LAB REPORT

Report Number	**(6825)294-0315**
Date of sampling	20/10/2025
Reporting Date	27/10/2025

Audit ID	33461	**Audit firm**	BUREAU VERITAS – BANGLADESH
Company name	N.Z. Fabrics Limited		
Contact person	Mr. Muhaiminul Islam		
Type of tax - tax ID no	891549731186		
Address	Balaikha, Bhulta, Rupgonj, Narayangonj, 1462, Bangladesh.		
Region state province	Dhaka		
Town city / village	Narayangonj		
Zip/Post code	1462		

Type of wastewater discharge	
Type of waste discharge	Direct Discharge
Description of the discharge	Government Drain to Canal
Ambient temperature of receiving water body (direct discharge only)	Not Applicable

Type of treatment			
PRELIMINARY	PRIMARY	SECONDARY / BIOLOGICAL	TERTIARY
☑ Screening/Sieving/Grit remover	☐ Coagulation/Flocculation	☑ Activated sludge process/Aerobic reactor	☐ Absorption with activated carbon
☑ Homogenization tank	☐ Dissolved air flotation (DAF)	☐ Biological Biofilm reactor (MBBR, SAF, RBC…)	☐ High rate filtration
☐ pH correction	☐ Sedimentation tanks or Settler/Clarifier	☐ Sequencing batch reactor (SBR)	☐ Techniques (ozonation, Fenton reaction, photo catalytic degradation…)
☐ Other	☑ Other	☐ Other	☑ Other

Bureau Veritas
Consumer Products Services (BD) Ltd.
Plot#130, DEPZ, Extension Area,
Ganakbari, Savar, Dhaka, Bangladesh.
Tel: 88-02-7789464-6, Fax: 88-02-7789462-3

Sampler accreditation certification number (ZDHC):	C74D106817431

Sample description			
	Simple	**Composite**	**Comments**
(1) Wastewater before treatment	No	YES, lite olive liquid, composite sample at 11:10, 12:10, 13:10, 14:10, 15.10, 16:10, 17:10	--
(2) Wastewater after treatment	No	YES, lite blue liquid, composite sample at 11:20, 12:20, 13:20, 14:20, 15.20, 16:20, 17:20	--
(3) Sludge	No	YES, black, solid, composite sample at 11:53	--

Local Legal Data	
Local Legal Standard name [a]	Environmental Conservation Rules' 2023 (Bangladesh) & S. R. O Number.: 53/Law/2023
Parameters (ZDHC WWG V2.2, Table 2 & 3) exceeded local regulation:	No exceeded
Discharge permit provided	YES
Discharge flow data	> 15 m3 per day

Internal description – Final Test Report	
Internal codification number	INDI-NZFL-2010
Reference sample number	Sample 1 (Before treatment), Sample 2 (After treatment), Sample 3 (Sludge), Sample 4 (Leachate)
Received on	20/10/2025
Analysis carried out from	20/10/2025 to 26/10/2025
Arrival Temperature at Lab	6.6 ºC
Comments	-Samples received within 03:15 hours. -Sampler was not able to measure the temperature of the receiving body: Because the receiving body is several kilometers away from the point of discharge, and the facility is discharging the effluent into the receiving body through a government drain.
Reporting date	27/10/2025
Date and time of the beginning of sampling	20/10/2025, 10:50
Date and time of the end of sampling	20/10/2025, 17:50
Sample holding time exceeded	NO

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Report Number **(6825)294-0315**

If there are questions or concerns on this report, please contact the following persons:

General enquiry and invoicing	Mr. Md. Robeul Awal Mail: mdrobeul.awal@bureauveritas.com; Phone No.: +8801755563437
Technical enquiry-Chemical	Mr. Md. Rashedul Haque Mail: rashedul.haque@bureauveritas.com; Phone No.:+8801755563418

This report shown the test result of the auxiliary chemical and/or raw material samples, which collected during particular factory audit. The results of this report shall not be used for any regulatory compliance purposes. The sampling is agreed with client.

