

**SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)**

Number: BGLA25004814

Report Date: 31/05/2025

Factory's name:	EXECUTIVE APPAREL PROCESSORS
	No.114a,2nd Stage, Industrial Suburb,, Opp.c.m.t.i.,10th Km, yeshwanthpur, Tumkur Road, Bangalore, Bangalor, Karnataka, 560022, India
Audit Id	Not Applicable
Factory's address:	EXECUTIVE APPAREL PROCESSORS
	No.114a,2nd Stage, Industrial Suburb,, Opp.c.m.t.i.,10th Km, Yeshwanthpur, Tumkur Road, Bangalore, Bangalor, Karnataka, 560022, India
Type of wastewater discharge:	Direct Discharge
On-site Wastewater treatment plant:	Yes: Wastewater Treatment Plant-Direct Discharge
Average total industrial wastewater generated:	≥ 15m ³ /day
Date and time of the beginning of sampling:	22/05/2025 10:15 Hours
Date and time of the end of sampling:	22/05/2025 17:30 Hours
Date received sample:	22/05/2025
Testing period:	From 23/05/2025 to 31/05/2025
Arrival temperature at laboratory:	6.5 °C
Sample type:	
Sample / Incoming water	-
Sample / Untreated wastewater	Sample Colour: Lt.Blue, Composite sample at 10:40,11:40,12:40,13:40,14:40,15:40,16:40 Hours Sampling location: Latitude : 13.031578, Longitude 77.533825
Sample / Discharged wastewater	Sample Colour: Clear, Composite sample at 10:45,11:45,12:45 ,13:45 ,14:45 ,15:45 ,16:45 Hours Sampling location: Latitude 13.031787 Longitude 77.533685
Sample / Sludge	Sample Colour, : Brown, Grab sample at 13:00 Hours Sampling location: Latitude 13.031535 Longitude 77.583695
Sampling laboratory:	Intertek India Pvt Ltd - Bangalore
Testing laboratory:	Intertek India Pvt Ltd - Bangalore
ZDHC sampler accreditation certification number:	C74D106817114
Local legal standard no. [a]:	Karnataka State Pollution Control Board
Parameters (ZDHC WWSG V2.2, Table 2-3) exceeded local regulation:	No
Discharge permit provided:	Yes

Tests conducted:

As requested by a brand program, for details refer to attached page(s).



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Summary of test results:

Wastewater / MRSL – Test items	Testing period	Untreated Wastewater
Alkylphenol ethoxylates / Alkylphenols (APEOs/APs)	From 23/05/2025 to 31/05/2025	ND
Anti-Microbials & Biocides	From 23/05/2025 to 31/05/2025	ND
Chlorinated Parafins	From 23/05/2025 to 31/05/2025	ND
Chlorobenzenes and Chlorotoluenes	From 23/05/2025 to 31/05/2025	ND
Chlorophenols	From 23/05/2025 to 31/05/2025	ND
Dimethyl Formamide (DMFa)	From 23/05/2025 to 31/05/2025	ND
Dyes – Carcinogenic or Equivalent Concern	From 23/05/2025 to 31/05/2025	ND
Dyes – Disperse (Allergenic)	From 23/05/2025 to 31/05/2025	ND
Flame Retardants	From 23/05/2025 to 31/05/2025	ND
Glycols / Glycol Ethers	From 23/05/2025 to 31/05/2025	ND
Halogenated solvents	From 23/05/2025 to 31/05/2025	ND
Organotin compounds	From 23/05/2025 to 31/05/2025	ND
Other/Miscellaneous Chemicals (^)	From 23/05/2025 to 31/05/2025	ND
Perfluorinated & Polyfluorinated chemicals (PFCs)	From 23/05/2025 to 31/05/2025	ND
Phthalates (Ortho-phthalates)	From 23/05/2025 to 31/05/2025	ND
Polycyclic aromatic hydrocarbons (PAHs)	From 23/05/2025 to 31/05/2025	ND
Restricted Aromatic Amines (Cleavable from Azo- colourants)	From 23/05/2025 to 31/05/2025	ND
UV Absorbers	From 23/05/2025 to 31/05/2025	ND
Volatile Organic Compounds (VOC)	From 23/05/2025 to 31/05/2025	ND



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Wastewater / Heavy metals - Test items	Testing period	Discharged wastewater		
		Foundational	Progressive	Aspirational
Antimony	From 23/05/2025 to 31/05/2025			Meet
Chromium (VI)	From 23/05/2025 to 31/05/2025			Meet
Barium	From 23/05/2025 to 31/05/2025	Refer Data		
Selenium	From 23/05/2025 to 31/05/2025	Refer Data		
Tin	From 23/05/2025 to 31/05/2025	Refer Data		
Arsenic	From 23/05/2025 to 31/05/2025			Meet
Chromium (total)	From 23/05/2025 to 31/05/2025			Meet
Cobalt	From 23/05/2025 to 31/05/2025			Meet
Cadmium	From 23/05/2025 to 31/05/2025			Meet
Copper	From 23/05/2025 to 31/05/2025			Meet
Lead	From 23/05/2025 to 31/05/2025			Meet
Nickel	From 23/05/2025 to 31/05/2025			Meet
Silver	From 23/05/2025 to 31/05/2025			Meet
Zinc	From 23/05/2025 to 31/05/2025			Meet
Mercury	From 23/05/2025 to 31/05/2025			Meet

Wastewater / Conventional parameters - Test items	Testing period	Discharged wastewater		
		Foundational	Progressive	Aspirational
pH ^[f]	From 22/05/2025 to 22/05/2025	Meet		
Temperature difference ^[f]	From 22/05/2025 to 22/05/2025			Meet
E.coli ^(S)	From 23/05/2025 to 31/05/2025	Meet		
Colour	From 23/05/2025 to 31/05/2025			Meet
Persistent foam ^[f]	From 22/05/2025 to 22/05/2025	Meet		
Wastewater flowrate ^[f]	From 22/05/2025 to 22/05/2025	Refer Data		
Ammonium-Nitrogen ^(S)	From 23/05/2025 to 31/05/2025			Meet
AOX	From 23/05/2025 to 31/05/2025	Meet		
BiochemicalOxygenDemand(BOD ₅) ^(S)	From 23/05/2025 to 31/05/2025			Meet
Chemical Oxygen Demand(COD) ^(S)	From 23/05/2025 to 31/05/2025			Meet
Dissolved Oxygen (DO) ^[f]	From 22/05/2025 to 22/05/2025	Refer Data		
Oil & Grease ^(S)	From 23/05/2025 to 31/05/2025			Meet
Total Phenols / Phenol Index ^(S)	From 23/05/2025 to 31/05/2025			Meet
Total Chlorine ^[f]	From 22/05/2025 to 22/05/2025	Refer Data		
Total Dissolved Solids (TDS) ^(S)	From 23/05/2025 to 31/05/2025	Refer Data		
Total Nitrogen ^(S)	From 23/05/2025 to 31/05/2025			Meet
Total Phosphorus ^(S)	From 23/05/2025 to 31/05/2025			Meet
Total Suspended Solids (TSS) ^(S)	From 23/05/2025 to 31/05/2025			Meet



