation, a fluoro-polyurethane topcoat is used instead.

Technical Details - Enclosure (Thermal & Acoustic Insulation)



For Cold Climate Applications:

The BioComb shell adopts an insulated sandwich structure when deployed in frigid regions, ensuring the influent temperature remains stable throughout the treatment process. Thermal insulation is achieved by injecting expanded polystyrene (EPS) beads or polyurethane foam panels, featuring:100mm thick insulation layer & sandwich core, Sealed top structure.

Noise Control Measures:

Equipment compartments (blower rooms) are lined with acoustic panels, effectively reducing noise to ≤50 dB(A) at 20 meters during nighttime operations in environmentally sensitive areas.

Technical Details - Aeration System (MAT System)

BioComb®

MAT aeration is a micro-porous aeration technology with low air ventilation volume. It adopts a high-density uniform distribution and a special perforation method. The bubbles are small and rise slowly, ensuring that they have enough time for mass transfer through contact with the water body. This effectively increases the oxygen transfer efficiency. At the same time, it eliminates the aeration blind areas and creates a fully contacting environment for the mixing of sludge and water, ensuring a good oxygen utilization rate.

High oxygen transfer efficiency

MAT pores made of special composite plastics can form tiny bubbles with a size of about 1mm, and the average oxygen transfer efficiency per meter of water depth is as high as 9% under the optimal ventilation rate.

Oxygen utilization is constant

The MAT system is self-cleaning and guarantees a constant oxygen utilization.

Low running costs

The wall thickness of the aeration pipe is only 0.3~0.4mm, and the air overflow resistance ≤1800Pa. Choose a low-power blower to meet the amount of oxygen required for biochemical processes.

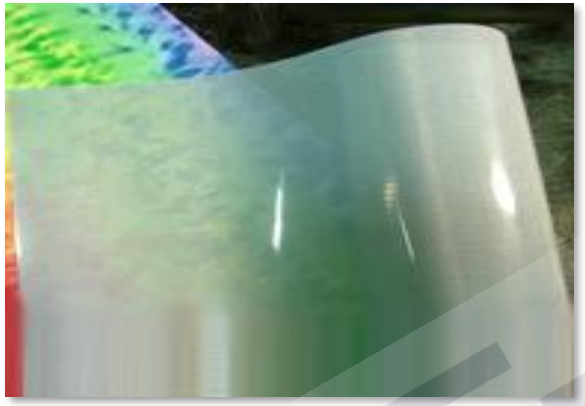
Long service life

MAT base metal is added with special additives, which has high deformation resistance and tear index, and the life of the aeration pipeline is guaranteed for 10 years under normal use.

Microbubbles produced by MAT

The bubbles produced by MAT are small and uniform

Technical Details - Aeration System (MAT System)



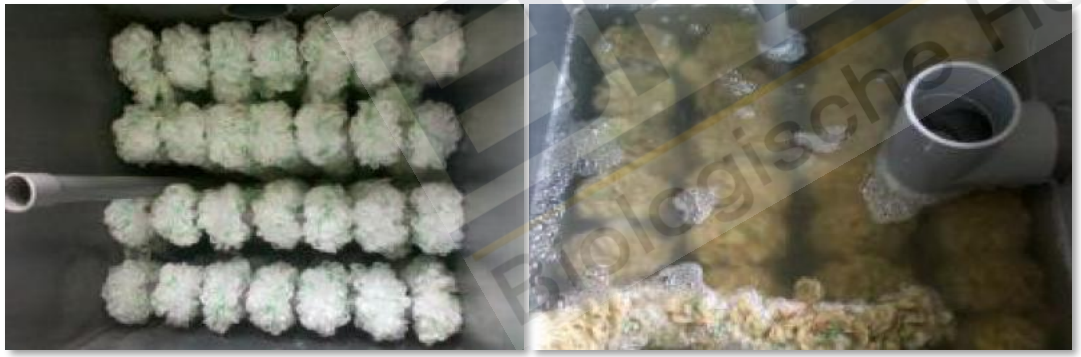
Application Environment	BioDopp MAT	EPDM	Silicone
Soft and anti-cracking	●	△	●
Resistant to organic oils and fats	●	△	◎
Resistant to mineral oil	●	△	◎
Smooth surface	●	△	●
Biodegradable resistant	●	△	●
Resistant to hydrolysis	●	◎	△
Continuous tensile performance	●	◎	◎
UV resistance	●	△	●
Resistant to strong oxidants	●	△	●

