

TEST REPORT

CLIENT DETAILS

Client Name: Blue Creations Ltd.
Client Contact: Md. Mahoshin Momin
Telephone: 01773661815
E-mail: ems@bluecreationsltd.com
Address: 387/1,Zitar More, Kashimpur, Gazipur Sadar.

LABORATORY DETAILS

SGS Affiliate: SGS Bangladesh Limited
SGS Contact: Rafiqul Islam,
Chemical Lab Manager
Telephone: +88029676500 Ext-632
E-mail: rafiqul.islam@sgs.com
Address: Noor Tower, 110 Bir Uttam C.R
Datta Road, Dhaka-1205,
Bangladesh

FACTORY DETAILS

Factory Name: Blue Creations Ltd.
Factory Contact: Md. Mahoshin Momin
Telephone: 01773661815
E-mail: ems@bluecreationsltd.com
Address: 387/1,Zitar More, Kashimpur, Gazipur Sadar.
Types of Mills: (3) Fabric Dyeing, Finishing, Washing
On-Site ETP: Yes
Discharge Destination: To the Environment
Name of Municipal/Centralized ETP: N/A
Address of Municipal/Centralized ETP: N/A

SAMPLE AND TESTING DETAILS

Sampling Country: SGS Bangladesh Limited
ZDHC Approved Sampler & Cert. No.: Syed Atikur Rahman (ZDHC-A-24-E-C001068-R3DEC-40DDB)
Sampling Date: 22-03-2025
Sample Received Date: 22-03-2025
Test Performing Period: 22-03-2025 to 06-04-2025
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: 18L each water sample; 500g sludge sample in total
Testing Institute: SGS Bangladesh Limited
Discharge Method: Direct Discharge

OVERALL RESULTS

	Untreated Wastewater	Effluent	Sludge	Leachate
Conventional Parameters / Anions / Metals:	-	Fulfill Foundational Limit	Not Detected	-
MRS� Parameters:	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

Signed for and on behalf of



RAFIQUL ISLAM
 Chemical Lab Manager

RESULT SUMMARY

Factory Name: Blue Creations Ltd.

Factory Address: 387/1,Zitar More, Kashimpur,Gazipur Sadar.

TEST ITEMS	Untreated Wastewater	Effluent	Sludge	Leachate
Conventional Parameters	-	Please refer to the information in TEST RESULTS	Please refer to the information in TEST RESULTS	-
Anions	-	O	O	-
Metals	-	O	O	N/A
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	O	-	O	-
Antimicrobials and Biocides	O	-	-	-
Chlorinated Paraffins	O	-	-	-
Chlorobenzenes and Chlorotoluenes	X	-	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

TEST RESULTS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Sample ID		Untreated Wastewater		Effluent		Sludge		Factory Performances				Local Wastewater Discharge Requirement %			
				Untreated Wastewater	Effluent	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent		Sludge	Leachate	Effluent
Sample Colour Description	-	-	-	Dark Blue	Light Blue	-	-	-	-	Black	-	-	-	-	-	-	-	-	
Wastewater Flow Rate*	-	-	m ³ /day	-	1705	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sludge Disposal Pathway	-	-	-	-	-	-	-	-	-	Pathway E	-	-	-	-	-	-	-	-	
Conventional Parameters																			
pH	-	-	-	-	6.7	-	-	-	-	7.7	-	-	-	-	-	-	Fulfill Aspirational Limit	Not Detected	6-9
Temp-Difference	-	-	°C	-	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	<5
Temp-Discharge Pipe	-	-	°C	-	28.0	-	-	-	-	-	-	-	-	-	-	N/A	-	-	N/A
Temp-Receiving Water	-	-	°C	-	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
E. Coli	-	126	MPN / 100mL	-	n.d.	-	-	-	-	-	-	-	-	-	-	-	Fulfill Aspirational Limit	-	N/A
Colour (436nm)	-	2	m ⁻¹	-	5	-	-	-	-	-	-	-	-	-	-	-	Fulfill Progressive Limit	-	N/A
Colour (525nm)	-	1	m ⁻¹	-	3	-	-	-	-	-	-	-	-	-	-	-	Fulfill Progressive Limit	-	N/A
Colour (620nm)	-	1	m ⁻¹	-	2	-	-	-	-	-	-	-	-	-	-	-	Fulfill Progressive Limit	-	N/A
Persistent Foam	-	Absent / Present	-	-	Absent	-	-	-	-	-	-	-	-	-	-	-	Fulfill Aspirational Limit	-	N/A
Ammonium-N	-	0.5	mg/L	-	n.d.	-	-	-	-	-	-	-	-	-	-	-	Fulfill Aspirational Limit	-	N/A
AOX	-	0.1	mg/L	-	0.8	-	-	-	-	-	-	-	-	-	-	-	Fulfill Foundational Limit	-	N/A
Biochemical Oxygen Demand 5-days Concentration (BOD ₅)	-	8	mg/L	-	28	-	-	-	-	-	-	-	-	-	-	-	Fulfill Foundational Limit	-	<30
Chemical Oxygen Demand (COD)	-	40	mg/L	-	144	-	-	-	-	-	-	-	-	-	-	-	Fulfill Foundational Limit	-	<200
Dissolved Oxygen (DO)	-	4	mg/L	-	5	-	-	-	-	-	-	-	-	-	-	-	Fulfill Aspirational Limit	-	N/A
Oil & Grease	-	0.5	mg/L	-	n.d.	-	-	-	-	-	-	-	-	-	-	-	Fulfill Aspirational Limit	-	<10
Total Phenols / Phenol Index	-	0.001	mg/L	-	n.d.	-	-	-	-	-	-	-	-	-	-	-	Fulfill Aspirational Limit	-	<1
Total Chlorine	-	1	mg/L	-	n.d.	-	-	-	-	-	-	-	-	-	-	-	Fulfill Aspirational Limit	-	N/A
Total Dissolved Solids (TDS)	-	50	mg/L	-	786	-	-	-	-	-	-	-	-	-	-	-	Sample and Report Only	-	<2100
Total Nitrogen	-	5	mg/L	-	6	-	-	-	-	-	-	-	-	-	-	-	Fulfill Progressive Limit	-	N/A
Total Phosphorus	-	0.1	mg/L	-	n.d.	-	-	-	-	-	-	-	-	-	-	-	Fulfill Aspirational Limit	-	N/A
Total Suspended Solids (TSS)	-	5	mg/L	-	48	-	-	-	-	-	-	-	-	-	-	-	Fulfill Foundational Limit	-	<100
Faecal Coliform	-	-	-	-	-	1000	MPN/g	N/A	-	-	-	-	-	-	-	-	-	N/A	N/A
Paint Filter Test	-	-	-	-	-	Pass	-	Pass	-	-	-	-	-	-	-	-	-	Not Detected	N/A