Bureau Veritas Consumer Products Services (Bangladesh) Ltd.

Approved by:

MD. RASHEDUL HAQUE
DEPUTY SR. MANAGER, RSL OPERATIONS

Summary of test results				
Test items	**Sample 1 (Before treatment)**	**Sample 2 (After treatment)**	**Sample 3 (Sludge)**	**Sample 4 (Leachate)**
Alkylphenols (APs) & Alkylphenol ethoxylates (APEOs)	ND	NA	ND	NA
Anti-Microbials & Biocides	ND	NA	NA	NA
Chlorinated Paraffins	ND	NA	NA	NA
Chlorobenzenes & Chlorotoluenes	ND	NA	ND	NA
Chlorophenols	ND	NA	NA	NA
N,N-di-methylformamide (DMFa)	ND	NA	NA	NA
Dyes – Carcinogenic or Equivalent Concern	ND	NA	NA	NA
Dyes – Disperse (Allergenic)	ND	NA	NA	NA
Dyes – Navy Blue Colourant	NA	NA	NA	NA
Flame retardants	ND	NA	NA	NA
Glycols	ND	NA	NA	NA
Halogenated Solvents	ND	NA	NA	NA
Organotin compounds	ND	NA	NA	NA
Other / Miscellaneous Chemicals	ND	NA	NA	NA
Perfluorinated and Polyfluorinated Chemicals (PFCs)	ND	NA	NA	NA
Phthalates	ND	NA	NA	NA
Polycyclic Aromatic Hydrocarbons (PAHs)	ND	NA	ND	NA
Restricted Aromatic Amines (Cleavable from Azo-colourants)	ND	NA	NA	NA
UV Absorbers	ND	NA	NA	NA
Volatile Organic Compounds (VOCs)	ND	NA	NA	NA
Heavy metals	NA	Fulfill aspirational limit	NA	NA
Global effluent parameters ZDHC	NA	Fulfill foundational limit	See test result	NA

Remark (Indicated in each parameter)

ND	=	Not detected (below reporting limit)	NA	=	Not applicable
D	=	Detected (equal or above reporting limit)	-	=	Did not perform
*	=	See remark	(f)	=	Parameter tested in field
@	=	Maximum holding time exceeded, Red flag in the ZDHC Gateway – Wastewater Module. Probable error in results due to the holding time.	(T)	=	Handling temperature exceeded
#	=	Non accredited parameter			
(S)	=	Analysis was subcontracted for testing			
[a]	=	The local legal standard name and legal standard number is referenced to discharge permit (or contractual agree by CETP) that provided by company.			

Test results

1. Alkylphenols (APs) & Alkylphenol Ethoxylates (APEOs)

Internal method with reference to NP/OP: ISO 18857-2 (modified dichloromethane extraction) or ASTMD7065 (GC-MS or LC-MS(-MS); OPEO/NPEO (n>2): ISO 18857-2

Alkylphenols (APs) & Alkylphenol ethoxylates (APEOs)	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Nonylphenolethoxylates (NPEOs)	Multiple including 9016-45-9/ 26027-38-3/ 37205-87-1/ 68412-54-4/ 127087-87-0	5	5	ND	µg/L
Nonylphenol (NP)	Multiple including 104-40-5/ 11066-49-2/ 25154-52-3/ 84852-15-3	5	5	ND	µg/L
Octylphenolethoxylates (OPEOs)	Multiple including 9002-93-1/ 9036-19-5/ 68987-90-6	5	5	ND	µg/L
Octylphenol (OP)	Multiple including 140-66-9/ 1806-26-4/ 27193-28-8	5	5	ND	µg/L

2. Anti-Microbials & Biocides

Internal method with reference to USEPA 8270E, Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC-MS (o-Phenylphenol), Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC-MS BS EN 12673-1999 (Triclosan) and USEPA 8270E Solvent extraction followed by GC-MS or ISO 14154:2005 (Permethrin)

