



ParyaClean

# Introduction

Parya Clean is a trusted brand with over 15 years of proven expertise in delivering Waste Water Management Solutions to government ministries across the globe. We have constantly been at the forefront of deploying advanced technologies developed with hard-to-find expertise.

In Waste Water Management domain, we are having solution Bio Slurry (Herbal Based Organic Flocculent) and Equipment's like Nano Bubble Machine Screw Press Belt Machine & Floating Trash Barriers to solve problems of STP, Rivers and lakes.

## Waste Water Management (Bio Slurry- STP)



# SOLUTIONS

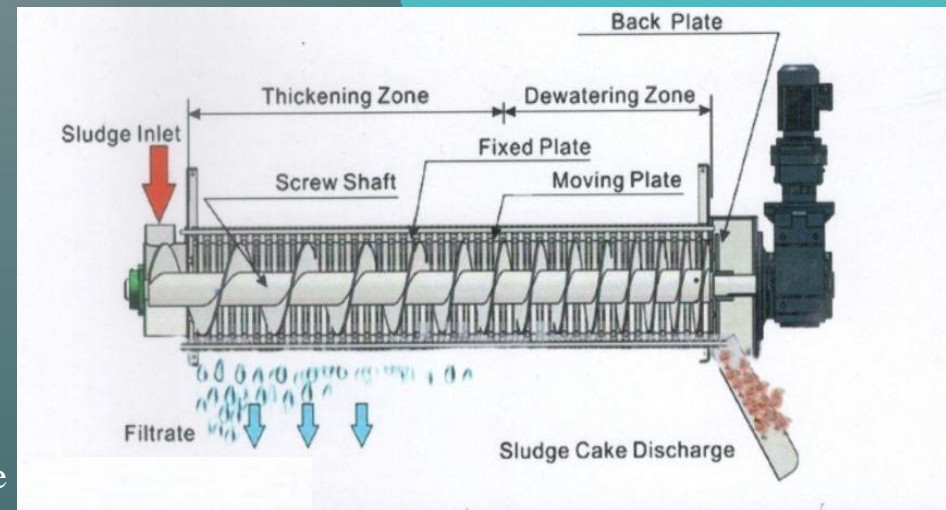
## Organic flocculent

An organic flocculent with the capability of oxygenating high BOD, COD, effluents from various industries . It eliminates all harmful pathogens also neutralizing negatively charged colloidal material and reduces the sludge volume and odour control



## Sludge Dewatering Machine

Sludge Dewatering Screw Press is designed to apply three functions into one unit, in which the three zones are conditioning zone, thickening zone and dewatering zone. It is able to run continuously and automatically to dewater sludge up to 15% to 25% of Outlet Consistency. With this equipment, you can remove Sludge Thickening Tank and Filter Press. Hence. Reduce footprint and less manpower needed for cleaning dewatering equipment and discharge of sludge



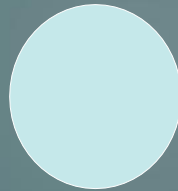
# The Super Nano Bubble Machine

The SUPER Nano Bubble Machine represents a sustainable and environmentally friendly solution for wastewater treatment and water purification. By harnessing the power of Nano bubbles, this technology offers promising path toward a cleaner, healthier, and more sustainable future for our water resources. Contact us today to learn more about how the SUPER Nano Bubble Machine can revolutionize your Water and Wastewater treatment processes.

## Nano Bubble

### WHAT ARE NANO BUBBLES?

Nano bubbles are incredibly small, measuring less than 100nanometers in diameter. However, they have a huge Surface area, which helps them dissolve quickly and stay in water for weeks



**Fine Bubble**  
Rise to surface quickly



**Microbubble**

White cloudy water



**Nano bubble**  
invisible to naked eye Size:  
<100 nm



## Waste Water Management (Bio Slurry- River)



# SOLUTIONS

## Organic flocculent

An organic flocculent with the capability of oxygenating high BOD, COD, effluents from various industries . It eliminates all harmful pathogens also neutralizing negatively charged colloidal material and reduces the sludge volume , foaming and controlling the odour.



**BEFORE**



**AFTER**

## Nano bubble Technology

Nano bubbles are incredibly small, measuring less than 100 nanometers in diameter. However, they have a huge Surface area, which helps them dissolve quickly and stay in water for weeks



## Floating Trash Barrier (FTB)

The floating barrier utilizes the natural flow of water to trap the solid waste. It is deployed at strategic locations near roads to facilitate the onward disposal of removed trash, trapped by the barrier. Thus once river is cleaned up, it will continue to look clean from any trash.

### HOW IT WORKS

**Optimize:** The FTB does not require fuel or electricity for its function. These barriers adjust to changing water levels and are designed to withstand a certain speed of water flow. The FTB is laid diagonally to flow and secured at banks with concrete anchors

**Resilient :** These are made up of stainless-steel and aluminum, thus giving it a long lifecycle in such Corrosive environment. The FTB has been deployed in more than 8 Indian cities across 20+ locations, arresting thousand of tons plastic lowering into the sea.