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TEST RESULTS

Factory Name: Blue Creations Ltd.
 Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Sample ID		Untreated Wastewater		Effluent		Sludge		Factory Performances				Local Wastewater Discharge Requirement %
				Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge	Reporting Limit	Units	Leachate	Untreated Wastewater	Effluent	Sludge	Leachate	
				22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-					
				ETP Inlet Drain Line	ETP Outlet Drain Line	-	-	Sludge Sack	-	-	-					
				10:05	10:00	-	-	16:30	-	-	-					
				16:05	16:00	-	-	16:40	-	-	-					
				22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-					
Anions																
Chloride	-	1	mg/L	-	134	-	-	-	-	-	-	-	Sample and Report Only	-	-	N/A
Cyanide, Total	-	0.05	mg/L	-	n.d.	20	mg/kg	n.d.	-	-	-	-	Fulfill Aspirational Limit	Not Detected	-	N/A
Sulfate	-	5	mg/L	-	262	-	-	-	-	-	-	-	Sample and Report Only	-	-	N/A
Sulfide	-	0.01	mg/L	-	n.d.	-	-	-	-	-	-	-	Fulfill Aspirational Limit	-	-	<2
Sulfite	-	0.2	mg/L	-	n.d.	-	-	-	-	-	-	-	Fulfill Aspirational Limit	-	-	N/A
Metals																
Total Antimony (Sb)	-	0.01	mg/L	-	n.d.	5	mg/kg	n.d.	0.01	mg/L	N/A	-	Fulfill Aspirational Limit	-	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	-	N/A	N/A
Total Barium (Ba)	-	35	mg/L	-	n.d.	200	mg/kg	n.d.	35	mg/L	N/A	-	Sample and Report Only	-	N/A	N/A
Total Selenium (Se)	-	0.5	mg/L	-	n.d.	5	mg/kg	n.d.	0.5	mg/L	N/A	-	Sample and Report Only	-	N/A	N/A
Total Tin (Sn)	-	0.1	mg/L	-	n.d.	-	-	-	-	-	-	-	Sample and Report Only	-	-	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	-	N/A	N/A
Total Chromium (Cr)	-	0.05	mg/L	-	n.d.	50	mg/kg	93	0.05	mg/L	N/A	-	Fulfill Aspirational Limit	-	N/A	<0.5
Total Cobalt (Co)	-	0.01	mg/L	-	n.d.	400	mg/kg	n.d.	0.01	mg/L	N/A	-	Fulfill Aspirational Limit	-	N/A	<0.5
Total Cadmium (Cd)	-	0.01	mg/L	-	n.d.	1	mg/kg	n.d.	0.01	mg/L	N/A	-	Fulfill Aspirational Limit	-	N/A	<0.02
Total Copper (Cu)	-	0.25	mg/L	-	n.d.	50	mg/kg	n.d.	0.25	mg/L	N/A	-	Fulfill Aspirational Limit	-	N/A	N/A
Total Lead (Pb)	-	0.01	mg/L	-	n.d.	5	mg/kg	n.d.	0.01	mg/L	N/A	-	Fulfill Aspirational Limit	-	N/A	<0.1
Total Nickel (Ni)	-	0.05	mg/L	-	n.d.	20	mg/kg	50	0.05	mg/L	N/A	-	Fulfill Aspirational Limit	-	N/A	<1
Total Silver (Ag)	-	0.005	mg/L	-	n.d.	50	mg/kg	n.d.	0.005	mg/L	N/A	-	Fulfill Aspirational Limit	-	N/A	N/A
Total Zinc (Zn)	-	0.1	mg/L	n.d.	n.d.	400	mg/kg	n.d.	0.1	mg/L	N/A	-	Fulfill Aspirational Limit	-	N/A	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	-	N/A	N/A
Total Boron (B)	-	0.1	mg/L	n.d.	-	-	-	-	-	-	-	-	-	-	-	N/A

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TEST RESULTS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Untreated Wastewater		Effluent		Sludge	Reporting Limit	Units	Leachate	Factory Performances				Local Wastewater Discharge Requirement %																																																						
				Untreated Wastewater	Effluent	Reporting Limit	Units					Untreated Wastewater	Effluent	Sludge	Leachate		Effluent																																																					
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Untreated Wastewater</th> <th>Effluent</th> <th>-</th> <th>-</th> <th>Sludge</th> <th>-</th> <th>-</th> <th>-</th> </tr> </thead> <tbody> <tr> <td>Date of Sampling</td> <td>22-03-2025</td> <td>22-03-2025</td> <td>-</td> <td>-</td> <td>22-03-2025</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Sampling Location</td> <td>ETP Inlet Drain Line</td> <td>ETP Outlet Drain Line</td> <td>-</td> <td>-</td> <td>Sludge Sack</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Sampling Start Time</td> <td>10:05</td> <td>10:00</td> <td>-</td> <td>-</td> <td>16:30</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Sampling End Time</td> <td>16:05</td> <td>16:00</td> <td>-</td> <td>-</td> <td>16:40</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Date of Sample Received</td> <td>22-03-2025</td> <td>22-03-2025</td> <td>-</td> <td>-</td> <td>22-03-2025</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>																	Sample ID	Untreated Wastewater	Effluent	-	-	Sludge	-	-	-	Date of Sampling	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-	Sampling Location	ETP Inlet Drain Line	ETP Outlet Drain Line	-	-	Sludge Sack	-	-	-	Sampling Start Time	10:05	10:00	-	-	16:30	-	-	-	Sampling End Time	16:05	16:00	-	-	16:40	-	-	-	Date of Sample Received	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-
Sample ID	Untreated Wastewater	Effluent	-	-	Sludge	-	-	-																																																														
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Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers																																																																						
Nonylphenol ethoxylates (NPEO)	Multiple including: 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	5	µg/L	n.d.	-	0.4	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-	-																																																						
Nonylphenol (NP), mixed isomers	Multiple including: 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3	5	µg/L	n.d.	-	0.4	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-	-																																																						
Octylphenol ethoxylates (OPEO)	Multiple including: 9002-93-1, 9036-19-5, 68987-90-6	5	µg/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	µg/L	n.d.	-	0.4	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-	-																																																						
Antimicrobials and Biocides																																																																						
o-Phenylphenol (+salts)	90-43-7	100	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																						
Triclosan	3380-34-5	100	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																						
Permethrin	Multiple including: 52645-53-1	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																						
Chlorinated Paraffins																																																																						
Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																						
Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)	85535-84-8	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																						
Chlorobenzenes and Chlorotoluenes																																																																						
1,2-Dichlorobenzene	95-50-1	0.2	µg/L	0.4	-	-	-	-	-	-	-	Detected	-	-	-	-																																																						
Monochlorobenzene	108-90-7	0.2	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																						
1,3-Dichlorobenzene	541-73-1	0.2	µg/L	0.6	-	-	-	-	-	-	-	Detected	-	-	-	-																																																						
1,4-Dichlorobenzene	106-46-7	0.2	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																						
1,2,3-Trichlorobenzene	87-61-6	0.2	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																						
1,2,4-Trichlorobenzene	120-82-1	0.2	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																						
1,3,5-Trichlorobenzene	108-70-3	0.2	µg/L	0.6	-	-	-	-	-	-	-	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	-	-	-	-																																																						