Anti-Microbials & Biocides	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
o-Phenylphenol (+salts)	90-43-7	100	Sample and report only	ND	µg/L
Triclosan	3380-34-5	100	100	ND	µg/L
Permethrin	Multiple including 52645-53-1	500	500	ND	µg/L

3. Chlorinated Paraffins

Internal method with reference to EPA 3510 and analyzed by ISO18219-2:2021 Method for MCCP with GC-MS(NCI) or LC-MS/MS for MCCP & EPA 3510 and analyzed by ISO18219-1:2021, ISO 12010:2019 Methods for SCCP with GC-MS(NCI)

Chlorinated Paraffins	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Medium-chain chlorinated paraffins (MCCPs) (C14-C17)	85535-85-9	500	500	ND	µg/L
Short-chain chlorinated paraffins (SCCPs) (C10'-C13)	85535-84-8	25	25	ND	µg/L

4. Chlorobenzenes & Chlorotoluenes
Internal method with reference to USEPA 8260D, 8270E, Purge and Trap, Head Space
Dichloromethane extraction followed by GC-MS

Chlorobenzenes & Chlorotoluenes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
1,2-dichlorobenzene	95-50-1	0.2	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	0.2	ND	µg/L

5. Chlorophenols
Internal method with reference to USEPA 8270E Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC-MS
BS EN 12673-1999 the procedure of solvent extraction and derivatisation are included

Chlorophenols	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-Chlorophenol	95-57-8	0.5	0.5	ND	µg/L
2,3-Dichlorophenol	576-24-9	0.5	0.5	ND	µg/L
2,3,4-Trichorophenol	15950-66-0	0.5	0.5	ND	µg/L
2,3,5-Trichlorophenol	933-78-8	0.5	0.5	ND	µg/L
2,3,6-Trichlorophenol	933-75-5	0.5	0.5	ND	µg/L
2,4-dichlorophenol	120-83-2	0.5	0.5	ND	µg/L
2,4,5-Trichlorophenol	95-95-4	0.5	0.5	ND	µg/L
2,4,6-Trichlorophenol	88-06-2	0.5	0.5	ND	µg/L
2,5-Dichlorophenol	583-78-8	0.5	0.5	ND	µg/L
2,6-Dichlorophenol	87-65-0	0.5	0.5	ND	µg/L
3-Chlorophenol	108-43-0	0.5	0.5	ND	µg/L
3,4-Dichlorophenol	95-77-2	0.5	0.5	ND	µg/L
3,4,5-Trichlorophenol	609-19-8	0.5	0.5	ND	µg/L
3,5-Dichlorophenol	591-35-5	0.5	0.5	ND	µg/L
4-Chlorophenol	106-48-9	0.5	0.5	ND	µg/L
Pentachlorophenol (PCP)	87-86-5	0.5	0.5	ND	µg/L
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	0.5	ND	µg/L
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	0.5	ND	µg/L
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	0.5	ND	µg/L

6. N,N-di-methylformamide (DMFa)
Internal method with reference to EPA 8015, EPA 8270E

DMFa	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Dimethyl formamide; N,N-dimethylformamide (DMFa)	68-12-2	1000	Sample and report	ND	µg/L

7. Dyes – Carcinogenic or Equivalent Concern
Internal method with reference to DIN 54231

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

8. Dyes – Disperse (Allergenic)
Internal method with reference to DIN 54231

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

9. Dyes – Navy Blue Colourant
Internal method with reference to BV In house method

Dyes – Navy Blue Colourant	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Component 1: C39H23Cl-CrN7O12S 2Na	118685-33-9	NA	NA	NA	µg/L
Component 2: C46H-30CrN10O20S2 3Na	Not allocated	NA	NA	NA	µg/L