●Strong tolerance; ◎Weak tolerance; △Intolerance

Soaking solvent	BioDopp MAT	EPDM	Silicone
60% Sulfuric acid	●	●	●
10% Hydrochloric acid	●	●	●
5% Acetic acid	●	●	●
50% Charged base	●	●	△
95% Ethanol	●	●	●
Acetone	●	△	◎
Benzene	●	△	●
Ethyl acetate	●	△	●
Concentrated ammonia	●	●	◎
Formaldehyde	●	●	●
3% Hydrogen peroxide	●	●	◎
Detergent	●	●	●
White lamp oil	●	◎	●
Unleaded gasoline	●	△	●
Brake fluid	●	△	●
Machinery oil	●	◎	●
50% Ethanol	●	●	●

Soak at room temperature for one month. ●Insoluble; ◎Swelling; △Soluble

Technical Details - Biological Filler (TBR)



The BioComb system employs soft woven media from Japan TBR Corporation, replacing conventional fill materials. Key specifications include:

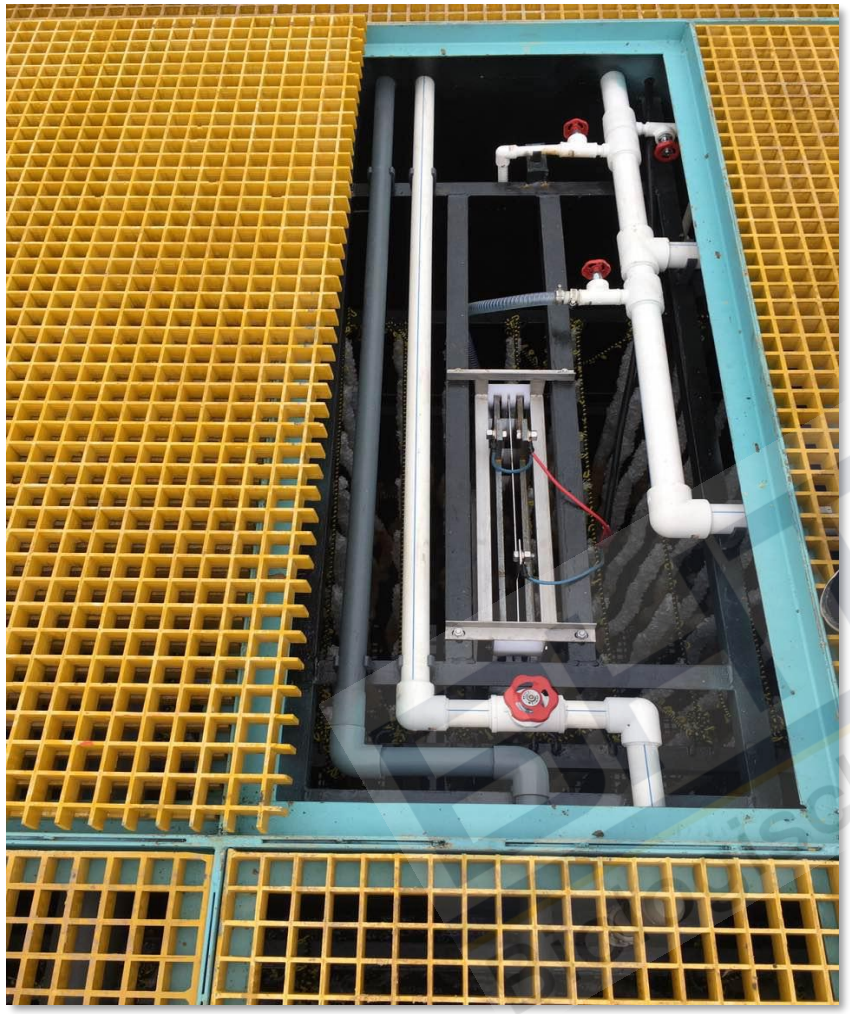
- Media length: 1,500 mm
- Installation grid: 100×100 mm or 150×150 mm

Parameters of the selected media are detailed in the table below:

Project	Units	Data
Fracture pull	N	> 2400
Specific surface area	m^2/m^3	2000~4000
Hanging time	d	3~5
Dissolved oxygen	state	anaerobic\aerobic
Film-forming weight	kgDs/m	≮0.2
Total nitrogen load	$kgTN/m^3d$	0.38~0.54
Nitrification load	$kgTKN(NH_3\text{-}N)/m^3 \cdot d$	0.40~0.60
BOD_5 volumetric load	$kgBOD_5/m^3 \cdot d$	1.51
BOD_5 sludge load	$kgBOD_5/kg \cdot MLSS \cdot d$	0.058~0.072
COD_{Cr} volumetric load	$kgCOD_{Cr}/m^3 \cdot d$	1.89
COD_{Cr} sludge load	$kgCOD_{Cr}/kg \cdot MLSS \cdot d$	0.073~0.090
Service life	year	≥10

Technical Details - Electro and Chemical Phosphorus Removal Systems

BioComb



BioComb integrates an electrophosphate dephosphoriation system in the aeration zone inside the container. Aluminum plates are used for electrophosphorization dephosphionation, which avoids the problems of high polarization voltage of ferroelectrodes, corrosion when parking, and poor energy efficiency.

Phosphorus removal method

Electrolytic phosphorus removal

a. When the total phosphorus (TP) of the influent water is ≤ 3mg/L or the treatment capacity is ≤ 50m³/d.

b. 1kg Al consumption can remove 0.7~0.8kg TP, and 2×25kg aluminum plate electrodes are generally configured.

Chemical phosphorus removal

When the TP of the influent water is > 3mg/L or the treatment capacity is > 50m³/d.

Technical Details - Equipment Room

The **BioComb** system incorporates an equipment room located at one end of the container or within a dedicated standalone container. This integrated space houses auxiliary components including a grit remover, blower, disinfection system, flow metering system, sand filter backwash pump, control cabinet, piping valves, and other supporting equipment.

All pipelines are equipped with electric (solenoid) valves, with all electrical devices centrally controlled through a unified control system. Nearly all operational functions can be executed via the touchscreen interface on the control cabinet, while remote monitoring and control are additionally achievable through a mobile APP.

Technical Details - Multiple Modes of Operation

1)Under sufficient influent flow:

Conventional continuous operation mode.

2) Under insufficient influent flow:

Adopts an intermittent operation mode similar to SBR.

3) During low winter temperatures:

Extends sludge age, increases sludge concentration, and enriches nitrifying bacteria populations.

Equipment startup → **Water inlet pump starts** → **Normal operation** → **Water inlet pump stopped** → **Equipment stops** → **Backwash filter area**

Technical Details - Station Centralized O&M Management Platform

BioComb®

Remote visual management of the site

Implement remote monitoring of subordinate sewage treatment sites, display their distribution and specific project locations via a GIS-based map, and obtain overview information of subordinate sites. Enable real-time comprehensive monitoring of the operational status across all sites, including sewage flow data, equipment activation status, and personnel/vehicle attendance.

Real-time control of production safety

Allow real-time viewing of video stream data from cameras at each site and control camera pan-tilt mechanisms based on operational conditions to observe site operations. Continuously monitor real-time operational parameters of sewage treatment facilities.

阿里云 aliyun.com

HUAXIN DATA

Technical Details - Station Centralized O&M Management Platform

BioComb®

Expert support
Cost analysis
Safe production
Risk control
Remote consultation
Performance appraisal
Comprehensive analysis

Group Operations Center

Localized operations management team

Production report
Daily inspection
Equipment maintenance
Task scheduling
Cost settlement

Security management
Spare parts
Real-time monitoring
Attendance management
Expert assistance

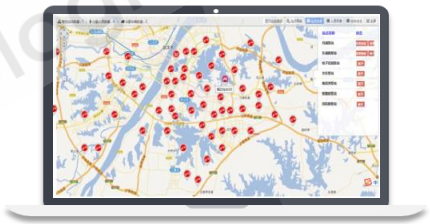
BHT

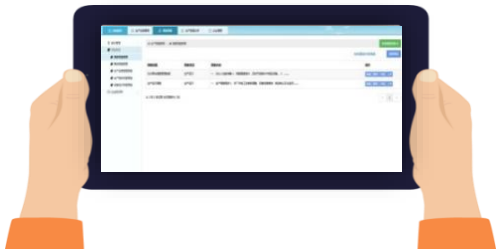
Data collection and transmission from each site to the cloud platform

