

## TEST REPORT

### CLIENT DETAILS

**Client Name:** Bhaskar Silk Mills Private Limited  
**Client Contact:** Bhavesh Sonthalia  
**Telephone:** 8766110354  
**E-mail:** [bhavesh@bhaskarsilkmills.in](mailto:bhavesh@bhaskarsilkmills.in)  
**Address:** Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantiithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

### LABORATORY DETAILS

**SGS Affiliate:** SGS India Pvt Ltd., Chennai  
**SGS Contact:** Balla Suresh Kumar  
**Telephone:** +91 9840830472  
**E-mail:** [balla.sureshkumar@sgs.com](mailto:balla.sureshkumar@sgs.com)  
**Address:** 28 B/1 (SP), 28B/2 (SP), Second Main Road, Ambattur Ind. Est., Ambattur, Chennai-58.

### FACTORY DETAILS

**Factory Name:** Bhaskar Silk Mills Private Limited  
**Factory Contact:** Bhavesh Sonthalia  
**Telephone:** 8766110354  
**E-mail:** [bhavesh@bhaskarsilkmills.in](mailto:bhavesh@bhaskarsilkmills.in)  
**Address:** Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantiithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327  
**Types of Mills:** (4) Fabric Dyeing, Finishing, Printing  
**On-Site ETP:** Yes  
**Discharge Destination:** To Centralized Waste Water Treatment Plant  
**Name of Municipal/Centralized ETP:** Palsana Enviro Protection Ltd.  
**Address of Municipal/Centralized ETP:** Palsana

### SAMPLE DRAWN BY SGS INDIA PVT LTD

### SAMPLE AND TESTING DETAILS

**Sample No.:** CHN25-0007440-0001  
**Sampling Country:** SGS India Pvt Ltd.  
**ZDHC Approved Sampler & Cert. No.:** Bipin Kumar Vora (C74D106817545)  
**Sampling Date:** 28-04-2025  
**Sample Received Date:** 03-05-2025  
**Test Performing Period:** 03-05-2025 - 13-05-2025  
**Sample Received Temperature:** 8.1 °C  
**No. of Samples:** Water (2); Sludge (1)  
**Sample Descriptions:** 1) Untreated Wastewater (6-hour Composite)  
 2) Effluent (6-hour Composite)  
 3) Sludge (Grab)  
**Sample Volume:** 8L each water sample; 2kg sludge sample in total  
**Testing Institute:** SGS India Pvt Ltd., Chennai  
**Discharge Method:** Indirect Discharge with Pretreatment (with Sludge)

### OVERALL RESULTS

	Untreated Wastewater	Effluent	Sludge	Leachate
<b>Conventional Parameters / Anions / Metals:</b>	-	Fulfill Aspirational Limit	Sample and Report Only	-
<b>MRSL Parameters:</b>	Detected	-	Not Detected	-

### REMARKS

1. This test document cannot be reproduced in any way, except in full content, without prior approval in writing by the laboratory.
2. The results shown in this test report refer only to the sampling and the sample(s) tested unless otherwise stated.
3. Sample received temperature is greater than 8°C and less than 10°C when received from the laboratory
4. Above conclusion was based on ZDHC waste water Guideline, Version 2.2

Per pro SGS India Private Ltd



**S. Prasad**  
 Manager- Supply Chain Management  
 Email your Test Report Related Enquiries at [Feedback.SLT@sgs.com](mailto:Feedback.SLT@sgs.com)

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RESULT SUMMARY

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

TEST ITEMS	Untreated Wastewater	Effluent	Sludge	Leachate
Conventional Parameters	-	-	Please refer to the information in TEST RESULTS	-
Anions	-	-	O	-
Metals	-	O	Please refer to the information in TEST RESULTS	-
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	X	-	O	-
Antimicrobials and Biocides	O	-	-	-
Chlorinated Paraffins	O	-	-	-
Chlorobenzenes and Chlorotoluenes	O	-	O	-
Chlorophenols	O	-	-	-
N,N-di-methylformamide (DMFa)	O	-	-	-
Dyes - Carcinogenic or Equivalent Concern	O	-	-	-
Dyes - Disperse (Allergenic)	O	-	-	-
Flame Retardants	O	-	-	-
Glycols / Glycol Ethers	O	-	-	-
Halogenated Solvents	O	-	-	-
Organotin Compounds	O	-	-	-
Other / Miscellaneous Chemicals	O	-	-	-
Perfluorinated and Polyfluorinated Chemicals (PFCs)	O	-	-	-
Phthalates	O	-	-	-
Polycyclic Aromatic Hydrocarbons (PAHs)	O	-	O	-
Restricted Aromatic Amines	O	-	-	-
UV Absorbers	O	-	-	-
Volatile Organic Compounds (VOC)	O	-	-	-

Note:

X - Detected

O - Not Detected

N/A - Not Tested / Not Applicable

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge $\Phi$	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
Sample Colour Description	-	-	-	Dark Red	Dark Red	-	-	Yellow	-	-	-	-	-	-	-
Wastewater Flow Rate*	-	-	m <sup>3</sup> /day	-	1176	-	-	-	-	-	-	-	-	-	-
Sludge Disposal Pathway	-	-	-	-	-	-	-	Pathway G	-	-	-	-	-	-	-
<b>Conventional Parameters</b>															
pH	-	-	-	-	-	-	-	6.9	-	-	-	-	-	Not Detected	-
Faecal Coliform	-	-	-	-	-	1000	MPN/g	n.d.	-	-	-	-	-	Not Detected	-
Paint Filter Test	-	-	-	-	-	Pass	-	Pass	-	-	-	-	-	Not Detected	-
<b>Anions</b>															
Cyanide, Total	-	-	-	-	-	20	mg/kg	n.d.	-	-	-	-	-	Not Detected	-
<b>Metals</b>															
Total Antimony (Sb)	-	-	-	-	-	5	mg/kg	n.d.	0.01	mg/L	N/A	-	-	N/A	N/A
Chromium (VI)	-	0.001	mg/L	-	n.d.	20	mg/kg	n.d.	0.001	mg/L	N/A	-	Fulfill Aspirational Limit	Not Detected	N/A
Total Barium (Ba)	-	-	-	-	-	200	mg/kg	n.d.	35	mg/L	N/A	-	-	N/A	N/A
Total Selenium (Se)	-	-	-	-	-	5	mg/kg	n.d.	0.5	mg/L	N/A	-	-	Not Detected	N/A
Total Arsenic (As)	-	0.005	mg/L	-	n.d.	5	mg/kg	n.d.	0.005	mg/L	N/A	-	Fulfill Aspirational Limit	Not Detected	N/A
Total Chromium (Cr)	-	-	-	-	-	50	mg/kg	75	0.05	mg/L	N/A	-	-	Not Detected	N/A
Total Cobalt (Co)	-	-	-	-	-	400	mg/kg	n.d.	0.01	mg/L	N/A	-	-	N/A	N/A
Total Cadmium (Cd)	-	0.01	mg/L	-	n.d.	1	mg/kg	n.d.	0.01	mg/L	N/A	-	Fulfill Aspirational Limit	Not Detected	N/A
Total Copper (Cu)	-	-	-	-	-	50	mg/kg	118	0.25	mg/L	N/A	-	-	Not Detected	N/A
Total Lead (Pb)	-	0.01	mg/L	-	n.d.	5	mg/kg	9	0.01	mg/L	N/A	-	Fulfill Aspirational Limit	Not Detected	N/A
Total Nickel (Ni)	-	-	-	-	-	20	mg/kg	63	0.05	mg/L	N/A	-	-	Not Detected	N/A
Total Silver (Ag)	-	-	-	-	-	50	mg/kg	n.d.	0.005	mg/L	N/A	-	-	N/A	N/A
Total Zinc (Zn)	-	0.1	mg/L	n.d.	-	400	mg/kg	n.d.	0.1	mg/L	N/A	-	-	Not Detected	N/A
Total Mercury (Hg)	-	0.001	mg/L	-	n.d.	1	mg/kg	n.d.	0.001	mg/L	N/A	-	Fulfill Aspirational Limit	Not Detected	N/A
Total Boron (B)	-	0.1	mg/L	0.3	-	-	-	-	-	-	-	-	-	-	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge $\Phi$	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
<b>Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers</b>															
Nonylphenol ethoxylates (NPEO)	Multiple including: 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	5	$\mu\text{g/L}$	431	-	0.4	mg/kg	n.d.	-	-	-	Detected	-	Not Detected	-
Nonylphenol (NP), mixed isomers	Multiple including: 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3	5	$\mu\text{g/L}$	11	-	0.4	mg/kg	n.d.	-	-	-	Detected	-	Not Detected	-
Octylphenol ethoxylates (OPEO)	Multiple including: 9002-93-1, 9036-19-5, 68987-90-6	5	$\mu\text{g/L}$	n.d.	-	0.4	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Octylphenol (OP), mixed isomers	Multiple including: 140-66-9, 1806-26-4, 27193-28-8	5	$\mu\text{g/L}$	n.d.	-	0.4	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
<b>Antimicrobials and Biocides</b>															
o-Phenylphenol (+salts)	90-43-7	100	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Triclosan	3380-34-5	100	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Permethrin	Multiple including: 52645-53-1	500	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Chlorinated Paraffins</b>															
Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	500	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)	85535-84-8	25	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Chlorobenzenes and Chlorotoluenes</b>															
1,2-Dichlorobenzene	95-50-1	0.2	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Monochlorobenzene	108-90-7	0.2	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1,3-Dichlorobenzene	541-73-1	0.2	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1,4-Dichlorobenzene	106-46-7	0.2	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1,2,3-Trichlorobenzene	87-61-6	0.2	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1,2,4-Trichlorobenzene	120-82-1	0.2	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-

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Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
1,3,5-Trichlorobenzene	108-70-3	0.2	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1,2,3,4-Tetrachlorobenzene	634-66-2	0.2	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1,2,3,5-Tetrachlorobenzene	634-90-2	0.2	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1,2,4,5-Tetrachlorobenzene	95-94-3	0.2	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Pentachlorobenzene	608-93-5	0.2	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Hexachlorobenzene	118-74-1	0.2	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2-Chlorotoluene	95-49-8	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
3-Chlorotoluene	108-41-8	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
4-Chlorotoluene	106-43-4	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
2,3-Dichlorotoluene	32768-54-0	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
2,4-Dichlorotoluene	95-73-8	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
2,5-Dichlorotoluene	19398-61-9	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
2,6-Dichlorotoluene	118-69-4	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
3,4-Dichlorotoluene	95-75-0	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
3,5-Dichlorotoluene	25186-47-4	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
2,3,4-Trichlorotoluene	7359-72-0	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
2,3,6-Trichlorotoluene	2077-46-5	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
2,4,5-Trichlorotoluene	6639-30-1	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
2,4,6-Trichlorotoluene	23749-65-7	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
3,4,5-Trichlorotoluene	21472-86-6	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
2,3,4,5-Tetrachlorotoluene	1006-32-2	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-