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				Untreated Wastewater	Effluent	Reporting Limit	Units					Untreated Wastewater	Effluent	Sludge	Leachate		Effluent
				Sample ID	Untreated Wastewater	Effluent	-	-	Sludge	-	-	-					
				Date of Sampling	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-					
				Sampling Location	ETP Inlet Drain Line	ETP Outlet Drain Line	-	-	Sludge Sack	-	-	-					
				Sampling Start Time	10:05	10:00	-	-	16:30	-	-	-					
				Sampling End Time	16:05	16:00	-	-	16:40	-	-	-					
				Date of Sample Received	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-					
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	-	-	
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	-	-	
Chlorophenols																	
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	-	-	-	-	

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TEST RESULTS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Untreated Wastewater		Effluent		Sludge		Leachate		Factory Performances				Local Wastewater Discharge Requirement %
				Reporting Limit	Units	Reporting Limit	Units	Reporting Limit	Units	Reporting Limit	Units	Untreated Wastewater	Effluent	Sludge	Leachate	
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	87-85-0	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	-	-	-	-
N,N-Di-methylformamide (DMFa)																
Dimethyl formamide; N,N-Dimethylformamide (DMFa)	68-12-2	1000	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Dyes - Carcinogenic or Equivalent Concern																
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	-	-	-	-

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TEST RESULTS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Untreated Wastewater		Effluent		Sludge	Reporting Limit	Units	Leachate	Factory Performances				Local Wastewater Discharge Requirement %	
				Untreated Wastewater	Effluent	Reporting Limit	Units					Untreated Wastewater	Effluent	Sludge	Leachate		Effluent
				Sample ID	Untreated Wastewater	Effluent	-	-	Sludge	-	-	-					
				Date of Sampling	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-					
				Sampling Location	ETP Inlet Drain Line	ETP Outlet Drain Line	-	-	Sludge Sack	-	-	-					
				Sampling Start Time	10:05	10:00	-	-	16:30	-	-	-					
				Sampling End Time	16:05	16:00	-	-	16:40	-	-	-					
				Date of Sample Received	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-					
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	-	-	-	-	
Dyes - Disperse (Allergenic)																	
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	-	-	-	-	
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	-	-	-	-	

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TEST RESULTS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge	Reporting Limit	Units	Leachate	Factory Performances				Local Wastewater Discharge Requirement %																																																																																															
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Sample ID</td> <td>Untreated Wastewater</td> <td>Effluent</td> <td>-</td> <td>-</td> <td>Sludge</td> <td>-</td> </tr> <tr> <td style="text-align: center;">Date of Sampling</td> <td>22-03-2025</td> <td>22-03-2025</td> <td>-</td> <td>-</td> <td>22-03-2025</td> <td>-</td> </tr> <tr> <td style="text-align: center;">Sampling Location</td> <td>ETP Inlet Drain Line</td> <td>ETP Outlet Drain Line</td> <td>-</td> <td>-</td> <td>Sludge Sack</td> <td>-</td> </tr> <tr> <td style="text-align: center;">Sampling Start Time</td> <td>10:05</td> <td>10:00</td> <td>-</td> <td>-</td> <td>16:30</td> <td>-</td> </tr> <tr> <td style="text-align: center;">Sampling End Time</td> <td>16:05</td> <td>16:00</td> <td>-</td> <td>-</td> <td>16:40</td> <td>-</td> </tr> <tr> <td style="text-align: center;">Date of Sample Received</td> <td>22-03-2025</td> <td>22-03-2025</td> <td>-</td> <td>-</td> <td>22-03-2025</td> <td>-</td> </tr> </table>																Sample ID	Untreated Wastewater	Effluent	-	-	Sludge	-	-	-	-	-	-	-	-	-	-	Date of Sampling	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-	-	-	-	-	-	-	-	Sampling Location	ETP Inlet Drain Line	ETP Outlet Drain Line	-	-	Sludge Sack	-	-	-	-	-	-	-	-	-	-	Sampling Start Time	10:05	10:00	-	-	16:30	-	-	-	-	-	-	-	-	-	-	Sampling End Time	16:05	16:00	-	-	16:40	-	-	-	-	-	-	-	-	-	-	Date of Sample Received	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-	-	-	-	-	-	-	-
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Flame Retardants																																																																																																															
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	-	-	-	-																																																																																															
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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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

TEST RESULTS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Untreated Wastewater		Effluent		Sludge		Leachate		Factory Performances				Local Wastewater Discharge Requirement %	
				Untreated Wastewater	Effluent	Reporting Limit	Units	Reporting Limit	Units	Reporting Limit	Units	Untreated Wastewater	Effluent	Sludge	Leachate		Effluent
				Sample ID	Untreated Wastewater	Effluent	-	-	Sludge	-	-	-					
				Date of Sampling	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-					
				Sampling Location	ETP Inlet Drain Line	ETP Outlet Drain Line	-	-	Sludge Sack	-	-	-					
				Sampling Start Time	10:05	10:00	-	-	16:30	-	-	-					
				Sampling End Time	16:05	16:00	-	-	16:40	-	-	-					
				Date of Sample Received	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-					
Tris(1-aziridinyl) phosphine oxide) (TEPA)	545-55-1	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tris(2-chloroethyl) phosphate (TCPEP)	115-96-8	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tris(2,3-dibromopropyl)-phosphate (TRIS)	126-72-7	25	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Glycols / Glycol Ethers																	
2-ethoxyethanol	110-80-5	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
2-ethoxyethyl acetate	111-15-9	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
2-methoxyethanol	109-86-4	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
2-methoxyethylacetate	110-49-6	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
2-methoxypropylacetate	70657-70-4	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Bis(2-methoxyethyl)-ether	111-96-6	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Ethylene glycol dimethylether	110-71-4	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Triethylene glycol dimethylether	112-49-2	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Halogenated Solvents																	
1,2-Dichloroethane	107-06-2	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Methylene chloride	75-09-2	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tetrachloroethylene	127-18-4	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Trichloroethylene	79-01-6	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Organotin Compounds																	
Dipropyltin Compounds (DPT)	Multiple including: 867-36-7	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Mono-, di- and tri-butyltin derivatives		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Monobutyltin (MBT)	Multiple including: 1118-46-3, 1461-22-9	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Dibutyltin (DBT)		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tributyltin (TBT)		0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
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	-	-	-	-	