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Wastewater / Anions - Test items	Testing period	Discharged wastewater		
		Foundational	Progressive	Aspirational
Chloride ^(S)	From 23/05/2025 to 31/05/2025	Refer Data		
Cyanide, total ^(S)	From 23/05/2025 to 31/05/2025			Meet
Sulphate ^(S)	From 23/05/2025 to 31/05/2025	Refer Data		
Sulphide ^(S)	From 23/05/2025 to 31/05/2025			Meet
Sulphite ^(S)	From 23/05/2025 to 31/05/2025			Meet

Sludge – Disposal Pathways
Pathway- A: Offsite Incineration at >1000 °C

Sludge / MRSL - Test items	Testing period	Sludge
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers	From 23/05/2025 to 31/05/2025	ND
Polycyclic Aromatic Hydrocarbons (PAHs)	From 23/05/2025 to 31/05/2025	ND
Chlorotoluenes	From 23/05/2025 to 31/05/2025	ND

Sludge / Heavy metals - Test items	Testing period	Sludge (Total)	Sludge (Leachate)
Antimony	-	N/A	N/A
Arsenic	-	N/A	N/A
Barium	-	N/A	N/A
Cadmium	-	N/A	N/A
Cobalt	-	N/A	N/A
Copper	-	N/A	N/A
Lead	-	N/A	N/A
Nickel	-	N/A	N/A
Selenium	-	N/A	N/A
Silver	-	N/A	N/A
Zinc	-	N/A	N/A
Chromium (total)	-	N/A	N/A
Chromium VI	-	N/A	N/A
Mercury	-	N/A	N/A

Sludge / Conventional parameters - Test items	Testing period	Sludge
pH	-	N/A
Faecal coliform ^(S)	-	N/A
% Solids	From 23/05/2025 to 31/05/2025	Refer Data
Paint filter test	-	N/A



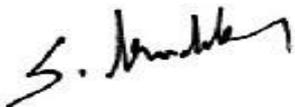
**SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)**

Number: BGLA25004814

Sludge / Anion - Test items	Testing period	Sludge
Cyanide ^(S)	-	N/A

Remark:
ND = Not detected (less than ZDHC reporting limit for MRSL parameters) / Not detected (less than lab reporting limit for other parameters)
D = Detected
N/A = Not applicable (Out of scope according to ZDHC WWSG v2.2)
NT = Not tested (Did not test according to applicant's request)
(S) = The samples were subcontracted to Intertek [Gurgaon Food lab] for testing.
(T) = If sample temperature is greater than 8°C and less than 10°C when received from the laboratory.
(TT) = If sample temperature is exceeded 10°C when received from the laboratory.
@ = Maximum holding time exceeded.
(^) = Borate, zinc salt would report ND when total boron or total zinc less than 100 µg/L.
^[f] = On-site test by sampler.
^[a] = The local legal standard name and legal standard no. is referenced to discharge permit (or contractual agree by CETP) that provided by applicant.
This report shows the test results of the environmental samples of the above factory which were collected on a specific date and time. The results of this report shall not be used for any regulatory compliance purposes.

Authorized by:
For Intertek India Private Limited [Analytical – Bangalore]



ARUNACHALAM.S
Laboratory Manager – Analytical



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Sample / Wastewater

1. Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers

NP/OP: NP/OP: With reference to ISO 18857-2 (modified dichloromethane extraction) or ASTM D7065 with GC-MS or LC-MS-MS analysis.

OPEO/NPEO (n>2): With reference to ASTM D7742 or ISO 18857-2

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
Nonylphenol ethoxylates (NPEO)	Multiple Including 9016-45-9; 26027-38-3; 37205-87-1; 68412-54-4; 127087-87-0	5	ND	µg/L
Nonylphenol (NP), mixed isomers	Multiple Including 104-40-5; 11066-49-2; 25154-52-3; 84852-15-3	5	ND	µg/L
Octylphenol ethoxylates (OPEO)	Multiple Including 9002-93-1; 9036-19-5; 68987-90-6	5	ND	µg/L
Octylphenol (OP), mixed isomers	Multiple Including 140-66-9; 1806-26-4; 27193-28-8	5	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

2. Anti- Microbials & Biocides

OPP, Triclosan: With reference to USEPA 8270E Solvent extraction, derivatization with KOH, acetic anhydride followed by GC-MS analysis; with reference to BS EN 12673-1999 an alternative method of solvent extraction and derivatization are included.

Permethrin: With reference to USEPA 8270E Solvent extraction, followed by GC-MS analysis; With reference to ISO 14154:2005 without derivatization and determination by LC-MS or LC-MS-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
o-Phenylphenol (+salts)	90-43-7	100	ND	µg/L
Triclosan	3380-34-5	100	ND	µg/L
Permethrin	Multiple including 52645-53-1	500	ND	µg/L

3. Chlorinated Parafins

For MCCP: With reference to EPA 3510, analysis by ISO18219-2:2021 with GC-MS-NCI or LC-MS-MS analysis.

For SCCP: With reference to EPA 3510, analysis by ISO18219-1:2021, ISO 12010:2019 with GC-MS-NCI or LC-MS-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
Medium-chain Chlorinated paraffins (MCCPs) (C14-C17)	85535-85-9	500	ND	µg/L
Short-chain Chlorinated paraffin (SCCPs)(C10 – C13)	85535-84-8	25	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

4. Chlorobenzenes and Chlorotoluenes

With reference to USEPA 8260D, USEPA 8270E, Purge and Trap, Head Space, Dichloromethane extraction followed by GC-MS analysis

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
1,2-Dichlorobenzene	95-50-1	0.2	ND	µg/L
Other isomers of mono-, di-, tri-, tetra-, penta- and hexa-Chlorobenzene and mono-, di-, tri-, tetra- and penta- chlorotoluene	Multiple including 108-90-7; 541-73-1; 106-46-7; 87-61-6; 120-82-1; 108-70-3; 634-66-2; 634-90-2; 95-94-3; 608-93-5; 118-74-1; 95-49-8; 108-41-8; 106-43-4; 32768-54-0; 95-73-8; 19398-61-9; 118-69-4; 95-75-0; 25186-47-4; 7359-72-0; 2077-46-5; 6639-30-1; 23749-65-7; 21472-86-6; 1006-32-2; 875-40-1; 1006-31-1; 877-11-2	0.2	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