Process operation
Remote data transmission
Condition monitoring

Equipment of each plant/station

Virtual zone division management





HUAXIN DATA

Technical Details - Optional System

BioComb®

Prefabricated pumping station

Bacteria agent package

Stainless steel liner

Small-scale wind-solar hybrid power generation system

Multi-water quality online monitoring system

Whole process deodorization and dosing system

BioComb Application Scenarios and Cases

BioComb®

BHT invested in the innovation and research and development of the BioComb integrated sewage treatment equipment in 2011. It achieved extensive development and promotion in 2017. As of June 2023, more than **800 sets of BioComb** integrated equipment have been put into use, with a cumulative treated water volume reaching **160,000 m^3/d.** It involves more than **100** sewage treatment projects and covers **20 provincial administrative regions** across the country, as well as overseas countries such as **Sharjah** in the United Arab Emirates and Mongolia.

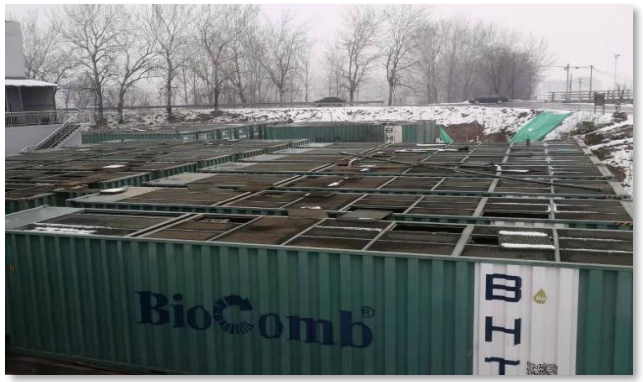
Villa area

Township and rural sewage

High-speed service areas

Treatment of black-smelling water bodies

Container emergency treatment



Sewage plant overflow sewage

Case 1: Continuous Governance

BioComb®

Environmental Comprehensive Improvement Project for Water Sources in Dinghu District, Zhaoqing City

The project is located in Zhaoqing City, Guangdong Province, and is responsible for treating the rural domestic sewage around the drinking water source area. The cumulative total treatment capacity of 22 stations is 1000 m^3 per day. According to the local environmental and climatic characteristics, integrated sewage treatment equipment is provided for centralized treatment, which is combined with artificial wetlands to achieve landscape benefits. The effluent water quality is shown in the following table:

Index	COD	BOD_5	NH_3-N	TN	SS	TP
Influent	300	120	30	40	100	5
Effluent	40	10	5(8)	15	10	0.5

Case 2: Rural Domestic Sewage

BioComb®

Rural Domestic Sewage Project in Taohua Village and Litao Village, Hainan Province

The amount of rural sewage fluctuates greatly with different seasons and regions, so it is difficult to make statistics. The discharge is relatively dispersed, the individual water volume is small, and the state is discontinuous.

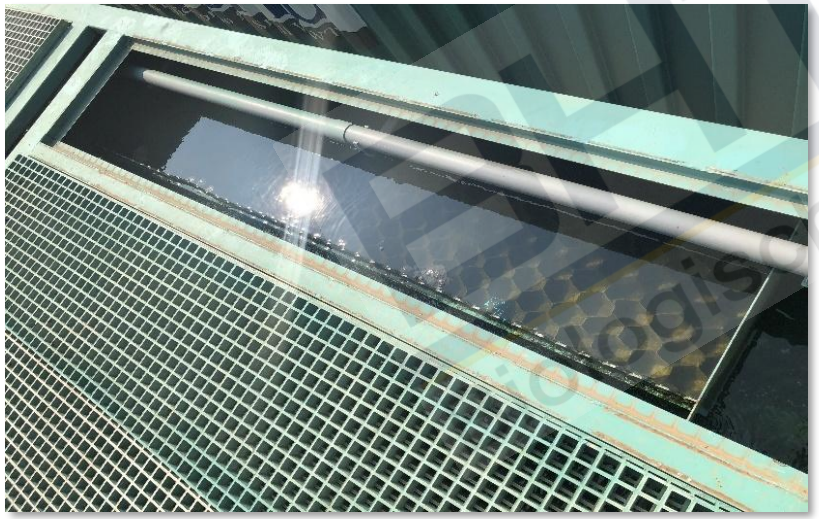
The project is located in Taoyuan Village and Litao Village, Hainan Province, to treat rural domestic sewage, We provide 2 sets of BioComb for Taoyuan Village with a treatment scale of 400 m^3/d, and 1 set of BioComb for Litao Village with a treatment scale of 50 m^3/d, all of which meet the class A standard.