## Specifications

<b>Mesh depth below water</b>	<b>400 mm</b>
Height above water	800mm
MOC Mesh	SS316
MOC Floats	Aluminium 5032
Tensile member	12mm hot dip galvanized steel chain
Mesh opening size	100 mm x 100mm

## Floating Trash Barrier (FTB)



## Waste Water Management (Bio Slurry- Lake)



## Solutions

### Organic flocculent

Organic flocculant removes and control the contamination of lakes from agricultural runoff, industrial discharge and sewage which affect both human health and aquatic ecosystems. It also control odour generating from various forms of contamination.

### Nano bubble Technology

Nano bubbles are incredibly small, measuring less than 100 nanometers in diameter. However, they have a huge Surface area, which helps them dissolve quickly and stay in water for weeks



## Floating Skimmer For Ponds

These are small, automated devices that float on the water's surface, collecting leaves, bugs, and debris which help to maintain a clean pool with less effort. It operates by creating a suction force that draws water and floating debris into a collection basket or filter, effectively cleaning the water surface and improving water quality.

- ▶ **Debris Removal:** Lake skimmers effectively remove leaves, twigs, insects, and other floating debris from the water surface, preventing them from sinking to the bottom and decomposing.
- ▶ **Algae Control:** Skimmers help remove algae blooms and surface scum, reducing the risk of water quality issues such as green water and foul odors.
- ▶ **Water Clarity:** By removing surface debris and pollutants, skimmers improve water clarity and visibility, creating a more aesthetically pleasing lake environment.
- ▶ **Prevent Clogging:** Skimmers help prevent clogging of pumps, filters, and aeration devices by removing debris before it enters the water circulation system.



# ANALYSIS REPORT OF DELHI JAL BOARD STP

**STS SPECIALIZED TESTING SERVICES**  
(AN ISO 9001 CERTIFIED MULTI DISCIPLINARY TESTING LABORATORY)  
Old No. 23N / New No. 4A, MKG Layout, GN Mills Post, Coimbatore 641029.  
Phone : +91 422 4980402, E-mail : stslabcb@gmail.com, Web : www.stslab.in

Page 1 of 1  
REPORT NUMBER: STS/RE/2024-25/0895 DATE: 07.08.2024

**TEST REPORT**

Issued To : **ECOHEALTH PRODUCTS PVT LTD,**  
23/1, THANGAM COLONY, 2<sup>ND</sup> STREET,  
ANNA NAGAR WEST,  
CHENNAI – 600040.

Sample Description : **DELHI JAL BOARD RAW SEWAGE WATER INLET (UNTREATED)**

Sample Quantity Received : 1.5 Ltr (approx.)  
Date of Receipt of Sample : 03.08.2024  
Date of Start of Analysis : 03.08.2024  
Date of Completion of Analysis : 07.08.2024  
Sampling Done by : Customer  
Technical Reference : BIS

Sl.No	PARAMETER	RESULT	TEST METHOD
1.	pH at 25°C	9.0	IS 3025 (part 11)
2.	Biochemical oxygen demand @ 27°C for 3 days (mg/L)	92	IS 3025(part 44)
3.	Total suspended solids (mg/L)	170	IS 3025(part 17)
4.	Chemical oxygen demand (mg O <sub>2</sub> /L)	315	IS 3025(part 58)

Analysed By: Jeevitha.M

*Important Note:*  
\*The given results reflect our findings of the submitted sample only. Reports shall not be reproduced except in full without the written permission from the laboratory.  
\*The report results should not be used as evidence in the court cases and also forbidden to use for any kind of advertisements.  
\*If you have any queries on this report please contact us within 15days from the report date. Strictly we won't entertain any queries received after 15days from the report date.

For SPECIALIZED TESTING SERVICES  
*A. Abey*  
Authorized Signatory

◊ Testing of Food & Agri Products, Herbal & Ayurvedic Products, Cosmetics, House Cleaning Products, Coal & Briquettes.

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Phone : +91 422 4980402, E-mail : stslabcb@gmail.com, Web : www.stslab.in

Page 1 of 1  
REPORT NUMBER: STS/RE/2024-25/0894 DATE: 07.08.2024

**TEST REPORT**

Issued To : **ECOHEALTH PRODUCTS PVT LTD,**  
23/1, THANGAM COLONY, 2<sup>ND</sup> STREET,  
ANNA NAGAR WEST,  
CHENNAI – 600040.