5. Chlorophenols

With reference to US EPA 8270E solvent extraction, derivatization with KOH, acetic anhydride followed by GC-MS; with reference to BS EN 12673-1999 solvent extraction and derivatization are included.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
2-Chlorophenol	95-57-8	0.5	ND	µg/L
2,3-Dichlorophenol	576-24-9	0.5	ND	µg/L
2,3,4-Trichlorophenol	15950-66-0	0.5	ND	µg/L
2,3,5-Trichlorophenol	933-78-8	0.5	ND	µg/L
2,3,6-Trichlorophenol	933-75-5	0.5	ND	µg/L
2,4-Dichlorophenol	120-83-2	0.5	ND	µg/L
2,4,5-Trichlorophenol	95-95-4	0.5	ND	µg/L
2,4,6-Trichlorophenol	88-06-2	0.5	ND	µg/L
2,5-Dichlorophenol	583-78-8	0.5	ND	µg/L
2,6-Dichlorophenol	87-65-0	0.5	ND	µg/L
3-Chlorophenol	108-43-0	0.5	ND	µg/L
3,4-Dichlorophenol	95-77-2	0.5	ND	µg/L
3,4,5-Trichlorophenol	609-19-8	0.5	ND	µg/L
3,5- Dichlorophenol	591-35-5	0.5	ND	µg/L
4-Chlorophenol	106-48-9	0.5	ND	µg/L
Pentachlorophenol (PCP)	87-86-5	0.5	ND	µg/L
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	ND	µg/L
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	ND	µg/L
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	ND	µg/L

6. Dimethyl Formamide (DMFa)

With reference to EPA 8015, EPA 8270E, followed by GC-MS

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
Dimethyl formamide; N,N-dimethylformamide (DMFa)	68-12-2	1000	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

7. Dyes – Carcinogenic or Equivalent Concern

By Liquid extraction, Followed by LC-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
Basic violet 3 with >0.1% of Michler’s Ketone	548-62-9	500	ND	µg/L
C.I. Acid Red 26	3761-53-3	500	ND	µg/L
C.I. Acid Violet 49	1694-09-3	500	ND	µg/L
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	2580-56-5	500	ND	µg/L
C.I. Basic Green 4 (malachite green chloride)	569-64-2	500	ND	µg/L
C.I. Basic Green 4 (malachite green oxalate)	2437-29-8	500	ND	µg/L
C.I. Basic Green 4 (malachite green)	10309-95-2	500	ND	µg/L
C.I. Basic Red 9	569-61-9	500	ND	µg/L
C.I. Basic Violet 14	632-99-5	500	ND	µg/L
C.I. Direct Black 38	1937-37-7	500	ND	µg/L
C.I. Direct Blue 6	2602-46-2	500	ND	µg/L
C.I. Direct Red 28	573-58-0	500	ND	µg/L
C.I. Disperse Blue 1	2475-45-8	500	ND	µg/L
C.I. Disperse Blue 3	2475-46-9	500	ND	µg/L
Disperse Orange 11	82-28-0	500	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

8. Dyes – Disperse (Allergenic)

By Liquid extraction, Followed by LC-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
Disperse Blue 102	12222-97-8	50	ND	µg/L
Disperse Blue 106	12223-01-7	50	ND	µg/L
Disperse Blue 124	61951-51-7	50	ND	µg/L
Disperse Blue 26	3860-63-7	50	ND	µg/L
Disperse Blue 35	12222-75-2 56524-77-7	50	ND	µg/L
Disperse Blue 7	3179-90-6	50	ND	µg/L
Disperse Brown 1	23355-64-8	50	ND	µg/L
Disperse Orange 1	2581-69-3	50	ND	µg/L
Disperse Orange 3	730-40-5	50	ND	µg/L
Disperse Orange 37/59/76	13301-61-6	50	ND	µg/L
Disperse Red 1	2872-52-8	50	ND	µg/L
Disperse Red 11	2872-48-2	50	ND	µg/L
Disperse Red 17	3179-89-3	50	ND	µg/L
Disperse Yellow 1	119-15-3	50	ND	µg/L
Disperse Yellow 3	2832-40-8	50	ND	µg/L
Disperse Yellow 39	12236-29-2	50	ND	µg/L
Disperse Yellow 49	54824-37-2	50	ND	µg/L
Disperse Yellow 9	6373-73-5	50	ND	µg/L

9. Flame retardants

Other flame retardant substances: With reference to USEPA 8270E, ISO 22032, USEPA 527 and USEPA 8321B, Dichloromethane extraction GC-MS or LC-MS-MS analysis.

Borate salt: determined as total boron via ICP analysis.

Borate salt: determined as total boron via ICP-MS/ICP-OES analysis

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
Boric acid **	10043-35-3; 11113-50-1	500 in Boron	ND	µg/L
Diboron trioxide **	1303-86-2	500 in Boron	ND	µg/L
Disodium octaborate **	12008-41-2	500 in Boron	ND	µg/L
Disodiumtetraborate anhydrous **	1303-96-4; 1330-43-4	500 in Boron	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Tetraborondisodium heptaoxide, hydrate **	12267-73-1	500 in Boron	ND	µg/L
Hexabromocyclododecane (HBCDD)	3194-55-6	25	ND	µg/L
2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	ND	µg/L
Polybromobiphenyls (PBBs)	59536-65-1	25	ND	µg/L
Monobromobiphenyls (MonoBB)	Multiple	25	ND	µg/L
Monobromodiphenylethers (MonoBDEs)	Multiple	25	ND	µg/L
Dibromobiphenyls (DiBB)	Multiple	25	ND	µg/L
Dibromopropylether	21850-44-2	25	ND	µg/L
Tribromodiphenylethers (TriBDEs)	Multiple	25	ND	µg/L
Tetrabromodiphenylether (TetraBDE)	40088-47-9	25	ND	µg/L
Pentabromodiphenylether (PentaBDE)	32534-81-9	25	ND	µg/L
Hexabromodiphenylether (HexaBDE)	36483-60-0	25	ND	µg/L
Heptabromodiphenylether (HeptaBDE)	68928-80-3	25	ND	µg/L
Octabromobiphenyls (OctaBB)	Multiple	25	ND	µg/L
Octabromodiphenylether (OctaBDE)	32536-52-0	25	ND	µg/L
Nonabromobiphenyls (NonaBB)	Multiple	25	ND	µg/L
Nonabromodiphenylether (NonaBDE)	63936-56-1	25	ND	µg/L
Decabromobiphenyl (DecaBB)	13654-09-6	25	ND	µg/L
Decabromodiphenylether (DecaBDE)	1163-19-5	25	ND	µg/L
Tetrabromobisphenol-A (TBBPA)	79-94-7	25	ND	µg/L
Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9	25	ND	µg/L
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	ND	µg/L
Tris(1-aziridiny)phosphineoxide (TEPA)	545-55-1	25	ND	µg/L
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	ND	µg/L
Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	25	ND	µg/L
Tris(2,3-dibromopropyl)phosphate (TRIS)	126-72-7	25	ND	µg/L

** Report total boron directly, no conversion from Boron salt.



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

10. Glycols / Glycol Ethers

With reference to US EPA 8270E, Liquid extraction, LC-MS or GC-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
2-ethoxyethanol	110-80-5	50	ND	µg/L
2-ethoxyethyl acetate	111-15-9	50	ND	µg/L
2-methoxyethanol	109-86-4	50	ND	µg/L
2-methoxyethylacetate	110-49-6	50	ND	µg/L
2-methoxypropylacetate	70657-70-4	50	ND	µg/L
Bis(2-methoxyethyl)-ether	111-96-6	50	ND	µg/L
Ethylene glycol dimethyl ether	110-71-4	50	ND	µg/L
Triethyleneglycol imethyl ether	112-49-2	50	ND	µg/L