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Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID		7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances			
		Date of Sampling		28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-				
		Sampling Location		Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-				
		Sampling Start Time		11:15	11:30	-	-	13:40	-	-	-				
		Sampling End Time		17:15	17:30	-	-	13:50	-	-	-				
		Date of Sample Received		03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-				
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
2,3,4,6-Tetrachlorotoluene	875-40-1	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
2,3,5,6-Tetrachlorotoluene	1006-31-1	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Pentachlorotoluene	877-11-2	0.2	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
<b>Chlorophenols</b>															
2-Chlorophenol	95-57-8	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,3-Dichlorophenol	576-24-9	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,3,4-Trichlorophenol	15950-66-0	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,3,5-Trichlorophenol	933-78-8	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,3,6-Trichlorophenol	933-75-5	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,4-Dichlorophenol	120-83-2	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,4,5-Trichlorophenol	95-95-4	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,4,6-Trichlorophenol	88-06-2	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,5-Dichlorophenol	583-78-8	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,6-Dichlorophenol	87-65-0	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
3-Chlorophenol	108-43-0	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
3,4-Dichlorophenol	95-77-2	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
3,4,5-Trichlorophenol	609-19-8	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
3,5-Dichlorophenol	591-35-5	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4-Chlorophenol	106-48-9	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Pentachlorophenol (PCP)	87-86-5	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
<b>N,N-Di-methylformamide (DMFa)</b>															
Dimethyl formamide; N,N-Dimethylformamide (DMFa)	68-12-2	1000	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Dyes - Carcinogenic or Equivalent Concern</b>															
Basic Violet 3 with >0.1% of Michler's Ketoneb	548-62-9	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Acid Red 26	3761-53-3	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Acid Violet 49	1694-09-3	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Basic Blue 26 (with Michler's Ketone >0.1%)	2580-56-5	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Basic Green 4 (Malachite Green Chloride)^	569-64-2	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Basic Green 4 (Malachite Green Oxalate)^	2437-29-8	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Basic Green 4 (Malachite Green)	10309-95-2	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Basic Red 9	569-61-9	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Basic Violet 14	632-99-5	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Direct Black 38	1937-37-7	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Direct Blue 6	2602-46-2	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Direct Red 28	573-58-0	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Disperse Blue 1	2475-45-8	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
C.I. Disperse Blue 3	2475-46-9	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Orange 11	82-28-0	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Dyes - Disperse (Allergenic)</b>															
Disperse Blue 102	12222-97-8	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Blue 106	12223-01-7	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Blue 124	61951-51-7	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Blue 26	3860-63-7	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Blue 35	12222-75-2	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
Disperse Blue 35	56524-77-7	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Blue 7	3179-90-6	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Brown 1	23355-64-8	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Orange 1	2581-69-3	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Orange 3	730-40-5	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Orange 37/59/76	13301-61-6	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Red 1	2872-52-8	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Red 11	2872-48-2	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Red 17	3179-89-3	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Yellow 1	119-15-3	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Yellow 3	2832-40-8	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Yellow 39	12236-29-2	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Yellow 49	54824-37-2	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Disperse Yellow 9	6373-73-5	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Flame Retardants</b>															
Boric acid	10043-35-3, 11113-50-1	500	µg/L	See Total Boron (B) Result	-	-	-	-	-	-	-	Not Detected	-	-	-
Diboron trioxide	1303-86-2	500	µg/L	See Total Boron (B) Result	-	-	-	-	-	-	-	Not Detected	-	-	-
Disodium octaborate	12008-41-2	500	µg/L	See Total Boron (B) Result	-	-	-	-	-	-	-	Not Detected	-	-	-
Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4	500	µg/L	See Total Boron (B) Result	-	-	-	-	-	-	-	Not Detected	-	-	-
Tetraboron disodium heptaoxide, hydrate	12267-73-1	500	µg/L	See Total Boron (B) Result	-	-	-	-	-	-	-	Not Detected	-	-	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
Hexabromocyclodecane (HBCDD)	3194-55-6	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Polybromobiphenyls (PBB)	59536-65-1	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Monobromobiphenyls (MonoBB)	Multiple	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Monobromodiphenylethers (MonoBDEs)	Multiple	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Dibromobiphenyls (DiBB)	Multiple	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Dibromopropylether	21850-44-2	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tribromodiphenylethers (TriBDEs)	Multiple	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Octabromobiphenyls (OctaBB)	Multiple	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Nonabromobiphenyls (NonaBB)	Multiple	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Decabromobiphenyl (DecaBB)	13654-09-6	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Decabromodiphenyl ether (DecaBDE)	1163-19-5	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tetrabromobisphenol A (TBBPA)	79-94-7	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge $\Phi$	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
Tris(1-aziridinyl) phosphine oxide) (TEPA)	545-55-1	25	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tris(2,3,-dibromopropyl)-phosphate (TRIS)	126-72-7	25	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Glycols / Glycol Ethers</b>															
2-ethoxyethanol	110-80-5	50	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2-ethoxyethyl acetate	111-15-9	50	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2-methoxyethanol	109-86-4	50	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2-methoxyethylacetate	110-49-6	50	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2-methoxypropylacetate	70657-70-4	50	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Bis(2-methoxyethyl)-ether	111-96-6	50	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Ethylene glycol dimethylether	110-71-4	50	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Triethylene glycol dimethylether	112-49-2	50	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Halogenated Solvents</b>															
1,2-Dichloroethane	107-06-2	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Methylene chloride	75-09-2	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tetrachloroethylene	127-18-4	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Trichloroethylene	79-01-6	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Organotin Compounds</b>															
Dipropyltin Compounds (DPT)	Multiple including: 867-36-7	0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Mono-, di- and tri-butyltin derivatives		0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Monobutyltin (MBT)	Multiple including: 1118-46-3, 1461-22-9	0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Dibutyltin (DBT)		0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tributyltin (TBT)		0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
Mono-, di- and tri-methyltin derivatives		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Monomethyltin (MMT)	Multiple including: 993-16-8, 753-73-1, 1066-45-1	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Dimethyltin (DMT)		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Trimethyltin (TMT)		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Mono-, di- and tri-octyltin derivatives		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Monooctyltin (MOT)	Multiple including: 3091-25-6, 3542-36-7, 2587-76-0	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Diocetyl tin (DOT)		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Triocetyl tin (TOT)		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Mono-, di- and tri-phenyltin derivatives		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Monophenyltin (MPHT)	Multiple including: 1124-19-2, 1135-99-5, 639-58-7	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Diphenyltin (DPHT)		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Triphenyltin (TPHT)		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tetrabutyltin Compounds (TeBT)	Multiple including: 1461-25-2	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tetraethyltin Compounds (TeET)	Multiple including: 597-64-8	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tetraoctyltin Compounds (TeOT)	Multiple including: 3590-84-9	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tricyclohexyltin (TCyHT)	Multiple including: 3091-32-5	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Tripropyltin Compounds (TPT)	Multiple including: 2279-76-7	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-	Untreated Wastewater	Effluent	Sludge	Leachate	
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-	Untreated Wastewater	Effluent	Sludge	Leachate	
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-	Untreated Wastewater	Effluent	Sludge	Leachate	
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-	Untreated Wastewater	Effluent	Sludge	Leachate	
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-	Untreated Wastewater	Effluent	Sludge	Leachate	
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge $\Phi$	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
<b>Other / Miscellaneous Chemicals</b>															
AEEA [2-(2-aminoethylamino) ethanol]	111-41-1	500	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Bisphenol A	80-05-7	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Borate, zinc salt	12767-90-7	100	$\mu\text{g/L}$	See Total Zinc (Zn) & Total Boron (B) Results	-	-	-	-	-	-	-	Not Detected	-	-	-
Quinoline	91-22-5	50	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Thiourea	62-56-6	50	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Perfluorinated and Polyfluorinated Chemicals (PFCs)</b>															
Perfluorooctane sulfonate (PFOS)**	1763-23-1	0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE)	1691-99-2	0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (MeFOSE)	24448-09-7	0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Perfluorooctane sulfonamide (PFOSA)	754-91-6	0.01	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Perfluorooctanoic acid (PFOA)***	335-67-1	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Methyl Perfluorooctanoate (Me-PFOA)	376-27-2	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Ethyl Perfluorooctanoate (Et-PFOA)	3108-24-5	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)	27905-45-9	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
8:2 Fluorotelomer methacrylate (8:2 FTMA)	1996-88-9	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge $\Phi$	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
<b>Phthalates - including all other esters of ortho-phthalic acid</b>															
1,2-benzenedicarboxylic acid, di-C6-8 branched and linear alkyl esters, C7-rich (DIHP)	71888-89-6, 84777-06-0	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNUP)	68515-42-4, 68515-50-4	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Butyl benzyl phthalate (BBP)	85-68-7	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Di-isobutyl phthalate (DIBP)	84-69-5	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Di-isononyl phthalate (DINP)	28553-12-0	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Di-n-hexyl phthalate (DnHP)	84-75-3	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Di-n-octyl phthalate (DNOP)	117-84-0	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Di-n-pentylphthalates	131-18-0	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Di-n-propyl phthalate (DPRP)	131-16-8	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Di(ethylhexyl) phthalate (DEHP)	117-81-7	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Dibutyl phthalate (DBP)	84-74-2	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Diethyl phthalate (DEP)	84-66-2	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Diisopentylphthalates	605-50-5	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Dinonyl phthalate (DNP)	84-76-4	10	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>															
Acenaphthene	83-32-9	1	$\mu\text{g/L}$	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Acenaphthylene	208-96-8	1	$\mu\text{g/L}$	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Anthracene	120-12-7	1	$\mu\text{g/L}$	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
Benzo[a]anthracene	56-55-3	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Benzo[a]pyrene	50-32-8	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Benzo[b]fluoranthene	205-99-2	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Benzo[e]pyrene	192-97-2	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Benzo[ghi]perylene	191-24-2	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Benzo[j]fluoranthene	205-82-3	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Benzo[k]fluoranthene	207-08-9	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Chrysene	218-01-9	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Dibenz[a,h]anthracene	53-70-3	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Fluoranthene	206-44-0	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Fluorene	86-73-7	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Indeno[1,2,3-cd]pyrene	193-39-5	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Naphthalene	91-20-3	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Phenanthrene	85-01-8	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
Pyrene	129-00-0	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-
<b>Restricted Aromatic Amines (Cleavable from Azo-Colourants)</b>															
2-naphthylamine	91-59-8	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2-Naphthylammoniumacetate^	553-00-4	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,4-xylidine	95-68-1	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge $\Phi$	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
2,4,5-trimethylaniline	137-17-7	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,4,5-trimethylaniline hydrochloride <sup>^</sup>	21436-97-5	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,6-xylidine	87-62-7	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
3,3'-dichlorobenzidine	91-94-1	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
3,3-dimethoxybenzidine	119-90-4	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
3,3-dimethylbenzidine	119-93-7	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4-aminoazobenzene	60-09-3	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4-aminodiphenyl	92-67-1	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4-chloro-o-toluidine	95-69-2	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4-chloro-o-toluidinium chloride <sup>^</sup>	3165-93-3	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4-chloroaniline	106-47-8	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate <sup>^</sup>	39156-41-7	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4-methoxy-m-phenylenediamine	615-05-4	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4-methyl-m-phenylenediamine	95-80-7	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4,4-methylene-bis-(2-chloro-aniline)	101-14-4	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4,4-methylenedi-o-toluidine	838-88-0	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4,4-methylenedianiline	101-77-9	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4,4-oxydianiline	101-80-4	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
4,4-thiodianiline	139-65-1	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
5-nitro-o-toluidine	99-55-8	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
6-methoxy-m-toluidine	120-71-8	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-