TEST RESULTS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Untreated Wastewater		Effluent		Sludge		Leachate		Factory Performances				Local Wastewater Discharge Requirement %																																																																														
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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	-	-	-	-																																																																														
Diocetyltn (DOT)		0.01	µg/L	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																													
Triocetyltn (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	-	-	-	-																																																																												
Tetraethyltin Compounds (TeBT)		Multiple including: 1461-25-2, 597-64-8, 3590-84-9, 3091-32-5, 2279-76-7	0.01	µg/L	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																												
Tetraethyltin Compounds (TeET)			0.01	µg/L	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																												
Tetraoctyltin Compounds (TeOT)			0.01	µg/L	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																												
Tricyclohexyltin (TCyHT)			0.01	µg/L	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																												
Tripropyltin Compounds (TPT)		0.01	µg/L	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-	-																																																																												
Other / Miscellaneous Chemicals																																																																																														
AEEA [2-(2-aminoethylamino) ethanol]	111-41-1	500	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														
Bisphenol A	80-05-7	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														
Borate, zinc salt	12767-90-7	100	µg/L	See Total Zinc (Zn) & Total Boron (B) Results	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														
Quinoline	91-22-5	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														
Thiourea	62-56-6	50	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														
Perfluorinated and Polyfluorinated Chemicals (PFCs)																																																																																														
Perfluorooctane sulfonate (PFOS)**	1763-23-1	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														
N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE)	1691-99-2	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (MeFOSE)	24448-09-7	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														
Perfluorooctane sulfonamide (PFOSA)	754-91-6	0.01	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																														

TEST RESULTS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Untreated Wastewater		Effluent		Sludge		Leachate		Factory Performances				Local Wastewater Discharge Requirement %
				Reporting Limit	Units	Reporting Limit	Units	Reporting Limit	Units	Reporting Limit	Units	Untreated Wastewater	Effluent	Sludge	Leachate	
Perfluorooctanoic acid (PFOA)**	335-67-1	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Methyl Perfluorooctanoate (Me-PFOA)	376-27-2	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Ethyl Perfluorooctanoate (Et-PFOA)	3108-24-5	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)	27905-45-9	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
8:2 Fluorotelomer methacrylate (8:2 FTMA)	1996-88-9	1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Phthalates - including all other esters of ortho-phthalic acid																
1,2-benzenedicarboxylic acid, di-C6-8 branched and liearalkyl esters, C7-rich (DIHP)	71888-89-6, 84777-06-0	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1,2-benzenedicarboxylic acid, di-C7-11 branched and liearalkyl esters (DHNU)	68515-42-4, 68515-50-4	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Butyl benzyl phthalate (BBP)	85-68-7	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Di-isobutyl phthalate (DIBP)	84-69-5	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Di-isononyl phthalate (DINP)	28553-12-0	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Di-n-hexyl phthalate (DnHP)	84-75-3	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Di-n-octyl phthalate (DNOP)	117-84-0	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Di-n-pentylphthalates	131-18-0	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Di-n-propyl phthalate (DPRP)	131-16-8	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Di(ethylhexyl) phthalate (DEHP)	117-81-7	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Dibutyl phthalate (DBP)	84-74-2	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Diethyl phthalate (DEP)	84-66-2	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Diisopentylphthalates	605-50-5	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Dinonyl phthalate (DNP)	84-76-4	10	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-

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Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

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				Untreated Wastewater	Effluent	Reporting Limit	Units					Untreated Wastewater	Effluent	Sludge	Leachate		Effluent
				Sample ID	Untreated Wastewater	Effluent	-	-	Sludge	-	-	-					
				Date of Sampling	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-					
				Sampling Location	ETP Inlet Drain Line	ETP Outlet Drain Line	-	-	Sludge Sack	-	-	-					
				Sampling Start Time	10:05	10:00	-	-	16:30	-	-	-					
				Sampling End Time	16:05	16:00	-	-	16:40	-	-	-					
				Date of Sample Received	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-					
Polycyclic Aromatic Hydrocarbons (PAHs)																	
Acenaphthene	83-32-9	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-	-	
Acenaphthylene	208-96-8	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-	-	
Anthracene	120-12-7	1	µg/L	n.d.	-	0.2	mg/kg	n.d.	-	-	-	Not Detected	-	Not Detected	-	-	
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	-	-	
Restricted Aromatic Amines (Cleavable from Azo-Colourants)																	
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	-	-	-	-	
2,4,5-trimethylaniline	137-17-7	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
2,4,5-trimethylaniline hydrochloride [^]	21436-97-5	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
2,6-xylidine	87-62-7	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
3,3'-dichlorobenzidine	91-94-1	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	

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TEST RESULTS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Untreated Wastewater		Effluent		Sludge	Reporting Limit	Units	Leachate	Factory Performances				Local Wastewater Discharge Requirement %
				Untreated Wastewater	Effluent	Reporting Limit	Units					Untreated Wastewater	Effluent	Sludge	Leachate	
3,3-dimethoxybenzidine	119-90-4	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
3,3-dimethylbenzidine	119-93-7	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4-aminoazobenzene	60-09-3	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4-aminodiphenyl	92-67-1	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4-chloro-o-toluidine	95-69-2	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4-chloro-o-toluidinium chloride ^Δ	3165-93-3	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4-chloroaniline	106-47-8	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate ^Δ	39156-41-7	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4-methoxy-m-phenylenediamine	615-05-4	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4-methyl-m-phenylenediamine	95-80-7	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4,4-methylene-bis-(2-chloroaniline)	101-14-4	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4,4-methylenedi-o-toluidine	838-88-0	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4,4-methylenedianiline	101-77-9	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4,4-oxydianiline	101-80-4	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4,4-thiodianiline	139-65-1	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
5-nitro-o-toluidine	99-55-8	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
6-methoxy-m-toluidine	120-71-8	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Benzidine	92-87-5	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
o-aminoazotoluene	97-56-3	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
o-anisidine	90-04-0	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
o-toluidine	95-53-4	0.1	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
UV Absorbers																
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	100	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphenol (UV-328)	25973-55-1	100	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	100	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl)phenol (UV-327)	3864-99-1	100	µg/L	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