11. Halogenated solvents

With reference to USEPA 8260D, Headspace GC-MS or Purge and trap GC-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
1,2-Dichloroethane	107-06-2	1	ND	µg/L
Methylene chloride	75-09-2	1	ND	µg/L
Tetrachloroethylene	127-18-4	1	ND	µg/L
Trichloroethylene	79-01-6	1	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

12. Organotin compounds

With reference to ISO 17353, Derivatisation with NaB (C₂H₅)₄, with GC-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
Dipropyltin compounds (DPT)	Multiple including 867-36-7	0.01	ND	µg/L
Mono-,di-and tri-butyltin derivatives	Multiple including 1118-46-3; 1461-22-9	0.01	ND	µg/L
Mono, di-, and tri-methyltin derivatives	Multiple including 993-16-8; 753-73-1; 1066-45-1	0.01	ND	µg/L
Mono, di-, and tri-octyltin derivatives	Multiple including 3091-25-6; 3542-36-7; 2587-76-0	0.01	ND	µg/L
Mono, di-, and tri-phenyltin derivatives	Multiple including 1124-19-2; 1135-99-5; 639-58-7	0.01	ND	µg/L
Tetrabutyltin compounds (TeBT)	Multiple including 1461-25-2	0.01	ND	µg/L
Tetraethyltin Compounds (TeET)	Multiple including 597-64-8	0.01	ND	µg/L
Tetraoctyltin compounds (TeOT)	Multiple including 3590-84-9	0.01	ND	µg/L
Tricyclohexyltin (TCyHT)	Multiple including 3091-32-5	0.01	ND	µg/L
Tripopyltin Compounds (TPT)	Multiple including 2279-76-7	0.01	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

13. Other/Miscellaneous Chemicals

Others: With reference to Liquid extraction, LC-MS-MS analysis.
Borate salt: determined as total boron and total zinc via ICP analysis

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	500	ND	µg/L
Bisphenol A	80-05-7	10	ND	µg/L
Borate, zinc salt ^^	12767-90-7	100 in Boron & 100 in Zinc	Boron: ND	µg/L
			Zinc: ND	
Quinoline	91-22-5	50	ND	µg/L
Thiourea	62-56-6	50	ND	µg/L

^^ = Report total boron & total zinc individually, and no conversion from boron / zinc salt.

14. Perfluorinated & polyfluorinated chemicals (PFCs)

PFCs: With reference to EPA 537:2020 with LC-MSMS
FTOH: With reference to BS EN 12673-1999, EPA 8270, GC-MS, Derivatization with acetic anhydride followed by GC-MS

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
Perfluorooctane sulfonate (PFOS) and related substances	Multiple including 1763-23-1	0.01	ND	µg/L
Perfluorooctanoic acid (PFOA) and related Substances	Multiple including 335-67-1	1	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

15. Phthalates – including all other esters of ortho-phthalic acid

With reference to USEPA 8270E, ISO 18856, Dichloromethane extraction GC-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
1,2-benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich (DIHP)	71888-89-6	10	ND	µg/L
1,2-benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters (DHNUP)	68515-42-4	10	ND	µg/L
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	10	ND	µg/L
Butyl benzyl phthalate (BBP)	85-68-7	10	ND	µg/L
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	ND	µg/L
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	ND	µg/L
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	ND	µg/L
Di-isobutyl phthalate (DIBP)	84-69-5	10	ND	µg/L
Di-isononyl phthalate (DINP)	28553-12-0	10	ND	µg/L
Di-n-hexyl phthalate (DnHP)	84-75-3	10	ND	µg/L
Di-n-octyl phthalate (DNOP)	117-84-0	10	ND	µg/L
Di-n-pentylphthalates	131-18-0	10	ND	µg/L
Di-n-propyl phthalate (DPRP)	131-16-8	10	ND	µg/L
Di(ethylhexyl) phthalate (DEHP)	117-81-7	10	ND	µg/L
Dibutyl phthalate (DBP)	84-74-2	10	ND	µg/L
Diethyl phthalate (DEP)	84-66-2	10	ND	µg/L
Diisopentylphthalates	605-50-5	10	ND	µg/L
Dinonyl phthalate (DNP)	84-76-4	10	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

16. Polycyclic aromatic hydrocarbons (PAHs)

With reference to US EPA 8270E, DIN 38407-39, solvent extraction GC-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
Acenaphthene	83-32-9	1	ND	µg/L
Acenaphthylene	208-96-8	1	ND	µg/L
Anthracene	120-12-7	1	ND	µg/L
Benzo[a]anthracene	56-55-3	1	ND	µg/L
Benzo[a]pyrene (BaP)	50-32-8	1	ND	µg/L
Benzo[b]fluoranthene	205-99-2	1	ND	µg/L
Benzo[e]pyrene	192-97-2	1	ND	µg/L
Benzo[ghi]perylene	191-24-2	1	ND	µg/L
Benzo[j]fluoranthene	205-82-3	1	ND	µg/L
Benzo[k]fluoranthene	207-08-9	1	ND	µg/L
Chrysene	218-01-9	1	ND	µg/L
Dibenz[a,h]anthracene	53-70-3	1	ND	µg/L
Fluoranthene	206-44-0	1	ND	µg/L
Fluorene	86-73-7	1	ND	µg/L
Indeno[1,2,3-cd]pyrene	193-39-5	1	ND	µg/L
Naphthalene	91-20-3	1	ND	µg/L
Phenanthrene	85-01-8	1	ND	µg/L
Pyrene	129-00-0	1	ND	µg/L



SOFTLINES WASTEWATER TESTING TEST REPORT (TEXTILES)

Number: BGLA25004814

17. Restricted Aromatic Amines (Cleavable from Azo-colourants)

With reference to reduction step with sodium dithionite, solvent extraction, EPA 8270E and ISO 14362-1 with GC-MS and LC-MS-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
2-Naphthylamine	91-59-8	0.1	ND	µg/L
2-Naphthylammoniumacetate	553-00-4	0.1	ND	µg/L
2,4-Xylidine	95-68-1	0.1	ND	µg/L
2,4,5-Trimethylaniline	137-17-7	0.1	ND	µg/L
2,4,5-Trimethylaniline hydrochloride	21436-97-5	0.1	ND	µg/L
2,6-Xylidine	87-62-7	0.1	ND	µg/L
3,3'-Dichlorobenzidine	91-94-1	0.1	ND	µg/L
3,3'-Dimethoxybenzidine	119-90-4	0.1	ND	µg/L
3,3'-Dimethylbenzidine	119-93-7	0.1	ND	µg/L
4-Aminoazobenzene	60-09-3	0.1	ND	µg/L
4-Aminodiphenyl	92-67-1	0.1	ND	µg/L
4-Chloro-o-toluidine	95-69-2	0.1	ND	µg/L
4-Chloro-o-toluidinium chloride	3165-93-3	0.1	ND	µg/L
4-Chloroaniline	106-47-8	0.1	ND	µg/L
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisoie sulphate	39156-41-7	0.1	ND	µg/L
4-methoxy-m-phenylenediamine	615-05-4	0.1	ND	µg/L
4-methyl-m-phenylenediamine	95-80-7	0.1	ND	µg/L
4,4'-Methylene-bis(2-chloroaniline)	101-14-4	0.1	ND	µg/L
4,4'-methylenedi-o-toluidine	838-88-0	0.1	ND	µg/L
4,4'-methylenedianiline	101-77-9	0.1	ND	µg/L
4,4'-Oxydianiline	101-80-4	0.1	ND	µg/L
4,4'-Thiodianiline	139-65-1	0.1	ND	µg/L
5-Nitro-o-toluidine	99-55-8	0.1	ND	µg/L
6-methoxy-m-toluidine	120-71-8	0.1	ND	µg/L
Benzidine	92-87-5	0.1	ND	µg/L
o-Aminoazotoluene	97-56-3	0.1	ND	µg/L
o-Anisidine	90-04-0	0.1	ND	µg/L
o-Toluidine	95-53-4	0.1	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