Index	COD	BOD_5	NH_3-N	TN	SS	TP
Influent	250	120	30	40	200	4
Effluent	50	10	5(8)	15	10	0.5

Case 3: Emergency Assistance for River Pollution Interception

BioComb®

Fuchuang Creek Water Environment Treatment Project in Haikou City



The BioComb integrated sewage treatment equipment is located in the PPP project for the comprehensive management of the water environment of Fuchuangxi-Yidapai Ditch in Haikou City. 27 sets of integrated sewage treatment equipment and supporting regulating tanks are installed, and the treatment capacity of each single equipment is not less than 200 m³/d. Among them, the treatment scale of the Guilin Yang Station is 4,000 m³/d, and 20 sets of equipment are used; the treatment scale of the Fuchuangxi Station is 1,200 m³/d, and 7 sets of equipment are used.

Case 4: High-speed Service Area Project

BioComb®

Shandong High-speed Service Area Wastewater Treatment Project

The project involves 20 pairs of service areas such as Jingtai Road, Qingyin Road, Rilan Road, Rongwei Road and Linzao Road, **spanning more than 800 kilometers and upgrading and expansion of 34 sewage treatment stations.** The total treatment scale is **9160 m^3/d**, and the effluent quality meets the "Pollutant Discharge Standard for Urban Sewage Treatment Plant" GB18918-2002 Class A standard. BHT invests and operates this project in BOT (Build-Operate-Transfer) mode, with an operating period of 15 years.

Case 4: High-speed Service Area Project

BioComb®

Shandong High-speed Service Area Wastewater Treatment Project

The project is located in the Shandong high-speed service area, mainly treating domestic sewage and miscellaneous water in the service area, with the characteristics of scattered stations, discharge water quality and large fluctuations in water quantity. The project involves 22 pairs of service areas such as Jingtai Road, Qingyin Road, Rilan Road, Rongwei Road and Linzao Road, spanning more than 800 kilometers, and upgrading and expansion of 34 sewage treatment stations. The total treatment scale is 9160m^3/d, and the effluent quality meets the "Pollutant Discharge Standard for Urban Sewage Treatment Plants" GB18918-2002 Class A standard.

Index	COD	BOD_5	NH_3-N	TN	SS	TP
Influent	≤300	≤240	≤40	≤40	≤200	≤3
Design effluent	40	-	5（8）	15	10	0.5
Design effluent	28	-	3.24	10.2	7	0.42

Case 5: Wind-solar hybrid power generation

BioComb®

Collective Township Sewage Demonstration Project in Dingnan County, Jiangxi Province

The demonstration sites in Longtang Town and Kuimeishan Town, Dingnan County Jiangxi Province, rely on BioComb to build a smart environmental protection theme park. There is 1 set of demonstration site at the town level (with a treatment scale of 55 m^3/d), and 3 sets in each of the other two townships (the treatment scale of each single set is not less than 150 m^3/d). The demonstration sites are equipped with wind-solar hybrid power generation equipment, which comprehensively utilizes solar energy to convert it into electricity, saving electricity consumption.

Index	COD	BOD_5	NH_3-N	TN	SS	TP
Infiuent	250	100	35	40	90	5
Effluent	50	10	5(8)	15	10	0.5

Smart environmental protection theme park composition:

Ultra-low energy consumption BioComb integrated wastewater treatment plant + Modern countryside leisure park + Photovoltaic power station to provide power + **BioComb intelligent control system** for real-time remote monitoring and emergency response + Environmental education corridor

Case 6: Overflow Wastewater

BioComb®

Emergency Urban Sewage Treatment Project in Nanbu County

The project is located in Nanbu County, Sichuan Province. In order to improve the urban sewage treatment rate in Nanbu County, an additional 5000m^3/d emergency auxiliary engineering treatment was added to the municipal domestic sewage plant in Nanbu County, and the effluent quality reached Grade A standard.

Service period of 18 months, using 30 BioComb-40HC equipment.