TEST RESULTS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

Items	CAS No.	Reporting Limit	Units	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge ϕ	Reporting Limit	Units	Leachate	Factory Performances				Local Wastewater Discharge Requirement %																																																													
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Sample ID</td> <td>Untreated Wastewater</td> <td>Effluent</td> <td>-</td> <td>-</td> <td>Sludge</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td colspan="4" rowspan="6" style="text-align: center; vertical-align: middle;">Factory Performances</td> <td rowspan="6" style="text-align: center; vertical-align: middle;">Local Wastewater Discharge Requirement %</td> </tr> <tr> <td>Date of Sampling</td> <td>22-03-2025</td> <td>22-03-2025</td> <td>-</td> <td>-</td> <td>22-03-2025</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Sampling Location</td> <td>ETP Inlet Drain Line</td> <td>ETP Outlet Drain Line</td> <td>-</td> <td>-</td> <td>Sludge Sack</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Sampling Start Time</td> <td>10:05</td> <td>10:00</td> <td>-</td> <td>-</td> <td>16:30</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Sampling End Time</td> <td>16:05</td> <td>16:00</td> <td>-</td> <td>-</td> <td>16:40</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Date of Sample Received</td> <td>22-03-2025</td> <td>22-03-2025</td> <td>-</td> <td>-</td> <td>22-03-2025</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>																Sample ID	Untreated Wastewater	Effluent	-	-	Sludge	-	-	-	-	-	-	Factory Performances				Local Wastewater Discharge Requirement %	Date of Sampling	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-	Sampling Location	ETP Inlet Drain Line	ETP Outlet Drain Line	-	-	Sludge Sack	-	-	-	Sampling Start Time	10:05	10:00	-	-	16:30	-	-	-	Sampling End Time	16:05	16:00	-	-	16:40	-	-	-	Date of Sample Received	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-
Sample ID	Untreated Wastewater	Effluent	-	-	Sludge	-	-	-	-	-	-	Factory Performances				Local Wastewater Discharge Requirement %																																																													
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Date of Sample Received	22-03-2025	22-03-2025	-	-	22-03-2025	-	-	-																																																																					
Volatile Organic Compounds (VOC)																																																																													
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	-	-	-	-																																																													
Additional Parameters																																																																													
Dry Mass (Total Solids)	-	-	-	-	-	-	%	22.0	-	-	-	-	-	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-NH₄ (CAS No.: 29081-56-9), PFOS-NH(OH)₂ (CAS No.: 70225-14-8), PFOS-N(C₂H₅)₄ (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
- ϕ 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
- *Sample received temperature is greater than 8°C and less than 10°C when received from the laboratory
- Δ The analysis was performed by a subcontracted laboratory assessed as competent

TEST PARAMETERS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1,Zitar More, Kashimpur,Gazipur Sadar.

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE							LEACHATE						
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
Conventional Parameters																			
pH	-	Wastewater: APHA 4500H+B Sludge: EPA SW 9045D	6-9			N/A	N/A	N/A	5-11	5-11	6.5-9	6.5-9							
Temp-Difference	-	Wastewater: APHA 2550	Δ+15°C	Δ+10°C	Δ+5°C														
E. Coli	-	Wastewater: APHA 9221B & APHA 9221G	126MPN/100mL																
Colour (436nm; 525nm; 620nm)	-	Wastewater: ISO 7887 B	7.5;3m ⁻¹	5;3;2m ⁻¹	2;1;1m ⁻¹														
Persistent Foam	-	Wastewater: Onsite	No indication of Persistent Foam in receiving water																
Wastewater Flow Rate	-	Wastewater: Onsite	15m ³ per day																
Ammonium-N	-	Wastewater: APHA 4500 NH3 F	10mg/L	1mg/L	0.5mg/L														
AOX	-	Wastewater: ISO 9562	3mg/L	0.5mg/L	0.1mg/L														
Biochemical Oxygen Demand 5-days Concentration (BOD ₅)	-	Wastewater: APHA 5210 B	30mg/L	15mg/L	8mg/L														
Chemical Oxygen Demand (COD)	-	Wastewater: APHA 5220 D	150mg/L	80mg/L	40mg/L														
Dissolved Oxygen (DO)	-	Wastewater: APHA 4500-O-G	≥4mg/L																
Oil & Grease	-	Wastewater: APHA 5520-B/C	10mg/L	2mg/L	0.5mg/L														
Total Phenols / Phenol Index	-	Wastewater: APHA 5530-B	0.5mg/L	0.01mg/L	0.001mg/L														
Total Chlorine	-	Wastewater: APHA 4500-Cl-G	1mg/L																
Total Dissolved Solids (TDS)	-	Wastewater: APHA 2540-C	Sample and Report Only																
Total Nitrogen	-	Wastewater: APHA 4500-N B/C	20mg/L	10mg/L	5mg/L														
Total Phosphorus	-	Wastewater: APHA 4500P-J	3mg/L	0.5mg/L	0.1mg/L														
Total Suspended Solids (TSS)	-	Wastewater: APHA 2540D	50mg/L	15mg/L	5mg/L														
Faecal Coliform	-	Sludge: EPA 1681				N/A	N/A	N/A	N/A	N/A	<1000 MPN/g	<1000 MPN/g							
% Solids	-	Sludge: EPA 160.3				Sample and Report Only													
Paint Filter Test	-	Sludge: EPA 9095 B				N/A	N/A	N/A	Pass	Pass	Pass	Pass							

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ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE							LEACHATE							
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	
Anions																				
Chloride	-	Wastewater: APHA 4500-CI D	Sample and Report Only			-							-							
Cyanide, Total	-	Wastewater: APHA 4500-CN-E Sludge: EPA 3050, EPA 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	-	Wastewater: APHA 4500-SO4 E	Sample and Report Only			-							-							
Sulfide	-	Wastewater: APHA 4500-S2-D	0.5mg/L	0.05mg/L	0.01mg/L	-							-							
Sulfite	-	Wastewater: APHA 4500-SO32-C	2mg/L	0.5mg/L	0.2mg/L	-							-							
Metals																				
Total Antimony (Sb)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	0.1mg/L	0.05mg/L	0.01mg/L	-	-	-	-	-	-	-	N/A	N/A	N/A	N/A	7.8mg/L	0.6mg/L	0.6mg/L	0.6mg/L
Chromium (VI)	-	Wastewater: ISO 18412:2005 Sludge: USEPA 3060a, USEPA 7196 Leachate: N/A	0.05mg/L	0.005mg/L	0.001mg/L	-	-	-	-	-	-	-	50mg/kg	N/A	N/A	N/A	3.75mg/L	2.5mg/L	2.5mg/L	2.5mg/L
Total Barium (Ba)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	Sample and Report Only			-	-	-	-	-	-	-	N/A	N/A	N/A	N/A	67.5mg/L	35mg/L	35mg/L	35mg/L
Total Selenium (Se)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	Sample and Report Only			-	-	-	-	-	-	-	36mg/kg	N/A	N/A	N/A	0.75mg/L	0.5mg/L	0.5mg/L	0.5mg/L
Total Tin (Sn)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	Sample and Report Only			-							-							
Total Arsenic (As)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	0.05mg/L	0.01mg/L	0.005mg/L	-	-	-	-	-	-	-	41mg/kg	N/A	N/A	N/A	2.75mg/L	0.5mg/L	0.5mg/L	0.5mg/L
Total Chromium (Cr)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	0.2mg/L	0.1mg/L	0.05mg/L	-	-	-	-	-	-	-	1200mg/kg	N/A	N/A	N/A	5mg/L	5mg/L	5mg/L	5mg/L
Total Cobalt (Co)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	0.05mg/L	0.02mg/L	0.01mg/L	-	-	-	-	-	-	-	N/A	N/A	N/A	N/A	80mg/L	80mg/L	80mg/L	80mg/L
Total Cadmium (Cd)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	0.1mg/L	0.05mg/L	0.01mg/L	-	-	-	-	-	-	-	39mg/kg	N/A	N/A	N/A	0.58mg/L	0.15mg/L	0.15mg/L	0.15mg/L
Total Copper (Cu)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	1mg/L	0.5mg/L	0.25mg/L	-	-	-	-	-	-	-	1500mg/kg	N/A	N/A	N/A	17.5mg/L	10mg/L	10mg/L	10mg/L
Total Lead (Pb)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	0.1mg/L	0.05mg/L	0.01mg/L	-	-	-	-	-	-	-	400mg/kg	N/A	N/A	N/A	2.75mg/L	0.5mg/L	0.5mg/L	0.5mg/L