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ULR-TC617625000021400F

TEST RESULTS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

		Sample ID	7440-0001 (A)	7440-0001 (B)	-	-	7440-0001 (C)	-	-	-	Factory Performances				
		Date of Sampling	28-04-2025	28-04-2025	-	-	28-04-2025	-	-	-					
		Sampling Location	Untreated Wastewater - Pipeline	Treated Wastewater - Pipeline	-	-	Sludge - Storage Area	-	-	-					
		Sampling Start Time	11:15	11:30	-	-	13:40	-	-	-					
		Sampling End Time	17:15	17:30	-	-	13:50	-	-	-					
		Date of Sample Received	03-05-2025	03-05-2025	-	-	03-05-2025	-	-	-					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge $\Phi$	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate
Benzidine	92-87-5	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
o-aminoazotoluene	97-56-3	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
o-anisidine	90-04-0	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
o-toluidine	95-53-4	0.1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>UV Absorbers</b>															
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	100	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2-benzotriazol-2-yl-4,6-ditertbutylphenol (UV-320)	3846-71-7	100	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)	3864-99-1	100	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Volatile Organic Compounds (VOC)</b>															
Benzene	71-43-2	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
m-cresol	108-39-4	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
o-cresol	95-48-7	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
p-cresol	106-44-5	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Toluene	108-88-3	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
Xylene	1330-20-7	1	$\mu\text{g/L}$	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-
<b>Additional Parameters</b>															
Dry Mass (Total Solids)	-	-	-	-	-	-	%	84.6	-	-	-	-	-	Sample and Report Only	-

Remarks:

"n.d." = Not Detected

"N/A" = Not Tested / Not Applicable

"-" = Not Required to be Tested

^The test result is based on the calculation of selected element(s) and to the worst-case scenario

\*Test data is measured/provided by the client

\*\*PFOS refer to its salts/derivative including PFOS-K (CAS No.: 2795-39-3), PFOS-Li (CAS No.: 29457-72-5), PFOS-NH<sub>4</sub> (CAS No.: 29081-56-9), PFOS-NH(OH)<sub>2</sub> (CAS No.: 70225-14-8), PFOS-N(C<sub>2</sub>H<sub>5</sub>)<sub>4</sub> (CAS No.: 56773-42-3) and POSF (CAS No.: 307-35-7)

\*\*\*PFOA refer to its salts including PFOA-Na (CAS No.: 335-95-5), PFOA-K (CAS No.: 2395-00-8), PFOA-Ag (CAS No.: 335-93-3), PFOA-F (CAS No.: 335-66-0) and APFO (CAS No.: 3825-26-1)

@ = The amine was detected according to ISO 14362-1:2017 with the reducing agent. A similar result was obtained from the procedure carried out without the reducing agent. According to ISO 14362-1:2017 Annex C.2.1.2.2, the amine originated from a source other than azo colorants

# = The amine was detected according to ISO 14362-1:2017 with the reducing agent. Confirmation procedure was carried out without reducing agent, according to ISO 14362-1:2017 Annex C.2.1.2.2, the amine originated from azo colorants

$\Phi$ Sludge results are reported based on dry mass

%Please refer to the details of the Local Wastewater Discharge Requirement in the Appendix Section

$\S$ Maximum holding time exceeded

$\square$ Sample received temperature is greater than 8°C and less than 10°C when received from the laboratory

$\Delta$ The analysis was performed by a subcontracted laboratory assessed as competent

\*\*\*\*\*

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TEST PARAMETERS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE						
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
<b>Conventional Parameters</b>												
pH	-	Wastewater: SM 4500 H+ Sludge: USEPA 9045 D	6-9			N/A	N/A	N/A	5-11	5-11	6.5-9	6.5-9
Temp-Difference	-	SM 2550	Δ+15°C	Δ+10°C	Δ+5°C	-						
E. Coli	-	SM 9221 B fermentation with LTB for presumptive followed by SM 9221 F (fluorogenic substrate)	126MPN/100mL			-						
Colour (436nm; 525nm; 620nm)	-	ISO 7887 B	7;5;3m <sup>-1</sup>	5;3;2m <sup>-1</sup>	2;1;1m <sup>-1</sup>	-						
Persistent Foam	-	-	No indication of Persistent Foam in receiving water			-						
Wastewater Flow Rate	-	-	15m <sup>3</sup> per day			-						
Ammonium-N	-	ISO 7150	10mg/L	1mg/L	0.5mg/L	-						
AOX	-	ISO 9562	3mg/L	0.5mg/L	0.1mg/L	-						
Biochemical Oxygen Demand 5-days Concentration (BOD <sub>5</sub> )	-	SM 5210 B	30mg/L	15mg/L	8mg/L	-						
Chemical Oxygen Demand (COD)	-	SM 5220 D	150mg/L	80mg/L	40mg/L	-						
Dissolved Oxygen (DO)	-	SM 4500 - O	≥4mg/L			-						
Oil & Grease	-	IS 3025 part 39	10mg/L	2mg/L	0.5mg/L	-						
Total Phenols / Phenol Index	-	SM 5530 B/C	0.5mg/L	0.01mg/L	0.001mg/L	-						
Total Chlorine	-	SM 4500 - Cl-G	1mg/L			-						
Total Dissolved Solids (TDS)	-	SM 2540 C	Sample and Report Only			-						
Total Nitrogen	-	IS 3025 part 34	20mg/L	10mg/L	5mg/L	-						
Total Phosphorus	-	ISO 6878	3mg/L	0.5mg/L	0.1mg/L	-						
Total Suspended Solids (TSS)	-	SM 2540 D	50mg/L	15mg/L	5mg/L	-						
Faecal Coliform	-	USEPA 1681/ APHA 23rd Edition Chapter 9221E	-			N/A	N/A	N/A	N/A	N/A	<1000 MPN/g	<1000 MPN/g
% Solids	-	USEPA 160.3	-			Sample and Report Only						
Paint Filter Test	-	USEPA 9095 B	-			N/A	N/A	N/A	Pass	Pass	Pass	Pass
<b>Anions</b>												
Chloride	-	SM 4500 Cl-D	Sample and Report Only			-						
Cyanide, Total	-	Wastewater: SM 4500 CN Sludge: Preparation: USEPA 9013 Analysis: USEPA 9213/9014	0.2mg/L	0.1mg/L	0.05mg/L	N/A	N/A	N/A	85mg/kg	70mg/kg	70mg/kg	70mg/kg
Sulfate	-	SM 4500 SO <sub>4</sub> <sup>2-</sup> E	Sample and Report Only			-						
Sulfide	-	SM 4500 S <sup>2-</sup> D	0.5mg/L	0.05mg/L	0.01mg/L	-						
Sulfite	-	ISO 10304 -3	2mg/L	0.5mg/L	0.2mg/L	-						