10. Flame retardants

Internal method with reference to ISO 22032, USEPA 527 and USEPA 8321B Dichloromethane extraction GC-MS or LC-MS & Determined as total boron via ICP, ISO 17294

Flame retardants	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Boric acid	10043-35-3/ 11113-50-1	500	500	ND	µg/L
Diboron trioxide	1303-86-2	500	500	ND	µg/L
Disodium octaborate	12008-41-2	500	500	ND	µg/L
Disodium tetraborate anhydrous	1303-96-4/ 1330-43-4	500	500	ND	µg/L
Tetraboron disodium heptaoxide, hydrate	12267-73-1	500	500	ND	µg/L
Hexabromocyclododecane (HBCDD)	3194-55-6	25	25	ND	µg/L
2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	25	ND	µg/L
Polybromobiphenyls (PBBs)	59536-65-1	25	25	ND	µg/L
Monobromobiphenyls (MonoBB)	Multiple	25	25	ND	µg/L
Monobromodiphenylethers (MonoBDEs)	Multiple	25	25	ND	µg/L
Dibromobiphenyls (DiBB)	Multiple	25	25	ND	µg/L
Dibromopropylether	21850-44-2	25	25	ND	µg/L
Tribromodiphenylethers (TriBDEs)	Multiple	25	25	ND	µg/L
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	25	ND	µg/L
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	25	ND	µg/L
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	25	ND	µg/L
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	25	ND	µg/L
Octabromobiphenyls (OctaBB)	Multiple	25	25	ND	µg/L
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	25	ND	µg/L
Nonabromobiphenyls (NonaBB)	Multiple	25	25	ND	µg/L
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	25	ND	µg/L
Decabromobiphenyl (DecaBB)	13654-09-6	25	25	ND	µg/L
Decabromodiphenyl ether (DecaBDE)	1163-19-5	25	25	ND	µg/L
Tetrabromobisphenol A (TBBPA)	79-94-7	25	25	ND	µg/L
Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9	25	25	ND	µg/L
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	25	ND	µg/L
Tris(1-aziridinyl) phosphine oxide (TEPA)	545-55-1	25	25	ND	µg/L
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	25	ND	µg/L
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	25	ND	µg/L
Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	25	25	ND	µg/L

11. Glycols

Internal method with reference to USEPA 8270E

Glycols	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-ethoxyethanol	110-80-5	50	50	ND	µg/L
2-ethoxyethyl acetate	111-15-9	50	50	ND	µg/L
2-methoxyethanol	109-86-4	50	50	ND	µg/L
2-methoxyethylacetate	110-49-6	50	50	ND	µg/L
2-methoxypropylacetate	70657-70-4	50	50	ND	µg/L
Bis(2-methoxyethyl)-ether	111-96-6	50	50	ND	µg/L
Ethylene glycol dimethyl ether	110-71-4	50	50	ND	µg/L
Triethylene glycol dimethyl ether	112-49-2	50	50	ND	µg/L

12. Halogenated Solvents

Internal method with reference to USEPA 8260D

Chlorinated solvents	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
1,2-Dichloroethane	107-06-2	1	1	ND	µg/L
Methylene chloride	75-09-2	1	1	ND	µg/L
Trichloroethene	79-01-6	1	1	ND	µg/L
Tetrachloroethene	127-18-4	1	1	ND	µg/L