18. UV Absorbers

With reference to USEPA 8270, dichloromethane extraction GC-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	100	ND	µg/L
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	ND	µg/L
2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	100	ND	µg/L
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)	3864-99-1	100	ND	µg/L

19. Volatile organic compounds (VOCs)

With reference to ISO 11423-1 Headspace, GC-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (µg/L)	Untreated wastewater	Unit
Benzene	71-43-2	1	ND	µg/L
m-cresol	108-39-4	1	ND	µg/L
o-cresol	95-48-7	1	ND	µg/L
p-cresol	106-44-5	1	ND	µg/L
Toluene	108-88-3	1	ND	µg/L
Xylene	1330-20-7	1	ND	µg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

20. Heavy metals

Modified from USEPA 6010C & USEPA 6020A, ISO 18412 EPA (ICP-MS ANALYSIS)

Chemical substances	Limit			Legal * Requirement	Lab reporting limit (mg/L)	Discharged wastewater	Unit
	Foundational	Progressive	Aspirational				
Antimony	0.1 mg/L	0.05 mg/L	0.01 mg/L	-	0.01	ND	mg/L
Chromium (VI)	0.05 mg/L	0.005 mg/L	0.001 mg/L	-	0.001	ND	mg/L
Barium	Sample and report only			-	0.01	ND	mg/L
Selenium	Sample and report only			-	0.01	ND	mg/L
Tin	Sample and report only			-	0.01	ND	mg/L
Arsenic	0.05 mg/L	0.01 mg/L	0.005 mg/L	-	0.005	ND	mg/L
Chromium (total)	0.2 mg/L	0.1 mg/L	0.05 mg/L	-	0.05	ND	mg/L
Cobalt	0.05 mg/L	0.02 mg/L	0.01 mg/L	-	0.01	ND	mg/L
Cadmium	0.1 mg/L	0.05 mg/L	0.01 mg/L	-	0.01	ND	mg/L
Copper	1 mg/L	0.5 mg/L	0.25 mg/L	-	0.25	ND	mg/L
Lead	0.1 mg/L	0.05 mg/L	0.01 mg/L	-	0.01	ND	mg/L
Nickel	0.2 mg/L	0.1 mg/L	0.05 mg/L	-	0.05	ND	mg/L
Silver	0.1 mg/L	0.05 mg/L	0.005 mg/L	-	0.005	ND	mg/L
Zinc	5.0 mg/L	1.0 mg/L	0.5 mg/L	-	0.5	ND	mg/L
Mercury	0.01 mg/L	0.005 mg/L	0.001 mg/L	-	0.001	ND	mg/L

* Regulation/Standard information for discharged wastewater as well as the limitation value (or contractual limit value agreed by CETP) for the required parameters (mandatory).



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

21. Conventional parameters

Parameters	Test method	Limit			Legal* Requirement	Lab reporting limit	Discharged wastewater	Unit
		Foundational	Progressive	Aspirational				
pH	3025 (Part 11) Electrometric method only	6-9			6.5- 8.5	N/A	6.90	[f]
Temperature difference	3025 (Part 9)	△+15 °C	△+10 °C	△+5 °C	△+5 °C	N/A	△+ 0.1	[f] °C
E.coli	SM 9221B presumptive, confirm positive with SM9221F or G	126 MPN/100-ml			N/A	1.8 MPN/100-ml	<1.8	MPN/100-ml
Colour (436 nm ; 525 nm ; 620nm)	ISO 7887-B	7;5;3 [m-1]	5;3;2 [m-1]	2;1;1 [m-1]	N/A	N/A	0.90;0.15;0.11	[m-1]
Persistent Foam	/	No indication of Persistent foam in receiving water			N/A	N/A	Absent	[f]
Wastewater Flowrate	/	15m3 /day			N/A	N/A	96.0	[f] m3/day
Ammonium-Nitrogen	IS 3025 (Part 34)	10 mg/L	1 mg/L	0.5 mg/L	50	0.5 mg/L	<0.5	mg/L
AOX	ISO 9562	3 mg/L	0.5 mg/L	0.1 mg/L	N/A	0.06 mg/L	2.08	mg/L
Biochemical Oxygen Demand (BOD ₅)	IS 3035 (Part 44)	30 mg/L	15 mg/L	8 mg/L	30	3 mg/L	<3.0	mg/L
Chemical Oxygen Demand (COD)	IS 3025 (Part 58)	150 mg/L	80 mg/L	40 mg/L	250	4 mg/L	<4.0	mg/L
Dissolved Oxygen (DO)	IS 3025 (Part 38)	≥ 4 mg/L			N/A	N/A	5.20	[f] mg/L
Oil and grease	IS 3025 (Part 39)	10 mg/L	2 mg/L	0.5 mg/L	10	0.5 mg/L	<0.5	mg/L
Total Phenols / Phenol Index	IS 3025 (Part 43)	0.5 mg/L	0.01 mg/L	0.001 mg/L	1	0.0005 mg/L	<0.0005	mg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Total Chlorine	EPA 330.5 (Electrometric method)	1 mg/L			N/A	0.2 mg/L	<0.2	[f] mg/L
Total Dissolved Solids (TDS)	IS 3025 (Part 16)	Sample and report only			N/A	10 mg/L	1935	mg/L
Total-Nitrogen	IS 3025 (Part 34)	20 mg/L	10 mg/L	5 mg/L	50	5 mg/L	<5.0	mg/L
Total-Phosphorus	IS 3025 (Part 31)	3 mg/L	0.5 mg/L	0.1 mg/L	5	0.02 mg/L	<0.02	mg/L
Total Suspended Solids (TSS)	IS 3025 (Part 17)	50 mg/L	15 mg/L	5 mg/L	100	5 mg/L	<5	mg/L
Chloride	IS 3025 (Part 17)	Sample and report only			N/A	10 mg/L	1693.64	mg/L
Cyanide, total	APHA 4500	0.2 mg/L	0.1 mg/L	0.05 mg/L	0.2	0.02 mg/L	<0.02	mg/L
Sulphate	IS 3025 (Part 24)	Sample and report only			N/A	10 mg/L	137.21	mg/L
Sulphide	IS 3025 (Part 29)	0.5 mg/L	0.05 mg/L	0.01 mg/L	2	0.01 mg/L	<0.01	mg/L
Sulphite	IS 3025 (Part-28)	2 mg/L	0.5 mg/L	0.2 mg/L	N/A	0.2 mg/L	<0.20	mg/L

Remark:

△ is the degree above ambient temperature of receiving water body.