The operation has now ended and all equipment has been withdrawn.

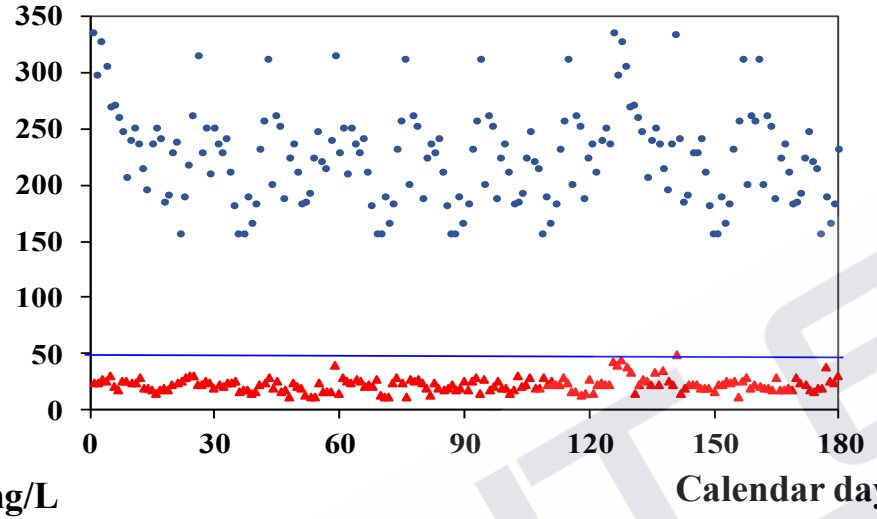
Index	COD	BOD_5	NH_3-N	TN	SS	TP
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Design inlet	≤350	≤150	≤20	≤40	≤350	≤3
Design effluent	50	10	5（8）	15	10	0.5
Design effluent	14	4.5	0.992	5.35	7	0.28