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TEST PARAMETERS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE						
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
<b>Metals</b>												
Total Antimony (Sb)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	0.1mg/L	0.05mg/L	0.01mg/L	-	-	-	-	-	-	N/A
Chromium (VI)	-	<u>Wastewater/Sludge:</u> ISO 18412 Preparation: USEPA 3060 A Analysis: USEPA 7196 - Analysis using UV-VIS Spectrophotometer <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 18412 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	0.05mg/L	0.005mg/L	0.001mg/L	-	-	-	-	-	-	50mg/kg
Total Barium (Ba)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	Sample and Report Only			-	-	-	-	-	-	N/A
Total Selenium (Se)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	Sample and Report Only			-	-	-	-	-	-	36mg/kg
Total Tin (Sn)	-	USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis (SO-IN-C&P-TE-051)	Sample and Report Only			-						
Total Arsenic (As)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	0.05mg/L	0.01mg/L	0.005mg/L	-	-	-	-	-	-	41mg/kg
Total Chromium (Cr)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	0.2mg/L	0.1mg/L	0.05mg/L	-	-	-	-	-	-	1200mg/kg

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TEST PARAMETERS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE							
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	
Total Cobalt (Co)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	0.05mg/L	0.02mg/L	0.01mg/L	-	-	-	-	-	-	-	N/A
Total Cadmium (Cd)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	0.1mg/L	0.05mg/L	0.01mg/L	-	-	-	-	-	-	-	39mg/kg
Total Copper (Cu)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	1mg/L	0.5mg/L	0.25mg/L	-	-	-	-	-	-	-	1500mg/kg
Total Lead (Pb)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	0.1mg/L	0.05mg/L	0.01mg/L	-	-	-	-	-	-	-	400mg/kg
Total Nickel (Ni)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	0.2mg/L	0.1mg/L	0.05mg/L	-	-	-	-	-	-	-	420mg/kg
Total Silver (Ag)	-	<u>Wastewater:</u> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <u>Sludge:</u> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <u>Leachate:</u> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	0.1mg/L	0.05mg/L	0.005mg/L	-	-	-	-	-	-	-	N/A

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TEST PARAMETERS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE						
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
Total Zinc (Zn)	-	<b>Wastewater:</b> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <b>Sludge:</b> Preparation: USEPA 3050 Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <b>Leachate:</b> Leachate Extraction: USEPA 1311 Analysis: ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	5mg/L	1mg/L	0.5mg/L	-	-	-	-	-	-	2800mg/kg
Total Mercury (Hg)	-	<b>Wastewater:</b> USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis <b>Sludge:</b> Preparation: USEPA 3050/USEPA 3051A Analysis: USEPA 6020 B - acid/peroxide digestion followed by ICP/ICP-MS analysis <b>Leachate:</b> Leachate Extraction: USEPA 1311 Analysis: US EPA 6020B/ISO 11885 (SO-IN-C&P-TE-051) & (SO-IN-C&P-TE-163)	0.01mg/L	0.005mg/L	0.001mg/L	-	-	-	-	-	-	17mg/kg
Total Boron (B)	-	USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis (SO-IN-C&P-TE-051)	-	-	-	-	-	-	-	-	-	-
<b>Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)</b>												
NP / OP	-	<b>Wastewater:</b> With reference to ISO 18857-2 (Modified dichloromethane extraction) (GC-MS or LC-MS(-MS)) <b>Sludge:</b> Preparation: With reference to USEPA 3550 - Ultrasonic Analysis: With reference to ISO 18857-2 (GC-MS or LC-MS(-MS)) (SO-IN-C&P-TE-052)	-	5µg/L	-	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.4mg/kg	0.4mg/kg	0.4mg/kg	0.4mg/kg
NPEO / OPEO	-	<b>Wastewater:</b> With reference to ISO 18857-2 (Modified dichloromethane extraction) (LC-MS(-MS)) <b>Sludge:</b> Preparation: With reference to USEPA 3550 - Ultrasonic Analysis: With reference to ISO 18254-1, ISO 18857-2 (LC-MS(-MS)) (SO-IN-C&P-TE-052)	-	5µg/L	-	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.4mg/kg	0.4mg/kg	0.4mg/kg	0.4mg/kg
<b>Antimicrobials and Biocides</b>												
o-Phenylphenol (+salts)	90-43-7	With reference to USEPA 8270 E. Determination by LC-MS(-MS) (SO-IN-C&P-TE-147)	-	100µg/L	-	-	-	-	-	-	-	-
Triclosan	3380-34-5	With reference to USEPA 8270 E. Determination by LC-MS(-MS) (SO-IN-C&P-TE-147)	-	100µg/L	-	-	-	-	-	-	-	-
Permethrin	Multiple including: 52645-53-1	With reference to ISO 14154:2005. Determination by LC-MS(-MS) or GC-MS (SO-IN-C&P-TE-147)	-	500µg/L	-	-	-	-	-	-	-	-
<b>Chlorinated Paraffins</b>												
Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	Preparation: With reference to USEPA 3510 Analysis: With reference to ISO 18219-2:2021 with GC-MS(NCI) (SO-IN-C&P-TE-065)	-	500µg/L	-	-	-	-	-	-	-	-
Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)	85535-84-8	Preparation: With reference to USEPA 3510 Analysis: With reference to ISO 18219-1:2021 with GC-MS(NCI) (SO-IN-C&P-TE-065)	-	25µg/L	-	-	-	-	-	-	-	-