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TEST PARAMETERS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1,Zitar More, Kashipur,Gazipur Sadar.

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE							LEACHATE							
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	
Total Nickel (Ni)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	0.2mg/L	0.1mg/L	0.05mg/L	-	-	-	-	-	-	-	420mg/kg	N/A	N/A	N/A	11.75mg/L	3.5mg/L	3.5mg/L	3.5mg/L
Total Silver (Ag)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	0.1mg/L	0.05mg/L	0.005mg/L	-	-	-	-	-	-	-	N/A	N/A	N/A	N/A	5mg/L	5mg/L	5mg/L	5mg/L
Total Zinc (Zn)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	5mg/L	1mg/L	0.5mg/L	-	-	-	-	-	-	-	2800mg/kg	N/A	N/A	N/A	50mg/L	50mg/L	50mg/L	50mg/L
Total Mercury (Hg)	-	Wastewater: EPA 200.8, EPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	0.01 mg/L	0.005mg/L	0.001mg/L	-	-	-	-	-	-	-	17mg/kg	N/A	N/A	N/A	0.125mg/L	0.05mg/L	0.05mg/L	0.05mg/L
Total Boron (B)	-	Wastewater: USEPA 200.8,USEPA 6010C,USEPA 6020A Sludge: EPA 3050, EPA 6010D, EPA 6020B Leachate: N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)																				
NP / OP	-	Wastewater:(With reference to ISO 18254-1, ISO 18857-2 Followed by LC/MS & GCMS analysis) Sludge:(With reference to ISO 18254-1, ISO 18857-2 Followed by LC/MS & GCMS analysis)	-	5µg/L	-	0.4mg/kg	-	-	-	-	-	-	-							
NPEO / OPEO	-	Wastewater:(With reference to ISO 18254-1, ISO 18857-2 Followed by LC/MS & GCMS analysis) Sludge:(With reference to ISO 18254-1, ISO 18857-2 Followed by LC/MS & GCMS analysis)	-	5µg/L	-	0.4mg/kg	-	-	-	-	-	-	-							
Antimicrobials and Biocides																				
o-Phenylphenol (+salts)	90-43-7	Wastewater: Solvent extraction & derivatization with BSTFA+TMCS followed by GC/MS	-	100µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Triclosan	3380-34-5	Wastewater: Solvent extraction & derivatization with BSTFA+TMCS followed by GC/MS	-	100µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Permethrin	Multiple including: 52645-53-1	Wastewater: Solvent extraction & derivatization with BSTFA+TMCS followed by GC/MS	-	500µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorinated Paraffins																				
Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	Wastewater: Preparation: EPA 3510 Analysis:ISO18219-2:2021Method for MCCP with GC-MS(NCI) orLC-MS/MS	-	500µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)	85535-84-8	Wastewater: Preparation EPA 3510 Analysis:ISO18219-1:2021,ISO 12010:2019 Methods for SCCP with GC-MS(NCI) or LC-	-	25µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzenes and Chlorotoluenes																				
		Wastewater: (USEPA 8260B, USEPA 8270D, Dichloromethane extraction followed by GC/MS analysis) Sludge: (USEPA 8260B, USEPA 8270D, Dichloromethane extraction followed by GC/MS analysis)	0.2µg/L	-	-	CTs: 0.2mg/kg	-	-	-	-	-	-	-							

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TEST PARAMETERS

Factory Name: Blue Creations Ltd.
Factory Address: 387/1,Zitar More, Kashimpur,Gazipur Sadar.

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE							LEACHATE						
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
Perfluorinated and Polyfluorinated Chemicals (PFCs)		Wastewater: Ionic PFAS: With reference to EPA 537:2020 and followed by LC-MSMS/LCMS analysis. Non-ionic PFAS (FTA/FTOH): Solvent extraction & derivatisation with acetic anhydride followed by GC/MS analysis	PFOS and related substances: 0.01µg/L PFOA and related substances: 1µg/L			-							-						
Phthalates		Wastewater: USEPA 8270E, ISO 18856, Solvent extraction followed by GC/MS analysis	10µg/L			-							-						
Polycyclic Aromatic Hydrocarbons (PAHs)		Wastewater: USEPA 8270E, Solvent extraction followed by GC/MS analysis Sludge: USEPA 8270E, Solvent extraction followed by GC/MS analysis	1µg/L	0.2mg/kg	0.2mg/kg	0.2mg/kg	0.2mg/kg	0.2mg/kg	0.2mg/kg	0.2mg/kg	0.2mg/kg	-							
Restricted Aromatic Amines		Wastewater: With reference to EN 14362-1 & 3 and Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC-DAD analysis	0.1µg/L			-							-						
UV Absorbers		Wastewater: Dichloromethane extraction followed by GCMS analysis	100µg/L			-							-						
Volatile Organic Compounds (VOC)																			
Benzene	71-43-2	Wastewater: USEPA 8260D, Head-space & Solvent extraction followed by GC/MS analysis	1µg/L			-							-						
m-cresol	108-39-4	Wastewater: USEPA 8260D, Head-space & Solvent extraction followed by GC/MS analysis	1µg/L			-							-						
o-cresol	95-48-7	Wastewater: USEPA 8260D, Head-space & Solvent extraction followed by GC/MS analysis	1µg/L			-							-						
p-cresol	106-44-5	Wastewater: USEPA 8260D, Head-space & Solvent extraction followed by GC/MS analysis	1µg/L			-							-						
Toluene	108-88-3	Wastewater: USEPA 8260D, Head-space & Solvent extraction followed by GC/MS analysis	1µg/L			-							-						
Xylene	1330-20-7	Wastewater: USEPA 8260D, Head-space & Solvent extraction followed by GC/MS analysis	1µg/L			-							-						