Case 6: Overflow Sewage

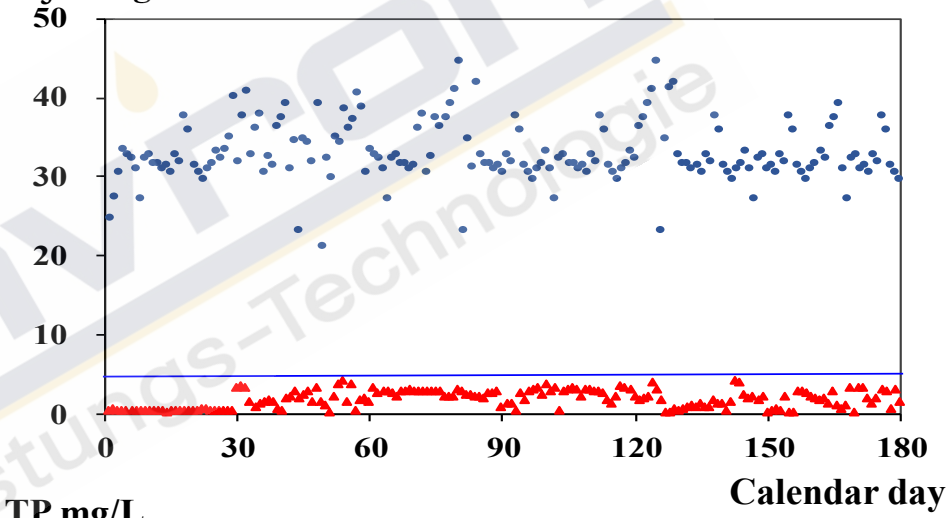
BioComb®

Emergency Urban Sewage Treatment Project in Nanbu County

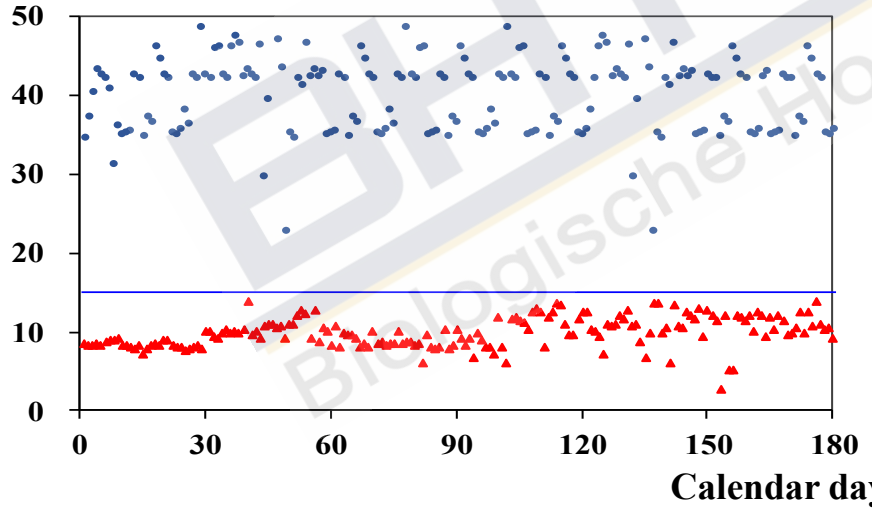
COD mg/L



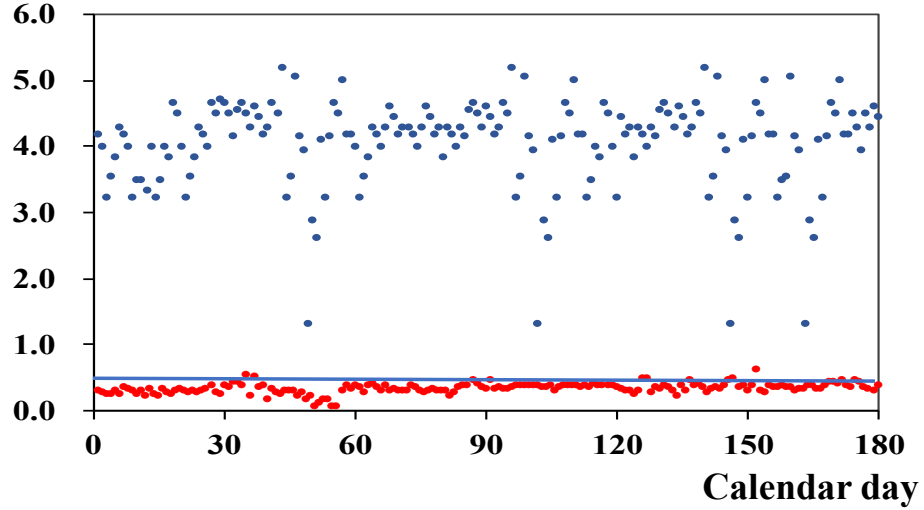
NH_3-N mg/L



TN mg/L



TP mg/L



Case 7: Buried Form

BioComb®

Beautiful Countryside Demonstration Project in Dingyuan County, Anhui Province

This project is a beautiful village demonstration project in Dingyuan County, with a total of 17 sites, with a treatment scale ranging from 50 m^3/d-200 m^3/d, a total of 2540 m^3/d, using multiple mobile integrated equipment.

Equipment size: 16.1m*3.0m*2.9m

COD_{Cr} volume load: 1.35kg COD_{Cr} /(m^3·d)

Processing unit	COD_{Cr}	BOD_5	NH_3-N	SS	TP
	mg/L	mg/L	mg/L	mg/L	mg/L
Influent	150	80	20	200	5
Effluent	50	10	5	20	0.5

Case 8: Customised Appearance

BioComb®

Rural Sewage Treatment Project in Zijin County, Guangdong Province

The project treats rural sewage in Zijin Town, Guangdong Province, with 5 new stations, with a total treatment scale of 6400 m^3/d. Feng'an station adopts independent integrated equipment with a total length of 16.4 m, and the remaining four stations adopt tandem integrated equipment. The front end is the equipment room, anoxic area and anaerobic area, the equipment is 7.2 m long; the back end is aerobic area and sedimentation area, the equipment is 10.9 m long.