* Legal requirement based on Regulation/Standard information for discharged wastewater as well as the limitation value (or contractual limit value agreed by CETP) for the required parameters (mandatory). It is quoted only when the test method used is identical to the ZDHC WWG listed method.



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Sample / Sludge

1. Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers

With reference to ISO 18254-1, with GC-MS and LC-MS-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (Dry weight) (mg/kg)	Sludge (Dry weight)	Unit
Nonylphenol ethoxylates (NPEO)	9016-45-9; 26027-38-3; 37205-87-1; 68412-54-4; 127087-87-0	0.4	ND	mg/kg
Nonylphenol (NP), mixed isomers	104-40-5; 11066-49-2; 25154-52-3; 84852-15-3	0.4	ND	mg/kg
Octylphenol ethoxylates (OPEO)	9002-93-1; 9036-19-5; 68987-90-6	0.4	ND	mg/kg
Octylphenol (OP), mixed isomers	140-66-9; 1806-26-4; 27193-28-8	0.4	ND	mg/kg



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

2. Polycyclic aromatic hydrocarbons (PAHs)

With reference to AFPS GS PAK 2019 – Solvent Extraction (GC-MS analysis.)

Chemical substances	CAS no.	ZDHC reporting limit (Dry weight) (mg/kg)	Sludge (Dry weight)	Unit
Acenaphthene	83-32-9	0.2	ND	mg/kg
Acenaphthylene	208-96-8	0.2	ND	mg/kg
Anthracene	120-12-7	0.2	ND	mg/kg
Benzo[a]anthracene	56-55-3	0.2	ND	mg/kg
Benzo[a]pyrene (BaP)	50-32-8	0.2	ND	mg/kg
Benzo[b]fluoranthene	205-99-2	0.2	ND	mg/kg
Benzo[e]pyrene	192-97-2	0.2	ND	mg/kg
Benzo[ghi]perylene	191-24-2	0.2	ND	mg/kg
Benzo[j]fluoranthene	205-82-3	0.2	ND	mg/kg
Benzo[k]fluoranthene	207-08-9	0.2	ND	mg/kg
Chrysene	218-01-9	0.2	ND	mg/kg
Dibenz[a,h]anthracene	53-70-3	0.2	ND	mg/kg
Fluoranthene	206-44-0	0.2	ND	mg/kg
Fluorene	86-73-7	0.2	ND	mg/kg
Indeno[1,2,3-cd]pyrene	193-39-5	0.2	ND	mg/kg
Naphthalene	91-20-3	0.2	ND	mg/kg
Phenanthrene	85-01-8	0.2	ND	mg/kg
Pyrene	129-00-0	0.2	ND	mg/kg

3. Chlorotoluenes

With reference to US EPA 3540/3541, with GC-MS analysis.

Chemical substances	CAS no.	ZDHC reporting limit (Dry weight) (mg/kg)	Sludge (Dry weight)	Unit
Other isomers of mono-, di-, tri-, tetra- and penta- chlorotoluene	Multiple	0.2	ND	mg/kg



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

4. Heavy metals

Other heavy metals: With reference to acid/peroxide digestion EPA 3050, with ICP/OES, or ICP-MS analysis
 Chromium VI: With reference to alkaline digestion USEPA 3060a, USEPA 7196 or USEPA 7199, HJ 1082 with Colourimetric UV/VIS, or Colourimetric IC analysis.

Mercury: With reference to Dissolution, acid digestion USEPA 3051a , ICP MS analysis.

Chemical substances	ZDHC reporting limit (Dry weight) (mg/kg)	Lab reporting limit (Dry weight) (mg/kg)	Sludge (Dry weight)	Unit
Antimony	5	5	N/A	mg/kg
Arsenic	5	5	N/A	mg/kg
Barium	200	200	N/A	mg/kg
Cadmium	1	1	N/A	mg/kg
Cobalt	400	400	N/A	mg/kg
Copper	50	50	N/A	mg/kg
Lead	5	5	N/A	mg/kg
Nickel	20	20	N/A	mg/kg
Selenium	5	5	N/A	mg/kg
Silver	50	50	N/A	mg/kg
Zinc	400	50	N/A	mg/kg
Total Chromium	50	400	N/A	mg/kg
Chromium (VI)	20	20	N/A	mg/kg
Mercury	1	1	N/A	mg/kg



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

5. Conventional parameters

Chemical substances	Test method	Lab reporting limit (Dry weight)	Sludge (Dry weight)	Unit
pH		N/A	N/A	N/A
Fecal Coliform		-	N/A	MPN/g
% Solids		N/A	89.20	%
Paint Filter Test ^		N/A	N/A	N/A

^ - Report "Pass" when Paint Filter Test does not contain free liquid; Report "Fail" when Paint Filter Test does contain free liquid.

6. Anions

With reference to USEPA 9013, USEPA 9014, USEPA 9213, HJ745 with Colourimetry or ISE analysis.

Chemical substances	Lab reporting limit (Dry weight) (mg/kg)	Sludge (Dry weight)	Unit
Cyanide	20	N/A	mg/kg



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

7. Leachate heavy metals

Other heavy metals: With reference to toxicity leachate extraction procedure EPA 1311 followed by Acid digestion EPA 3051A, with ICP-OES, ICP-MS or , ISO 11885, ISO 17294-2, USEPA 200.7, USEPA 200.8, USEPA 6010c, USEPA 6020a analysis.

Chromium VI: With reference to toxicity leachate extraction procedure EPA 1311 followed by ISO 18412, USEPA 7196 or USEPA 7199 Colourimetric UV/VIS, or Colourimetric IC analysis

Mercury: With reference to toxicity leachate extraction procedure EPA 1311 followed by acid digestion EPA 7471b , EPA 3051a with ISO 12846 or ISO 17852, EPA 6020b CVAA or ICP MS analysis

Chemical substances	Lab reporting limit (mg/L)	Sludge	Unit
Arsenic	0.5	N/A	mg/L
Cadmium	0.15	N/A	mg/L
Total Chromium	5	N/A	mg/L
Lead	0.5	N/A	mg/L
Antimony	0.6	N/A	mg/L
Barium	35	N/A	mg/L
Cobalt	80	N/A	mg/L
Copper	10	N/A	mg/L
Nickel	3.5	N/A	mg/L
Selenium	0.5	N/A	mg/L
Silver	5	N/A	mg/L
Zinc	50	N/A	mg/L
Chromium (VI)	2.5	N/A	mg/L
Mercury	0.05	N/A	mg/L



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Appendix 1: reference to ZDHC WWSG v2.2 Table 4B