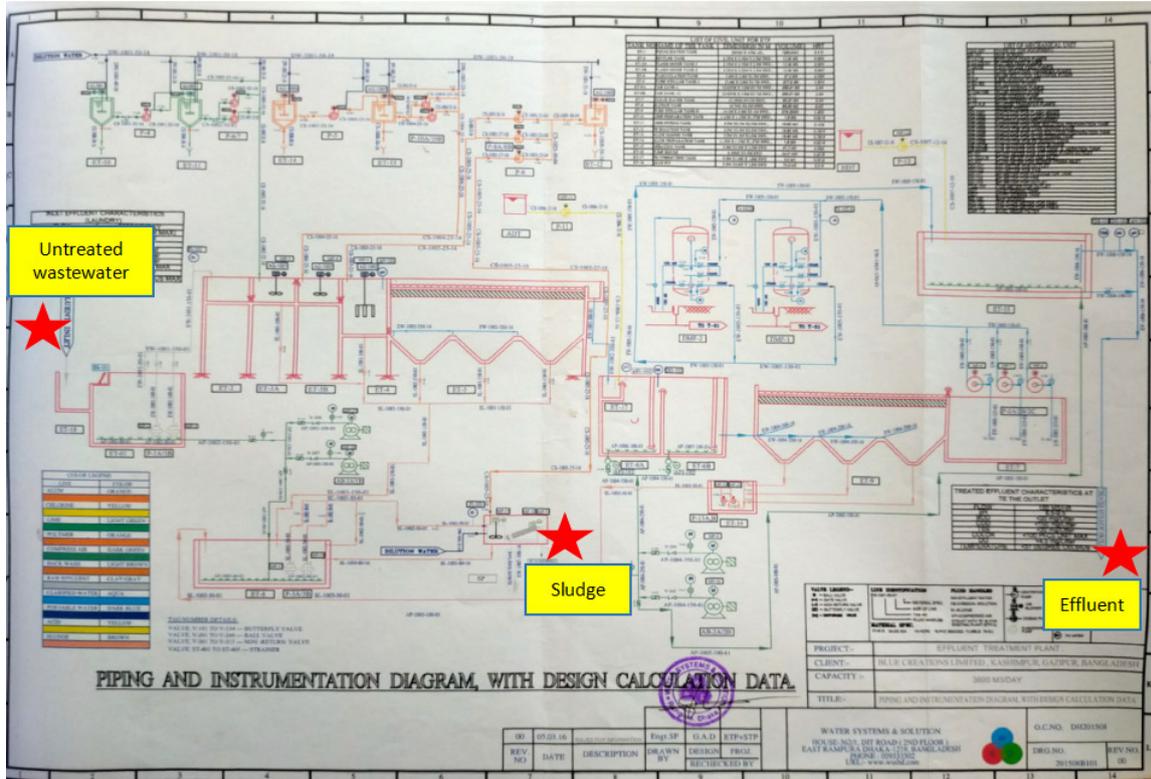
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PIPING PLAN

Factory Name: Blue Creations Ltd.
Factory Address: 387/1,Zitar More, Kashimpur,Gazipur Sadar.



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SAMPLING PHOTOS

Factory Name: Blue Creations Ltd.

Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

PERSISTENT FOAM

Date & Time of Measurement: 22-03-2025; 13:00

Sampling Location: Outlet



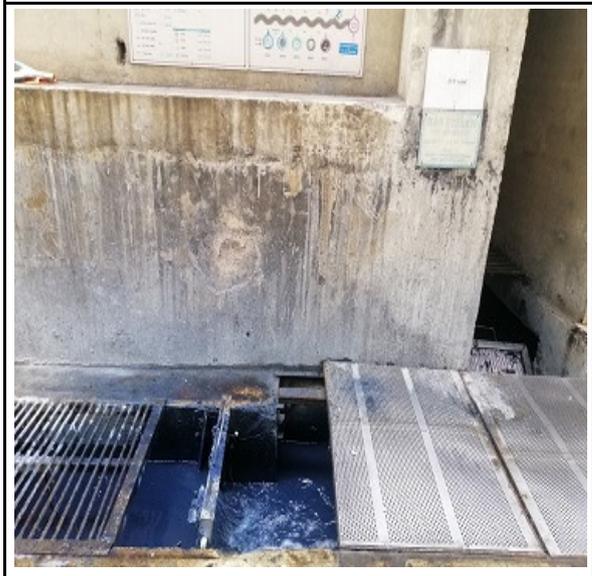
UNTREATED WASTEWATER

Date & Time of Measurement: 22-03-2025; 13:05
GPS Data: N23.9857929 E90.323748

SAMPLING LOCATION, CLOSE-UP VIEW



SAMPLING LOCATION, FAR VIEW



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SAMPLING PHOTOS

Factory Name: Blue Creations Ltd.

Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

EFFLUENT

Date & Time of Measurement: 22-03-2025; 13:00
GPS Data: N23.9857167 E90.3237035

SAMPLING LOCATION, CLOSE-UP VIEW



SLUDGE

Date & Time of Measurement: 22-03-2025; 16:30
GPS Data: N23.9857287 E90.3235074

SAMPLING LOCATION, CLOSE-UP VIEW



SAMPLING LOCATION, FAR VIEW



SAMPLING LOCATION, FAR VIEW



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LOCAL WASTEWATER DISCHARGE REQUIREMENT

**LOCAL WASTEWATER DISCHARGE REQUIREMENTS BASED ON The Environment Conservation Rules, 2023
 (BANGLADESH LOCAL REGULATION-SCHEDULE-5)**

Factory Name: Blue Creations Ltd.
 Factory Address: 387/1,Zitar More, Kashimpur,Gazipur Sadar.

The Environment Conservation Rules, 2023				
SCHEDULE-5				
Paramters	CAS No.	Effluent		
			Value	Unit
pH Value (min.)	-	-	6	-
pH Value (max.)	-	-	9	-
Temperature	-	-	Maximum 5 °C above the temperature of the water body	°C
Biochemical Oxygen Demand (BOD5 at 20 °C)	-	<	30	mg/L
Chemical Oxygen Demand (COD)	-	<	200	mg/L
Total Suspended Solids (TSS)	-	<	100	mg/L
Total Dissolved Solid(TDS)	-	<	2100	mg/L
Sulfide	-	<	2	mg/L
Oil and Grease	-	<	10	mg/L
Cadmium (Cd)	7440-43-9	<	0.02	mg/L
Lead (Pb)	7439-92-1	<	0.1	mg/L
Nickel (Ni)	7440-02-0	<	1	mg/L
Chromium (Total Cr)	7440-47-3	<	0.5	mg/L
Cobalt (Co)	7440-48-4	<	0.5	mg/L
Phenol Compounds	-	<	1	mg/L

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ZDHC WASTEWATER SAMPLING FIELD DATA FORM AND REPRESENTATIVE SAMPLE DECLARATION

Factory Name: Blue Creations Ltd.
 Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar.