13. Organotin compounds

Internal method with reference to ISO 17353

Organotin compounds	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Dipropyltin compounds (DPT)	Multiple including 867-36-7	0.01	0.01	ND	µg/L
Mono-, di-and tri-butyltin derivatives	Multiple including 1118-46-3/ 1461-22-9	0.01	0.01	ND	µg/L
Mono-, di-and tri-methyltin derivatives	Multiple including 993-16-8/ 753-73-1/ 1066-45-1	0.01	0.01	ND	µg/L
Mono-, di-and tri-octyltin derivatives	Multiple including 3091-25-6/ 3542-36-7/ 2587-76-0	0.01	0.01	ND	µg/L
Mono-, di-and tri-phenyltin derivatives	Multiple including 1124-19-2/ 1135-99-5/ 639-58-7	0.01	0.01	ND	µg/L
Tetrabutyltin compounds (TeBT)	Multiple including 1461-25-2	0.01	0.01	ND	µg/L
Tetraethyltin compounds (TeET)	Multiple including 597-64-8	0.01	0.01	ND	µg/L
Tetraoctyltin compounds (TeOT)	Multiple including 3590-84-9	0.01	0.01	ND	µg/L
Triclyclohexyltin (TCyHT)	Multiple including 3091-32-5	0.01	0.01	ND	µg/L
Tripropyltin compounds (TPT)	Multiple including 2279-76-7	0.01	0.01	ND	µg/L

14. Other /Miscellaneous Chemicals

AEEA: Liquid extraction, LC-MS/LCMSMS; Bisphenol A: Liquid extraction, LC-MS; Thiourea: Internal method with reference to ISO 13365-1:2020, EN 17134:2019, Liquid extraction, LC-MS; Quinoline: Internal method with reference to DIN 54231, Liquid extraction, LC-MS; Borate, zinc salt: Determined as total boron and total zinc via ICP with reference to ISO 17294-2

Other /Miscellaneous Chemicals	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	500	500	ND	µg/L
Bisphenol A	80-05-7	10	10	ND	µg/L
Borate – borate, zinc salt	12767-90-7	100	100	ND	µg/L
Zinc salt – borate, zinc salt		100	100	ND	µg/L
Quinoline	91-22-5	50	50	ND	µg/L
Silica (particles of respirable size)	14464-46-1	NA	NA	NA	µg/L
Thiourea	62-56-6	50	50	ND	µg/L

15. Perfluorinated chemicals (PFCs)

Internal method with reference to PFCs: EPA 537:2020, FTOH: EPA 8270

Perfluorinated chemicals (PFCs)	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Perfluorooctane sulfonate (PFOS) and related substances	Multiple including 1763-23-1	0.01	0.01	ND	µg/L
Perfluorooctanoic acid (PFOA) and related substances	Multiple including 335-67-1	1	1	ND	µg/L

16. Phthalates – Including all other esters of ortho-phthalic acid

Internal method with reference to US EPA 8270D, ISO 18856 Dichloromethane extraction GC/MS

Phthalates	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
1,2-benzenedicarboxylic acid, di-C6-11-branched alkyl esters, C7-rich (DIHP)	71888-89-6/ 84777-06-0	10	10	ND	µg/L
1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4/ 68515-50-4	10	10	ND	µg/L
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	10	10	ND	µg/L
Butyl benzyl phthalate (BBP)	85-68-7	10	10	ND	µg/L
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	10	ND	µg/L
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	10	ND	µg/L
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	10	ND	µg/L
Di-iso-butyl phthalate (DIBP)	84-69-5	10	10	ND	µg/L
Di-iso-nonyl phthalate (DINP)	28553-12-0	10	10	ND	µg/L
Di-n-hexyl phthalate (DnHP)	84-75-3	10	10	ND	µg/L
Di-n-octyl phthalate (DNOP)	117-84-0	10	10	ND	µg/L
Di-n-pentylphthalates	131-18-0	10	10	ND	µg/L
Di-n-propyl phthalate (DPRP)	131-16-8	10	10	ND	µg/L
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	10	ND	µg/L
Dibutyl phthalate (DBP)	84-74-2	10	10	ND	µg/L
Diethyl phthalate (DEP)	84-66-2	10	10	ND	µg/L
Diisopentylphthalates	605-50-5	10	10	ND	µg/L
Dinonyl phthalate (DNP)	84-76-4	10	10	ND	µg/L