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TEST PARAMETERS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE						
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
Chlorobenzenes and Chlorotoluenes		<p><u>Wastewater:</u> With reference to USEPA 8260 D, Dichloromethane extraction followed by GC-MS</p> <p><u>Sludge:</u> Preparation: USEPA 3550 - Ultrasonic Clean-up: With reference to USEPA 3650B Analysis: With reference to USEPA 8270 E (SO-IN-C&amp;P-TE-053)</p>		0.2µg/L		CTs: Sample and Report Only	CTs: Sample and Report Only	CTs: Sample and Report Only	CTs: 0.2mg/kg	CTs: 0.2mg/kg	CTs: 0.2mg/kg	CTs: 0.2mg/kg
Chlorophenols		With reference to USEPA 8270 E, Solvent extraction, derivatization with KOH, acetic anhydride followed by GC-MS (SO-IN-C&P-TE-054)		0.5µg/L					-			
N,N-di-methylformamide (DMFa)	68-12-2	With reference to USEPA 8270 E (SO-IN-C&P-TE-146)		1000µg/L					-			
Dyes - Carcinogenic or Equivalent Concern		Liquid extraction with reference to DIN 54231: 2022; followed by LC-MS analysis (SO-IN-C&P-TE-056)		500µg/L					-			
Dyes - Disperse (Allergenic)		Liquid extraction with reference to DIN 54231: 2022; followed by LC-MS analysis (SO-IN-C&P-TE-056)		50µg/L					-			
Flame Retardants		<p>Boric acid, Diboron trioxide, Disodium octaborate, Disodium tetraborate anhydrous, Tetraboron disodium heptaoxide, hydrate: With reference to USEPA 200.8 - Acid digestion followed by ICP/ ICP-MS analysis</p> <p><u>Others:</u> With reference to USEPA 8270 E, ISO 22032 - Dichloromethane extraction followed by GC-MS or LC-MS(-MS) (SO-IN-C&amp;P-TE-057)</p>		Boric acid, Diboron trioxide, Disodium octaborate, Disodium tetraborate, anhydrous, Tetraboron disodium heptaoxide, hydrate: 500µg/L Others: 25µg/L					-			
Glycols / Glycol Ethers		With reference to USEPA 8270 E followed by GC-MS (SO-IN-C&P-TE-058)		50µg/L					-			
Halogenated Solvents		With reference to USEPA 8260 D, followed by GC-MS (SO-IN-C&P-TE-059)		1µg/L					-			
Organotin Compounds		<p><u>TeET:</u> With reference to ISO 17353</p> <p><u>Others:</u> With reference to ISO 17353 - Derivatization with NaB(C<sub>2</sub>H<sub>5</sub>)<sub>4</sub> followed by GC-MS (SO-IN-C&amp;P-TE-060)</p>		0.01µg/L					-			

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TEST PARAMETERS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE						
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
<b>Other / Miscellaneous Chemicals</b>												
AEEA [2-(2-aminoethylamino) ethanol]	111-41-1	With reference to Liquid extraction followed by LC-MS/MS (SO-IN-C&P-TE-148A & SO-IN-C&P-TE-148B)		500µg/L								
Bisphenol A	80-05-7	With reference to Liquid extraction followed by LC-MS/MS (SO-IN-C&P-TE-148A & SO-IN-C&P-TE-148B)		10µg/L								
Borate, zinc salt	12767-90-7	With reference to Liquid extraction followed by LC-MS/MS (SO-IN-C&P-TE-148A & SO-IN-C&P-TE-148B)		100µg/L								
Quinoline	91-22-5	With reference to Liquid extraction followed by LC-MS/MS (SO-IN-C&P-TE-148A & SO-IN-C&P-TE-148B)		50µg/L								
Thiourea	62-56-6	USEPA 200.8, acid digestion followed by ICP/ ICP-MS analysis (SO-IN-C&P-TE-148A & SO-IN-C&P-TE-148B)		50µg/L								
<b>Perfluorinated and Polyfluorinated Chemicals (PFCs)</b>												
		PFCs/ FTOH Solvent extraction with reference to EPA 537/ EPA 8270E / BSEN 12673 followed by LC-MSMS and GC-MSMS analysis. (SO-IN-C&P-TE-061)			PFOs and related substances: 0.01µg/L PFOA and related substances: 1µg/L							
<b>Phthalates</b>												
		Solvent extraction with reference to USEPA 8270E / ISO 18856 followed by GC-MS analysis. (SO-IN-C&P-TE-062)		10µg/L								
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>												
		<u>Wastewater:</u> With reference to USEPA 8270 E - Solvent extraction followed by GC-MS <u>Sludge:</u> Preparation: With reference to USEPA 3550 - Ultrasonic Clean-up: With reference to USEPA 3650 Analysis: With reference to USEPA 8270 E (SO-IN-C&P-TE-063)		1µg/L		Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2mg/kg	0.2mg/kg	0.2mg/kg	0.2mg/kg
<b>Restricted Aromatic Amines</b>												
		With reference to ISO 14362-1, USEPA 8270 E - Reduction step with sodium dithionite, solvent extraction followed by GC-MS or LC-MS/MS (SO-IN-C&P-TE-055)		0.1µg/L								
<b>UV Absorbers</b>												
		With reference to USEPA 8270 E - Dichloromethane extraction followed by GC-MS (SO-IN-C&P-TE-149)		100µg/L								
<b>Volatile Organic Compounds (VOC)</b>												
Benzene	71-43-2	With reference to ISO 11423-1 - Headspace followed by GC-MS (SO-IN-C&P-TE-064)		1µg/L								
m-cresol	108-39-4	With reference to ISO 11423-1 - Headspace followed by GC-MS (SO-IN-C&P-TE-064)		1µg/L								
o-cresol	95-48-7	With reference to ISO 11423-1 - Headspace followed by GC-MS (SO-IN-C&P-TE-064)		1µg/L								
p-cresol	106-44-5	With reference to ISO 11423-1 - Headspace followed by GC-MS (SO-IN-C&P-TE-064)		1µg/L								
Toluene	108-88-3	With reference to ISO 11423-1 - Headspace followed by GC-MS (SO-IN-C&P-TE-064)		1µg/L								
Xylene	1330-20-7	With reference to ISO 11423-1 - Headspace followed by GC-MS (SO-IN-C&P-TE-064)		1µg/L								