Parameters		Disposal pathways						
	Total metals and anions threshold values (mg/kg)	A and B (Leachate result in mg/L)	C (Leachate result in mg/L)	D (Leachate result in mg/L)	E (Leachate result in mg/L)	F (Leachate result in mg/L)	G (Leachate result in mg/L)	G (Maximum total metals limit in mg/kg)
Antimony	12	Not applicable	Not applicable	7.8	0.6	0.6	0.6	Not applicable
Arsenic	10			2.75	0.5	0.5	0.5	41
Barium	700			67.5	35	35	35	500
Cadmium	3			0.58	0.15	0.15	0.15	39
Cobalt	1600			80	80	80	80	Not applicable
Copper	200			17.5	10	10	10	1500
Lead	10			2.75	0.5	0.5	0.5	400
Nickel	70			11.75	3.5	3.5	3.5	420
Selenium	10			0.75	0.5	0.5	0.5	36
Silver	100			5	5	5	5	Not applicable
Zinc	1000			50	50	50	50	2800
Total Chromium	100			5	5	5	5	1200
Chromium VI	50			3.75	2.5	2.5	2.5	50
Mercury	1			1.25	0.5	0.5	0.5	17



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Appendix 2: reference to ZDHC WWSG v2.2 Table 4C

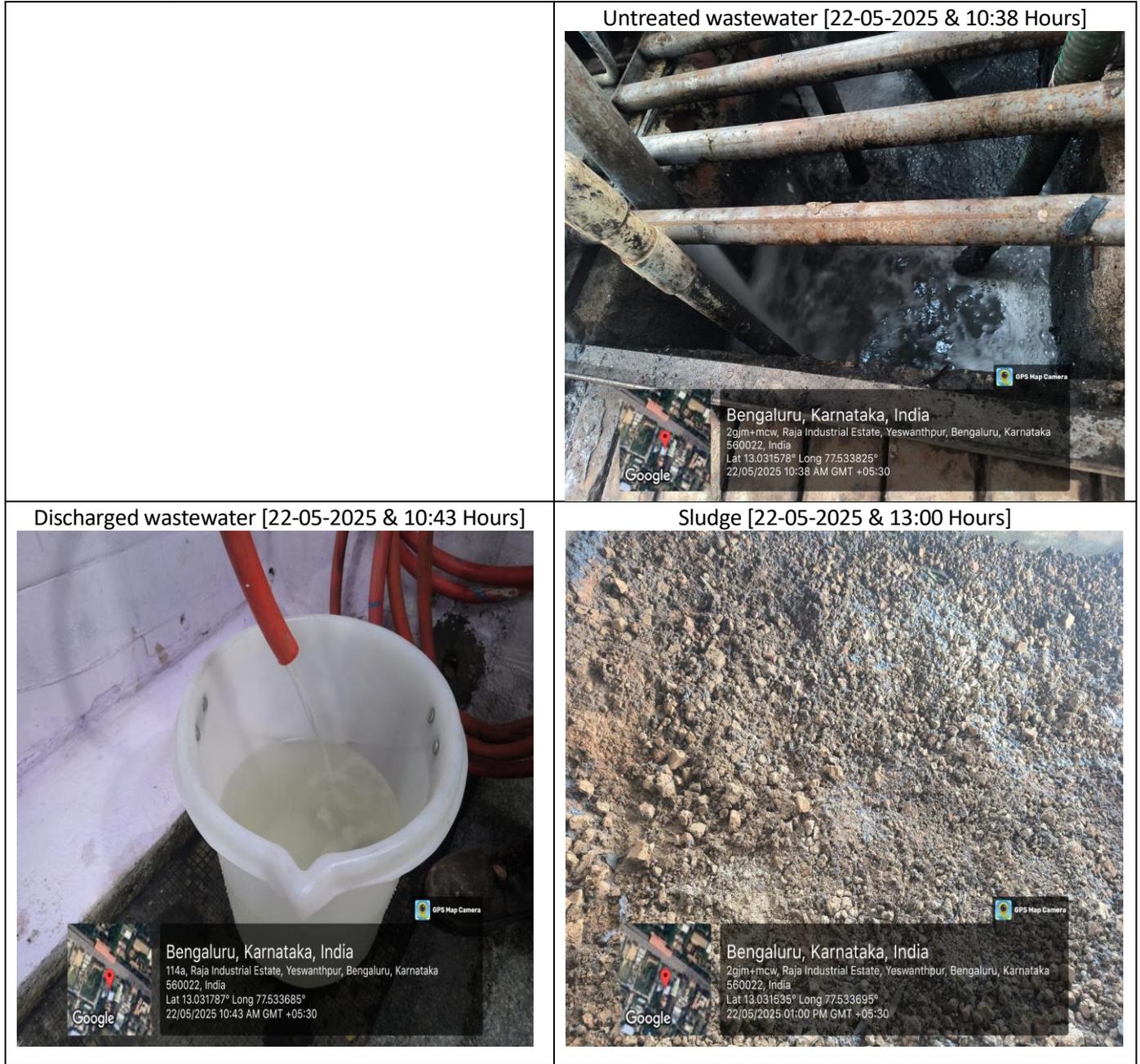
Parameters	Disposal pathways					
	A and B	C	D	E	F	G
pH	Not applicable	Not applicable	5 – 11 s.u.	5 – 11 s.u.	6.5 – 9 s.u.	6.5 – 9 s.u.
Fecal Coliform (MPN/g)	Not applicable	Not applicable	Not applicable	Not applicable	< 1000 (MPN/g)	< 1000 (MPN/g)
% Solids	Sample and report only					
Paint Filter Test	Not applicable	Not applicable	Pass Paint filter test			
Cyanide	Not applicable	Not applicable	85 mg/kg	70 mg/kg	70 mg/kg	70 mg/kg



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Photo of sampling Points:



SOFTLINES WASTEWATER TESTING TEST REPORT (TEXTILES)

Number: BGLA25004814

Photo of Samples:



BGLA25004814



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

Attachment – sampling protocol for wastewater & sludge:

intertek ZDHC Monitoring

Total Quality. Assured.

Sampling Protocol for Wastewater and Sludge acc. ZDHC SAP 2.1 incl. Apdx. E

Facility Name	EXECUTIVE APPAREL PROCESSORS.		
Address and Contact:	No-114A, 2nd stage, Industrial Suburb Yeshwanthpur, 10th KM, Tumkur Road, OPP CMTI, Bangalore-560022.		
Facility type : (tick all applicable)	<input type="checkbox"/> Dyeing and Finishing	<input type="checkbox"/> Fabric Mill	<input checked="" type="checkbox"/> Laundry, Washing and Finishing
Date of sampling:	22-05-2025		
Sample General ID (if applicable):	<input type="checkbox"/> direct discharge <input type="checkbox"/> indirect discharge <input type="checkbox"/> Zero Liquid Discharge (ZLD) <input type="checkbox"/> MMCF	<input type="checkbox"/> with pre-treatment <input type="checkbox"/> without treatment <input type="checkbox"/> with own ETP	discharge to: <u>Reject Area Garden</u>
Discharge description:	<u>WW ZLDH. Discharge to Garden.</u>		
Weather conditions:	on sampling day: <u>Good</u>	on day before: <u>Good.</u>	

Fill in all above information as applicable.