17. Polycyclic aromatic hydrocarbons (PAHs)

Internal method with reference to US EPA 8270 DIN 38407-39 Solvent extraction GC/MS

PAHs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Acenaphthene	83-32-9	1	1	ND	µg/L
Acenaphthylene	208-96-8	1	1	ND	µg/L
Anthracene	120-12-7	1	1	ND	µg/L
Benzo(a)anthracene	56-55-3	1	1	ND	µg/L
Benzo(a)pyrene (BaP)	50-32-8	1	1	ND	µg/L
Benzo(b)fluoranthene	205-99-2	1	1	ND	µg/L
Benzo(e)pyrene	192-97-2	1	1	ND	µg/L
Benzo(ghi)perylene	191-24-2	1	1	ND	µg/L
Benzo(j)fluoranthene	205-82-3	1	1	ND	µg/L
Benzo(k)fluoranthene	207-08-09	1	1	ND	µg/L
Chrysene	218-01-9	1	1	ND	µg/L
Dibenz(a,h)anthracene	53-70-3	1	1	ND	µg/L
Fluoranthene	206-44-0	1	1	ND	µg/L
Fluorene	86-73-7	1	1	ND	µg/L
Indeno (1,2,3-cd)pyrene	193-39-5	1	1	ND	µg/L
Naphthalene	91-20-3	1	1	ND	µg/L
Phenanthrene	85-01-8	1	1	ND	µg/L
Pyrene	129-00-0	1	1	ND	µg/L

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

Internal method with reference to EN 14362-1, EN ISO 14362-3

Azo Dyes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-Naphthylamine	91-59-8	0.1	0.1	ND	µg/L
2-Naphthylammoniumacetate	553-00-4	0.1	0.1	ND	µg/L
2,4-Xylidine	95-68-1	0.1	0.1	ND	µg/L
2,4,5-Trimethylaniline	137-17-7	0.1	0.1	ND	µg/L
2,4,5-trimethylaniline hydrochloride	21436-97-5	0.1	0.1	ND	µg/L
2,6-Xylidine	87-62-7	0.1	0.1	ND	µg/L
3,3'-Dichlorobenzidine	91-94-1	0.1	0.1	ND	µg/L
3,3-Dimethoxybenzidine	119-90-4	0.1	0.1	ND	µg/L
3,3-Dimethylbenzidine	119-93-7	0.1	0.1	ND	µg/L
4-Aminoazobenzene	60-09-3	0.1	0.1	ND	µg/L
4-Aminobiphenyl	92-67-1	0.1	0.1	ND	µg/L
4-Chloro-o-toluidine	95-69-2	0.1	0.1	ND	µg/L
4-chloro-o-toluidinium chloride	3165-93-3	0.1	0.1	ND	µg/L
4-Chloroaniline	106-47-8	0.1	0.1	ND	µg/L
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7	0.1	0.1	ND	µg/L
4-methoxy-m-phenylenediamine	615-05-4	0.1	0.1	ND	µg/L
4-Methyl-m-phenylenediamine	95-80-7	0.1	0.1	ND	µg/L
4,4-Methylene-bis-(2-chloro-aniline)	101-14-4	0.1	0.1	ND	µg/L
4,4-methylenedi-o-toluidine	838-88-0	0.1	0.1	ND	µg/L
4,4-methylenedianiline	101-77-9	0.1	0.1	ND	µg/L
4,4-Oxydianiline	101-80-4	0.1	0.1	ND	µg/L
4,4-Thiodianiline	139-65-1	0.1	0.1	ND	µg/L
5-Nitro-o-toluidine	99-55-8	0.1	0.1	ND	µg/L
6-methoxy-m-toluidine	120-71-8	0.1	0.1	ND	µg/L
Benzidine	92-87-5	0.1	0.1	ND	µg/L
o-Aminoazotoluene	97-56-3	0.1	0.1	ND	µg/L
o-Anisidine	90-04-0	0.1	0.1	ND	µg/L
o-Toluidine	95-53-4	0.1	0.1	ND	µg/L