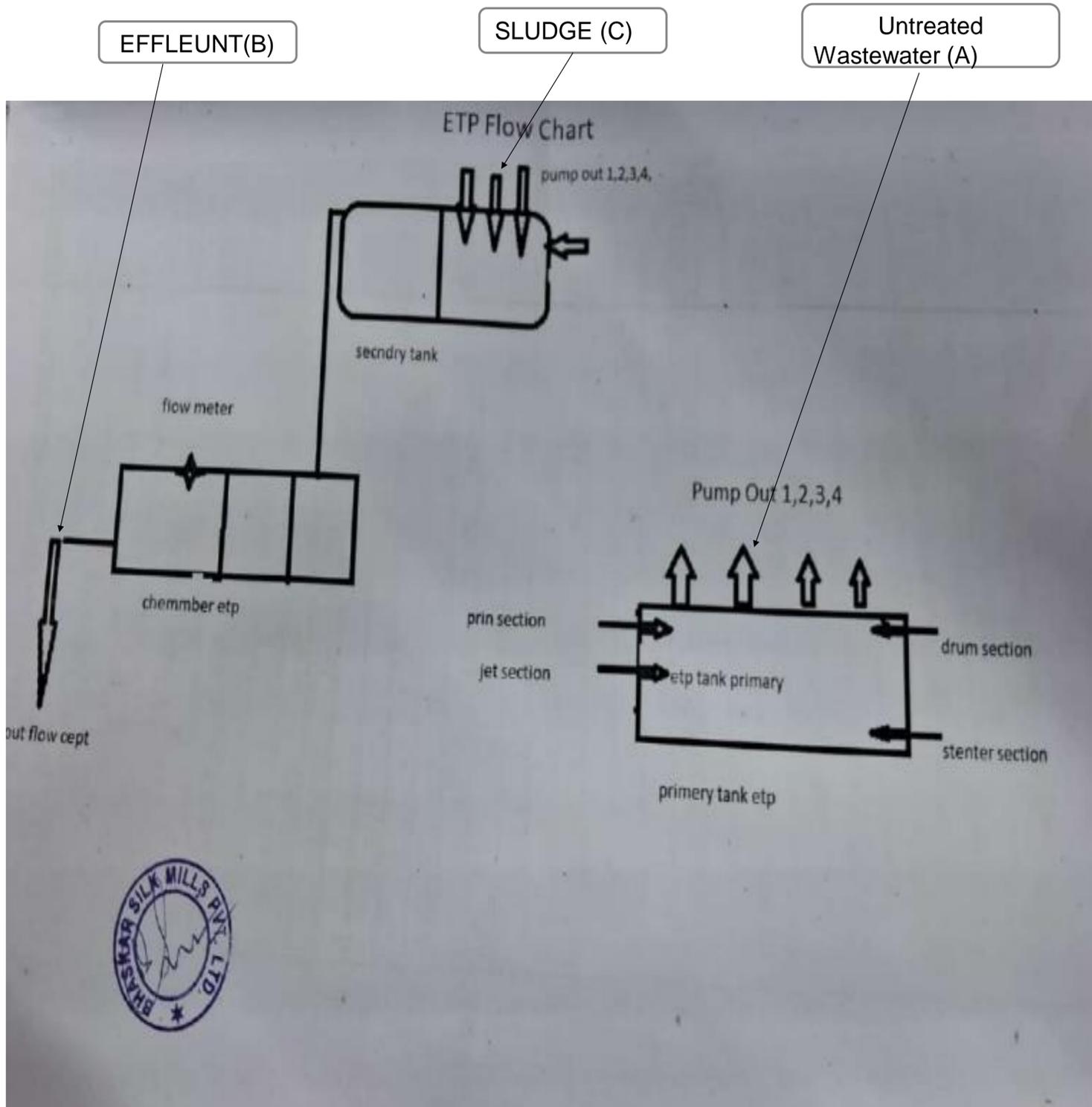
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**PIPING PLAN**

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327



Note: Piping Plan not provided by the supplier, Flow chart is updated.

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SAMPLING PHOTOS

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327

UNTREATED WASTEWATER
Date & Time of Measurement: 03-05-2025 11:15 - 17:15 GPS Data: 21.9308988 N, 72.583624204 E
SAMPLING LOCATION, CLOSE-UP VIEW
 <p>vivo Y100A Apr 28, 2025, 10:45</p>

EFFLUENT
Date & Time of Measurement: 03-05-2025 11:30- 17:30 GPS Data: 21.93087972 N, 72.583688304 E
SAMPLING LOCATION, CLOSE-UP VIEW
 <p>vivo Y100A Apr 28, 2025, 10:49</p>

SAMPLING LOCATION, FAR VIEW
 <p>vivo Y100A Apr 28, 2025, 10:44</p>

SAMPLING LOCATION, FAR VIEW
 <p>vivo Y100A Apr 28, 2025, 10:49</p>

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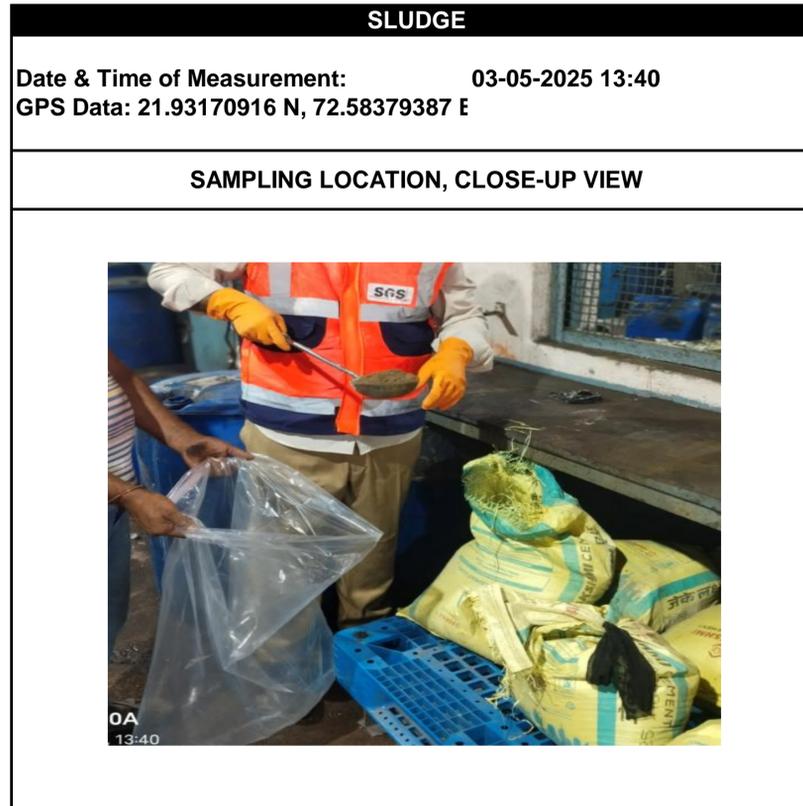
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**SAMPLING PHOTOS**

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327



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ZDHC WASTEWATER SAMPLING FIELD DATA FORM AND REPRESENTATIVE SAMPLE DECLARATION

Factory Name: Bhaskar Silk Mills Private Limited

Factory Address: Plot No. 21, Block No. 296, Kadodara Bardoli Road, Village - Tantithaiya, Taluka/Post office - Palsana, Surat, Gujarat - 394327



ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration

ZDHC Wastewater Sampling Information:

Factory Name: Bhaskar Silk Mills Pvt Ltd  
 Factory Address: Plot No 21, Block No 296, Kadodara Bardoli Rd, Vill: Tantithaiya, Surat  
 Sampling Location:  Untreated Wastewater  Effluent  Sludge  
 GPS Data: Lat = 21.9308888° N, Longitude = 72.583624204° E  
 Sampling Date: 28 April 2025  
 Sampling Time: 11:15 To 17:15  
 Sample ID: \_\_\_\_\_

Sampler Information:

Sampler Name: Bipinkumar Vora  
 Sampler E-mail: bipinkumar.vora@sgs.com  
 ZDHC Sampler Accreditation Cert. No.: CF4D106817545

Sampling Method:

Grab  6-hour Composite  Others, please specify: \_\_\_\_\_  
 Autosampler  Manual