Sample Type and Details (see also page 2)

<input type="checkbox"/> Effluent Discharge	<input checked="" type="checkbox"/> direct or <input type="checkbox"/> indirect	<input type="checkbox"/> Facility has WWTP	<input type="checkbox"/> Plant is in operating condition	<input checked="" type="checkbox"/> with Homogenisation / Equalisation Tank (HT) present:
Enter sampling times in Sample Details (page 2), and measure field parameters.		Enter sampling time(s) for Indirect discharge. Field parameters are not required, except on client's request.		Hydraulic Retention Time (HRT): h (= Volume of tank [m³] / Flow rate [m³/h]) If HRT > 12h, grab sampling for both untreated and treated wastewater from a point after the HT can be applied.
<input type="checkbox"/> Pre-treated WW without sludge	<input type="checkbox"/> Untreated WW	<input type="checkbox"/> Incoming Water	<input type="checkbox"/> MMCF	
<input type="checkbox"/> Sludge with below disposal pathway*:				
<input checked="" type="radio"/> A >1000 °C offsite incineration	<input type="radio"/> B Landfill with significant control	<input type="radio"/> C Building products processed >1000 °C	<input type="radio"/> D Landfill with limited control	<input type="radio"/> E Incineration / Building products processed <1000 °C
age of sludge : days / weeks				
<input type="radio"/> F Landfill with no control				
<input type="radio"/> G Land application				
*) if supplier cannot provide information, pathway "F" shall be assumed.				
Sludge volume generated: m³/h OL/sec <input type="radio"/> other unit (specify): <input type="radio"/> per facility info <input type="radio"/> measured <input type="radio"/> estimated				
<input type="checkbox"/> Process Chemical <input type="radio"/> liquid <input type="radio"/> solid (powder / granulate / pieces) <input type="checkbox"/> 'in process' <input type="checkbox"/> from warehouse/storage				

Times of sampling (if applicable)	Untreated:	1 10:40	2 11:40	3 12:40	4 1:40	5 2:40	6 3:40	7 4:40	or Grab:	Sludge: Grab 1.00 PM Brown colour.
	Effluent (indirect):*	1	2	3	4	5	6	7	or Grab:	
	Incoming:	1	2	3	4	5	6	7	or Grab:	

(for direct discharge, see below)	Picture ID (or Date & Time / Interval): <u>22/05/25</u> <u>10:40 - 4:40</u>	GPS coordinates of sampling points:
Incoming W.:	Lat.: ON OS	Long.: OE OW
Untreated WW:	Lat.: ON OS <u>13.031578</u>	Long.: OE OW <u>77.533825</u>
Effluent:	Lat.: ON OS <u>13.031787</u>	Long.: OE OW <u>77.533685</u>
Sludge:	Lat.: ON OS <u>13.031535</u>	Long.: OE OW <u>77.533695</u>

Rev 10b-3 - use with Guideline CS009.TP (Issue 10b)

Page 1 of 3

Effective Date: 23-May-2023

©Intertek 2023. All Rights Reserved. Intertek is the owner of the copyright in the material and intellectual know-how presented. No parts of this material may be reproduced, adapted, or distributed outside of your company without the consent of Intertek other than to the extent necessary to view the material.



**SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)**

Number: BGLA25004814

intertek ZDHC Monitoring

Total Quality. Assured.

Sample Details									
<input type="checkbox"/> Composite Sample			<input type="checkbox"/> Grab Sample (enter data in column for Averaged Readings and field at right)				Volume of aliquot(s):		mL
Time of discrete effluent sample **	1 10.45	2 11.45	3 12.45	4 1.45	5 2.45	6 3.45	7 4.45	Averaged Readings or Grab Sample:	
pH:	6.9	6.9	6.9	7.0	6.9	7.1	6.9	6.9	
Temp. WW discharge of receiving water	29.1 °C	29.5 °C	29.1 °C	28.8 °C	29.6 °C	29.3 °C	29.3 °C	29.1 °C	
Flow rate:	1.11 L/s	1.12 L/s	1.10 L/s	1.11 L/s	1.11 L/s	1.12 L/s	1.10 L/s	96.00 m ³ /d avg.	
Dissolved Oxygen:	5.1 mg/L	5.6 mg/L	5.3 mg/L	5.2 mg/L	5.3 mg/L	5.2 mg/L	5.2 mg/L	5.2 mg/L	
Total Chlorine:	0 mg/L	0 mg/L	0 mg/L	0 mg/L	0 mg/L	0 mg/L	0 mg/L	0 mg/L	
Persistent foam:	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no		
**) time when discrete sample for composite was taken. Use comment field if number of samples is greater than seven, or if above fields are otherwise not sufficient. Note: 1.0 m ³ /h = 0.27 L/s; 1.0 L/s = 86.4 m ³ /d; 1 m ³ /h = 0.042 m ³ /d; multiply the flow rate in m ³ /h by the daily operation time of the ETP to get flow rate in m ³ /d;									
Sampling procedure: <input type="radio"/> automated sampling <input type="radio"/> with beaker/bowl <input type="radio"/> other:									
Wastewater Flow Data (Effluent/Discharge)									
System:	<input type="checkbox"/> Flow meter (in facility)		<input type="checkbox"/> Pipe (O)		<input type="checkbox"/> Flume (U)		<input type="checkbox"/> Wier (V)		
Diameter [cm]									
Water Depth [cm]									
Flow Speed [cm/sec]									
General Field Parameters and Sensory Data (as far as applicable)									
Type	T ambient air [°C]	Odour			Colour		Foaming	Floating matter	
Incoming							<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	
Untreated	29.2°C	NO odour			lt-Blue		<input type="radio"/> yes <input type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	
Effluent	29.0°C	NO odour			clear		<input type="radio"/> yes <input checked="" type="radio"/> no	<input type="radio"/> yes <input type="radio"/> no	
Field Testing QA/QC									
Parameter	Lab Control	Sample target value	Lab Control	Sample measured value	Accuracy [%]				
pH		6.86		6.87	99.7%				
Total Chlorine		1.00		0.99	99%				
Other observations:									
Additional notes (e.g., alternatively measured flow and readings, abbreviations used, etc):									



SOFTLINES WASTEWATER TESTING
TEST REPORT (TEXTILES)

Number: BGLA25004814

intertek ZDHC Monitoring

Total Quality. Assured.

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.

Sampler's Name (name & email address):

Jeeban Sampurn Das
jeebansampurn.das@intertek.com

Facility Name:

MAHAKARJUNA

Sampler's ZDHC accreditation no.:

C74D106817114

Facility's Representative name:

EXECUTIVE APPAREL PROCESSORS
No. 114A, 2nd Stage, Industrial Suburb,
Opp. CMTI, 10th K.M., Tumkur Road,
Yeshwanthpur, Bangalore-560 022.

Sampler's Signature:

Jeeban

Facility's Representative Signature and Stamp:

For Executive Apparel Processors

Authorized Signatory



End of report

This report is made solely on the basis of instructions and/or information and materials supplied by you (the Client), It is not intended to be a recommendation for any specific course of action. Intertek shall not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as that which is expressly contained in the terms and conditions governing the provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent, truthful and careful basis and we do not accept any liability to you for any direct or in-direct loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or willful misconduct.

<http://www.intertek.com/terms>