19. UV Absorbers

Internal method with reference to USEPA 8270, ISO 22032, USEPA 527 and USEPA 8321B. Dichloromethane extraction GC-MS

UV Absorbers	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	100	100	ND	µg/L
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	100	ND	µg/L
2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	100	100	ND	µg/L
2,4-Di-tert-butyl-6-(5-chlorobenzotrizole-2-yl) phenol (UV-327)	3864-99-1	100	100	ND	µg/L

20. Volatile organic compounds (VOCs)

Internal method with reference to ISO 11423-1 Headspace or Purge and trap GC-MS USEPA 8260D Add ISO 20595 Static headspace for determination of VOC in wastewater for Benzene & Xylene;ISO 11423-1 Headspace or Purge and trap GC-MS EPA 8270 BS EN 12673-1999 for m-cresol,o-cresol,p-cresol;HJ 1067 or EPA 8260D or ISO 11423-1 for Toluene

VOCs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Benzene	71-43-2	1	1	ND	µg/L
m-cresol	108-39-4	1	1	ND	µg/L
o-cresol	95-48-7	1	1	ND	µg/L
p-cresol	106-44-5	1	1	ND	µg/L
Toluene	108-88-3	1	1	ND	µg/L
Xylene	1330-20-7	1	1	ND	µg/L

21. Heavy metals

Internal method with reference to ISO 17294; USEPA 200.7; USEPA 200.8; USEPA 6010C; USEPA 6020A; USEPA 6020B; USEPA 3015A and Chromium (VI): USEPA 218.6, EN ISO 18412

Heavy metals	CAS no.	TEXTILES Limit			LEATHER Limit			Reporting limit & LOQ	Result Sample 2 (After treatment)	Unit
		F	P	A	F	P	A			
Antimony (Sb)	Various	0.1	0.05	0.01	0.1	0.05	0.01	0.01	ND	mg/L
Chromium VI (Cr VI)	Various	0.05	0.005	0.001	0.15	0.05	0.02	0.001	ND	mg/L
Barium (Ba)	Various	Sample and report only			Sample and report only			1	ND	mg/L
Selenium (Se)	Various	Sample and report only			Sample and report only			1	ND	mg/L
Tin (Sn)	Various	Sample and report only			Sample and report only			1	ND	mg/L
Arsenic (As)	Various	0.05	0.01	0.005	0.05	0.01	0.005	0.005	ND	mg/L
Total Chromium (Cr)	Various	0.2	0.1	0.05	1.5	0.8	0.3	0.05	ND	mg/L
Cobalt (Co)	Various	0.05	0.02	0.01	0.05	0.02	0.01	0.01	ND	mg/L
Cadmium (Cd)	Various	0.1	0.05	0.01	0.1	0.05	0.01	0.01	ND	mg/L
Copper (Cu)	Various	1	0.5	0.25	1	0.5	0.25	0.25	ND	mg/L
Lead (Pb)	Various	0.1	0.05	0.01	0.1	0.05	0.01	0.01	ND	mg/L
Nickel (Ni)	Various	0.2	0.1	0.05	0.2	0.1	0.05	0.05	ND	mg/L
Silver (Ag)	Various	0.1	0.05	0.005	0.1	0.05	0.005	0.005	ND	mg/L
Zinc (Zn)	Various	5.0	1.0	0.5	5	1	0.5	0.5	ND	mg/L
Mercury (Hg)	Various	0.01	0.005	0.001	0.01	0.005	0.001	0.001	ND	mg/L