Sample Description : **DELHI JAL BOARD RAW SEWAGE WATER INLET (TREATED)**

Sample Quantity Received : 1.5 Ltr (approx.)  
Date of Receipt of Sample : 03.08.2024  
Date of Start of Analysis : 03.08.2024  
Date of Completion of Analysis : 07.08.2024  
Sampling Done by : Customer  
Technical Reference : BIS

Sl.No	PARAMETER	RESULT	TEST METHOD
1.	pH at 25°C	8.0	IS 3025 (part 11)
2.	Biochemical oxygen demand @ 27°C for 3 days (mg/L)	6.2	IS 3025(part 44)
3.	Total suspended solids (mg/L)	6	IS 3025(part 17)
4.	Chemical oxygen demand (mg O <sub>2</sub> /L)	50	IS 3025(part 58)

Analysed By: Jeevitha.M

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For SPECIALIZED TESTING SERVICES  
*A. Abey*  
Authorized Signatory

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Phone : +91 422 4980402, E-mail : stslabcb@gmail.com, Web : www.stslab.in

Page 1 of 1  
REPORT NUMBER: STS/RE/2024-25/0919A DATE: 12.08.2024

**TEST REPORT**

Issued To : **ECOHEALTH PRODUCTS PVT LTD,**  
23/1, THANGAM COLONY, 2<sup>ND</sup> STREET,  
ANNA NAGAR WEST,  
CHENNAI – 600040.

Sample Description : **DELHI JAL BOARD RAW SEWAGE WATER OUTLET (TREATED WITH ECOCLEAN 2300 NHC 50)**

Sample Quantity Received : 1.5 Ltr (approx.)  
Date of Receipt of Sample : 08.08.2024  
Date of Start of Analysis : 08.08.2024  
Date of Completion of Analysis : 12.08.2024  
Sampling Done by : Customer  
Technical Reference : BIS

Sl.No	PARAMETER	RESULT	TEST METHOD
1.	E.Coli	Absent	IS 5887

Analysed By: Jeevitha.M

*Important Note:*  
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For SPECIALIZED TESTING SERVICES  
*Jeevitha.M*  
Authorized Signatory

◊ Testing of Food & Agri Products, Herbal & Ayurvedic Products, Cosmetics, House Cleaning Products, Coal & Briquettes.

S. NO	SAMPLE NAME	pH	BOD	TSS	COD	E-coli
1.	Delhi Jal Board STP Inlet water [Untreated]	9	92	170	315	Present
2.	Delhi Jal Board STP Inlet water [Treated with ORGANIC SOLUTION-2300 NHC 50]	8	6.2	6	50	Absent

# ANALYSIS REPORT OF SONIPAT (GOHANA) STP

**STS** SPECIALIZED TESTING SERVICES  
(AN ISO 9001 CERTIFIED MULTI DISCIPLINARY TESTING LABORATORY)  
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REPORT NUMBER: STS/RE/2024-25/0893 DATE: 07.08.2024

**TEST REPORT**

Issued To : **ECOHEALTH PRODUCTS PVT LTD,**  
23/1, THANGAM COLONY, 2<sup>ND</sup> STREET,  
ANNA NAGAR WEST,  
CHENNAI - 600040.

Sample Description : **SONIPATH COW DUNG HUSK EFFLUENT**  
(UNTREATED)

Sample Quantity Received : 1.5 Ltr (approx.)  
Date of Receipt of Sample : 03.08.2024  
Date of Start of Analysis : 03.08.2024  
Date of Completion of Analysis : 07.08.2024  
Sampling Done by : Customer  
Technical Reference : BIS

CHEMICAL ANALYSIS			
Sl.No	PARAMETER	RESULT	TEST METHOD
1.	pH at 25°C	9.8	IS 3025 (part 11)
2.	Biochemical oxygen demand @ 27°C for 3 days (mg/L)	162	IS 3025(part 44)
3.	Total suspended solids (mg/L)	280	IS 3025(part 17)
4.	Chemical oxygen demand (mg O <sub>2</sub> /L)	480	IS 3025(part 58)

Analyzed By: Jeevitha.M  
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For SPECIALIZED TESTING SERVICES  
A. Abuj  
Authorized Signatory

Testing of Food & Agri Products, Herbal & Ayurvedic Products, Cosmetics, House Cleaning Products, Cool & Briquettes.

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Page 1 of 1  
REPORT NUMBER: STS/RE/2024-25/0892 DATE: 07.08.2024

**TEST REPORT**

Issued To : **ECOHEALTH PRODUCTS PVT LTD,**  
23/1, THANGAM COLONY, 2<sup>ND</sup> STREET,  
ANNA NAGAR WEST,  
CHENNAI - 600040.

Sample Description : **SONIPATH COW DUNG HUSK EFFLUENT**  
(TREATED)

Sample Quantity Received : 1.5 Ltr (approx.)  
Date of Receipt of Sample : 03.08.2024  
Date of Start of Analysis : 03.08.2024  
Date of Completion of Analysis : 07.08.2024  
Sampling Done by : Customer  
Technical Reference : BIS

CHEMICAL ANALYSIS			
Sl.No	PARAMETER	RESULT	TEST METHOD
1.	pH at 25°C	8.4	IS 3025 (part 11)
2.	Biochemical oxygen demand @ 27°C for 3 days (mg/L)	10	IS 3025(part 44)
3.	Total suspended solids (mg/L)	16	IS 3025(part 17)
4.	Chemical oxygen demand (mg O <sub>2</sub> /L)	70	IS 3025(part 58)

Analyzed By: Jeevitha.M  
Important Note:  
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A. Abuj  
Authorized Signatory

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As per The National Green Tribunal (NGT) Standards following parameters standards needs to be maintained by all STP's.