Discharge Method:

Direct  Indirect (w/pre-treatment)  Indirect (w/o pre-treatment)  Zero Liquid Discharge (ZLD)

ZDHC Wastewater Sampling Field Testing QA/QC

Parameter	LCS Known	LCS Measured	Accuracy %
pH			
Total Chlorine			

ZDHC Wastewater Flow Device Dimensions

Measurement (cm)	Meter	Pipe (D)	Flume (U)	Wier (V)
Diameter	NA	NA	NA	
Depth	NA	NA	NA	

ZDHC Wastewater Sample Collection Field Test Measurements

Sampling Time (Hours)	Temp (°C)		pH	Visible Colour	Persistent Foam (Yes/No)	Dissolved Oxygen (mg/L)	Total Chlorine (mg/L)	Wastewater Flow Meter (L/min)	Alternate Measured Flow	
	Wastewater Discharge	Receiving Water							Depth (cm)	Velocity (cm/s)
11:15	46		7.3	Dark	No					
12:15	43		7.7	Dark	No					
13:15	43		8.0	Light	No					
14:15	46		8.3	Light	No					
15:15	46		8.2	Light	No					
16:15	49		8.1	Light	No					
17:15	47		8.3	Light	No					
Average										

ZDHC Wastewater Sampling - Facility Confirmation

The wastewater samples have been collected under the facility's normal production scale and wastewater flow rate. The sampler listed below was on-site and collected the samples.

Factory Name: Bhaskar Silk Mills Pvt Ltd  
 Factory Representative Name: Mr. Bhavesh Sonthalia  
 Factory Representative Signature and Stamp: \_\_\_\_\_  
 Sampler Name: Bipin Vora  
 ZDHC Sampler Accreditation Cert. No.: CF4D106817545  
 Sampler Signature: \_\_\_\_\_



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**ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration**

**ZDHC Wastewater Sampling Information:**

Factory Name: Bhaskar Silk Mills Pvt Ltd Surat  
 Factory Address: Plot No 21, Block No 29C, Kadodara Bardoli Rd, VII: Tank Barva.  
 Sampling Location:  Untreated Wastewater  Effluent  Sludge  
 GPS Data: Latitude: 21.93087972° N, Longitude: 72.583688304° E  
 Sampling Date: 28 April 2025  
 Sampling Time: 11:30 to 17:30  
 Sample ID: \_\_\_\_\_

**Sampler Information:**

Sampler Name: Bilinkumar Vora  
 Sampler E-mail: bilinkumar.vora@sgs.com  
 ZDHC Sampler Accreditation Cert. No.: C74D106817545

**Sampling Method:**

Grab  6-hour Composite  Others, please specify: \_\_\_\_\_  
 Autosampler  Manual

**Discharge Method:**

Direct  Indirect (w/pretreatment)  Indirect (w/o pretreatment)  Zero Liquid Discharge (ZLD)

**ZDHC Wastewater Sampling Field Testing QA/QC**

Parameter	LCS Known	LCS Measured	Accuracy %
pH			
Total Chlorine			

**ZDHC Wastewater Flow Device Dimensions**

Measurement (cm)	Maner	Pipe (D)	Flume (U)	Wier (V)
Diameter	NA			
Depth	NA	NA	NA	

**ZDHC Wastewater Sample Collection Field Test Measurements**

Sampling Time (Hours)	Temp (°C)		pH	Visible Colour	Persistent Foam (Yes/No)	Dissolved Oxygen (mg/L)	Total Chlorine (mg/L)	Wastewater Flow Meter (L/min)	Alternate Measured Flow	
	Wastewater Discharge	Receiving Water							Depth (cm)	Velocity (cm/s)
11:30	45		7.7	Dark red	No		1033822			
12:30	46		7.9	Dark red	No		1033863			
13:30	46		8.1	ff ff	No		1033955			
14:30	46		8.2	ff ff	No		1033997			
15:30	46		8.2	ff ff	No		1034093			
16:30	49		8.2	ff ff	No		1034215			
17:30	47		8.3	ff ff	NO		1034318			
Average										

**ZDHC Wastewater Sampling - Facility Confirmation**

The wastewater samples have been collected under the facility's normal production scale and wastewater flow rate. The sampler listed below was on-site and collected the samples.

Factory Name: Bhaskar Silk Mills Pvt Ltd Sampler Name: Bilin Vora  
 Factory Representative Name: Mr. Chavesh Sonthang ZDHC Sampler Accreditation Cert. No.: C74D106817545  
 Factory Representative Signature and Stamp: \_\_\_\_\_ Sampler Signature: \_\_\_\_\_



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**ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration**

**ZDHC Wastewater Sampling Information:**

Factory Name: Bhaskar Silk Mills Pvt Ltd Syrat  
 Factory Address: Plot No 21, Block No 296, Kadolara Bardou Rd, Vill: Santathkura  
 Sampling Location:  Untreated Wastewater  Effluent  Sludge  
 GPS Data: Latitude: 21.93170916 °N, Longitude: 72.583793872 °E  
 Sampling Date: 28 April 2025  
 Sampling Time: 13:40  
 Sample ID: \_\_\_\_\_

**Sampler Information:**

Sampler Name: Bipinkumar Vora  
 Sampler E-mail: bipinkumar.vora@sgs.com  
 ZDHC Sampler Accreditation Cert. No.: C740106817545

**Sampling Method:**

Grab  6-hour Composite  Others, please specify: Dry Sludge Time: 13:40  
 Autosampler  Manual 2.600 Kg.

**Discharge Method:**

Direct  Indirect (w/pretreatment)  Indirect (w/o pretreatment)  Zero Liquid Discharge (ZLD) Coccus yellow color

**ZDHC Wastewater Sampling Field Testing QA/QC**

Parameter	LCS Known	LCS Measured	Accuracy %
pH			
Total Chlorine			

**ZDHC Wastewater Flow Device Dimensions**

Measurement (cm)	Meter	Pipe (O)	Flare (U)	Wier (V)
Diameter	NA			
Depth	NA	NA	NA	

**ZDHC Wastewater Sample Collection Field Test Measurements**

Sampling Time (Hours)	Temp (°C)		pH	Visible Colour	Persistent Foam (Yes/No)	Dissolved Oxygen (mg/L)	Total Chlorine (mg/L)	Wastewater Flow Meter (L/min)	Alternate Measured Flow	
	Wastewater Discharge	Receiving Water							Depth (cm)	Velocity (cm/s)
13:40				<u>coccus yellow</u>						
0										
1										
2										
3										
4										
5										
6										
Average										

**ZDHC Wastewater Sampling - Facility Confirmation**

The wastewater samples have been collected under the facility's normal production scale and wastewater flow rate. The sampler listed below was on-site and collected the samples.

Factory Name: Bhaskar Silk Mills Pvt Ltd Sampler Name: Bipin Vora  
 Factory Representative Name: Mr. Sharesh Saxtharia ZDHC Sampler Accreditation Cert. No.: C740106817545  
 Factory Representative Signature and Stamp: \_\_\_\_\_ Sampler Signature: \_\_\_\_\_



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