Process: coarse grating + cyclone sand filter + regulating tank + BioComb + fibre rotary filter + disinfection

Index	COD_{Cr}	BOD_5	NH_3-N	TN	SS	TP
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Influent	≤300	≤130	≤30	≤35	≤250	≤5
Effluent	≤40	≤10	≤5（8）	≤15	≤10	≤0.5

Baipu Station, Yirong Station 1500m^3/d

Shuidun station 1000m^3/d

Jingzi station 1500m^3/d

Feng'an Station 400m^3/d

Case 9: Building Xiongan

BioComb®

Rural Sewage Treatment Station in Xiongan New Area, Hebei Province

The project is located in the rural domestic sewage treatment project in Zhugezhuang Town, Xiongan New Area. It collects the domestic sewage of residents and constructs three new sewage treatment stations with a total treatment scale of 250 tons per day. After treatment, the sewage is discharged into the Daqing River or nearby ponds. The effluent water quality meets the Grade A standard of the first level in the "Discharge Standard of Rural Domestic Sewage in Hebei Province" (DB13/2171-2015) and the agricultural irrigation standard.

As the winter temperature in Hebei is low, in order to ensure that the effluent water quality stably meets the standard, an insulation layer is added outside the equipment to ensure that the equipment above the ground maintains an appropriate water temperature, which is conducive to the removal of pollutants.

Index	SS	COD	BOD_5	NH_3-N	TN	TP
Influent	≤200	≤350	≤200	≤30	≤40	≤4
Effluent	≤10	≤50	≤10	≤5(8)	≤15	≤0.5

Case 10: Demonstration Project

BioComb®

Sewage Treatment Project in Jingshan Town, Zhejiang Province

Jingshan Town, Zhejiang Province is located in the Tiaoxi River Basin. The integrated rural pollution control technology and large-scale demonstration project is one of the major national water projects during the 12th Five-Year Plan period. It provides 4 sets of BioComb integrated sewage treatment equipment and supporting regulating tanks. The effluent water quality meets the first-level standard of the local standard in Zhejiang Province, namely "DB33/973-2015 Discharge Standard of Water Pollution from Rural Domestic Sewage Treatment Facilities".

Shaozi River basin has a long history and culture, unique natural scenery, and has a national AAAA level scenic spot. Based on this, **the rustic ink painting look** was customized for BioComb, subverting the traditional image of sewage treatment equipment. BioComb **not only consumes less energy and produces better water, but also becomes a beautiful sight on country roads.**

Case 11: House Insulation

BioComb®

Hebei Fuping rural sewage treatment project

The project is located in Fuping County, Hebei Province, treating rural domestic wastewater. 8 sets of BioComb-53HC were supplied to the owner. the project is divided into 3 sites, namely, Shijiazhai: 600t/d, Tianshengqiao: 300t/d, Longquanguan: 300t/d, and the effluent quality meets the standard of quasi IV on the surface. Adopting the method of erecting civil housing, we can choose heating or add air-conditioning to guarantee the stable operation of the system under the extremely low temperature in winter.

Index	COD_{Cr}	BOD_5	SS	NH_3-N	TN	TP
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Influent	≤350	≤200	≤165	≤36	≤50	≤4
Effluent	≤30	≤6	≤10	≤1.5 (2.5)	≤15	≤0.3

Case 12: Research and Development Projects

BioComb®

Zhouzhuang Village Sewage Treatment Project in Fangshan District, Beijing

The designed treatment scale of the Sewage Treatment Station in Zhouzhuang Village, Fangshan District, is 150 m³ per day. After reuse, the remaining produced water is discharged in accordance with the Grade A standard of the second level of the local standard in Beijing, namely "Discharge Standard of Water Pollutants from Rural Domestic Sewage Treatment Facilities" (DB11/1612-2019). The Sewage Treatment Station in Zhouzhuang Village, Fangshan District, **is subordinate to the National Key Research and Development Program Project on the Research and Application of New Technologies for Water Resources Recycling in Fangshan District, Beijing.**

The overall goal of this project is to improve the utilization efficiency of water resources and reduce the amount of newly sourced water. It aims to construct a comprehensive water-saving technology system applicable to villages and towns of different scales, **achieving the objectives of basically full reuse of domestic wastewater in the demonstration area, a 10% increase in water use efficiency, zero growth in the total water consumption, and a 10% reduction in the amount of fresh freshwater resources sourced.** This project can significantly enhance the technical level of ensuring the safety of drinking water in villages and towns, improve the efficiency of domestic water use, solve the problem of domestic sewage treatment, and carry out resource-based reuse. Overall, it realizes comprehensive water saving throughout the whole process. This not only alleviates the shortage of water resources but also effectively improves the ecological environment.

BioComb®

THANK YOU

Beijing BHT Environment Technology Co., Ltd.

For more information, please visit our website: www.bhtwater.com