SGS

ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration

ZDHC Wastewater Sampling Information:

Factory Name: Blue Creations Ltd.
 Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar
 Sampling Location: Untreated Wastewater Effluent Sludge
 GPS Data: _____
 Sampling Date: 22/03/2025
 Sampling Time: _____
 Sample ID: OP-3845

Sampler Information:

Sampler Name: Syed Atikur Rahman
 Sampler E-mail: Atikur.Rahman@sgs.com
 ZDHC Sampler Accreditation Cert. No.: ZDHC-A-24-E-C001068-R3DEC-40DD8

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	4.0, 7.0, 10.0	4.01, 7.01, 10.03	100%
Total Chlorine	-	-	-

ZDHC Wastewater Flow Device Dimensions

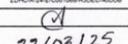
Measurement (cm)	Meter	Pipe (O)	Flume (U)	Wier (V)
Diameter	NA			
Depth	NA	NA	NA	

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)	Factory Outlet Flow Meter Reading (m ³ /Hr)	Measure Flow Rate (m ³ /Hr)	Alternate Measured Flow	
	Wastewater Discharge	Receiving Water								Depth (cm)	Velocity (cm/s)
0	28.0	-	6.69	light blue	NO	4.64	0.62	72.46	-	-	-
1	28.2	-	6.75	11	NO	4.60	0.64	70.28	-	-	-
2	27.8	-	6.68	11	NO	4.57	0.58	71.20	-	-	-
3	28.1	-	6.63	11	NO	4.61	0.62	72.40	-	-	-
4	28.3	-	6.70	11	NO	4.63	0.64	70.10	-	-	-
5	27.6	-	6.68	11	NO	4.58	0.60	69.90	-	-	-
6	28.0	-	6.72	11	NO	4.60	0.63	71.04	-	-	-
Average	28.0	-	6.69			4.60	0.62	71.05	-	-	-

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: Blue Creations Ltd. Sampler Name: Syed Atikur Rahman
 Factory Representative Name: Md. Masud Bin Morshed ZDHC Sampler Accreditation Cert. No.: ZDHC-A-24-E-C001068-R3DEC-40DD8
 Factory Representative Signature and Stamp:  Sampler Signature: 
 22/03/25

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ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration

ZDHC Wastewater Sampling Information:

Factory Name: Blue Creations Ltd.
 Factory Address: 387/1, Ziar More, Kashimpur, Gazipur Sadar
 Sampling Location: Untreated Wastewater Effluent Sludge
 GPS Data:
 Sampling Date: 22/03/2025
 Sampling Time:
 Sample ID: OP-3845

Sampler Information:

Sampler Name: Syed Atikur Rahman
 Sampler E-mail: Atikur.Rahman@sgs.com
 ZDHC Sampler Accreditation Cert. No.: ZDHC-A-24-E-C001068-R3DEC-40DDB

Sampling Method:

Grab 4-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

ZDHC Wastewater Sampling Field Testing QA/QC				
Parameter	LCS Known	LCS Measured	Accuracy %	
pH	4.0, 7.0, 10.0	4.01, 7.01, 10.03	100%	
Total Chlorine	—	—	—	

ZDHC Wastewater Flow Device Dimensions

ZDHC Wastewater Flow Device Dimensions				
Measurement (cm)	Meter	Pipe (O)	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)	Factory Outlet Flow Meter Reading (m ³ /Hr)	Measure Flow Rate (m ³ /Hr)	Alternate Measured Flow	
	Wastewater Discharge	Receiving Water								Depth (cm)	Velocity (cm/s)
0	34.1	—	—	Dark Blue	NO	—	—	—	—	—	—
1	36.2	—	—	—	NO	—	—	—	—	—	—
2	36.0	—	—	—	NO	—	—	—	—	—	—
3	34.8	—	—	—	NO	—	—	—	—	—	—
4	34.7	—	—	—	NO	—	—	—	—	—	—
5	36.0	—	—	—	NO	—	—	—	—	—	—
6	35.7	—	—	—	NO	—	—	—	—	—	—
Average	35.3	—	—	—	NO	—	—	—	—	—	—

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: Blue Creations Ltd. Sampler Name: Syed Atikur Rahman
 Factory Representative Name: Md. Mahoshin Monjin ZDHC Sampler Accreditation Cert. No.: ZDHC-A-24-E-C001068-R3DEC-40DDB
 Factory Representative Signature and Stamp: [Signature] Sampler Signature: [Signature]



22/03/25

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ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration

ZDHC Wastewater Sampling Information:

Factory Name: Blue Creations Ltd.
 Factory Address: 387/1, Zitar More, Kashimpur, Gazipur Sadar
 Sampling Location: Untreated Wastewater Effluent Sludge
 GPS Data:
 Sampling Date: 22/03/2025
 Sampling Time:
 Sample ID: OP-3845

Sampler Information:

Sampler Name: Syed Atikur Rahman
 Sampler E-mail: Atikur.Rahman@sgs.com
 ZDHC Sampler Accreditation Cert. No.: ZDHC-A-24-E-C001068-R3DEC-40DD8

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

ZDHC Wastewater Sampling Field Testing QA/QC			
Parameter	LCS Known	LCS Measured	Accuracy %
pH			
Total Chlorine			

ZDHC Wastewater Flow Device Dimensions

ZDHC Wastewater Flow Device Dimensions				
Measurement (cm)	Meter	Pipe (O)	Flume (U)	Wier (V)
Diameter	NA			
Depth	NA	NA	NA	

ZDHC Wastewater Sample Collection Field Test Measurements

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)	Factory Outlet Flow Meter Reading (m ³ /hr)	Measure Flow Rate (m ³ /hr)	Alternate Measured Flow	
	Wastewater Discharge	Receiving Water								Depth (cm)	Velocity (cm/s)
0				Black							
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: Blue Creations Ltd. Sampler Name: Syed Atikur Rahman
 Factory Representative Name: Md. Mahomud Momin ZDHC Sampler Accreditation Cert. No.: ZDHC-A-24-E-C001068-R3DEC-40DD8
 Factory Representative Signature and Stamp: [Signature] Sampler Signature: [Signature]



***** END OF REPORT *****