22. Global effluent parameters

Parameters	Test Method	TEXTILES Limit			LEATHER Limit			Reporting limit & LOQ	Result Sample 2 (After treatment)	Unit
		F	P	A	F	P	A			
pH	Wrt. ISO 10523, EPA 150.2 & APHA 4500-H^+	6-9			6-9			NA	7.5 (f)	pH
Temperature difference	Wft. USEPA 170.1 or GB/T 13195	Δ+15	Δ+10	Δ+5	Δ+15	Δ+10	Δ+5	NA	NA (f)	°C
E.coli	Wft. APHA 9221 B,F	126			126			126	ND	MPN/100ml
Colour (436nm; 525nm; 620nm)	Reference to ISO 7887: 2011(E), B	7;5;3	5;3;2	2;1;1	7;5;3	5;3;2	2;1;1	NA	1.0; 0.3; 0.1	m^{-1}
Foam	Visual estimation	Not visible			Not visible			NA	Not Visible (f)	/
Wastewater Flowrate	-	15m^3 per day			15m^3 per day			NA	1,287.36 (f)	m^3/day
Ammonium-N	Wrt. APHA-4500-NH_3 B&F	10	1	0.5	15	10	1	0.5	ND	mg/L
AOX	Wrt. EN ISO 9562 (Mod.)	3	0.5	0.1	3	0.5	0.1	0.1	0.20	mg/L
BOD_5	Wrt. APHA 5210B & HJ 505 (5 days)	30	15	8	50	30	20	8	11.2	mg/L
COD	Wrt. APHA 5220 D	150	80	40	250	150	100	40	42	mg/L
DO	Wrt. Hach manual for LDO & In-house	≥4			≥4			NA	7.02 (f)	mg/L
Oil and grease	Wrt. EPA 1664B & APHA 5520 B & F	10	2	0.5	20	10	5	0.5	1.6	mg/L
Phenol	Wrt. APHA 5530 C	0.5	0.01	0.001	0.5	0.3	0.1	0.001	0.001	mg/L
Total Chlorine	Wrt. ISO 7393-2, EPA 330.5 or HJ 586	1			1			0.1	0.56 (f)	mg/L
TDS	Wrt. APHA 2540C	Sample and report only			Sample and report only			5	1178	mg/L
Total-N	Wrt. DIN EN ISO 11905-1 (Mod.)	20	10	5	35	20	10	5	ND	mg/L
Total-P	Wrt. APHA 4500-P; E	3	0.5	0.1	3	1	0.5	0.1	0.27	mg/L
TSS	Wrt. APHA 2540D, GB 11901, ISO 11923	50	15	5	70	50	20	5	ND	mg/L
Chloride	Wrt. APHA 4500-Cl	Sample and report only			Sample and report only			1	199.94	mg/L
Cyanide, total	Wrt. APHA-4500-CN. C&E, EPA 9010C, 9013 & 9014	0.2	0.1	0.05	NA	NA	NA	0.05	ND	mg/L
Sulphate	Wrt. APHA 4500-SO_4-E	Sample and report only			Sample and report only			3	12.64	mg/L
Sulphide	Wrt. APHA 4500-S2-D	0.5	0.05	0.01	1	0.5	0.2	0.01	0.06	mg/L
Sulphite	Wrt. EPA 377.1 & APHA 4500-SO3 2-B	2	0.5	0.2	2	0.5	0.2	0.2	0.5	mg/L

23. Sludge Parameters – Step 1 – MRSL –APs and APEOs: including all isomers (Sludge Disposal Pathway = C)

Internal method with reference to NP/OP: ISO 18857-2 (modified dichloromethane extraction) or ASTMD7065 (GC-MS or LC-MS(-MS)

OPEO/NPEO (n>2): ISO 18857-2

Sludge Parameters – APs and APEOs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
Nonylphenolethoxylates (NPEOs)	Multiple including 9016-45-9/ 26027-38-3/ 37205-87-1/ 68412-54-4/ 127087-87-0	0.4	0.4	ND	mg/kg
Nonylphenol (NP)	Multiple including 104-40-5/ 11066-49-2/ 25154-52-3/ 84852-15-3	0.4	0.4	ND	mg/kg
Octylphenolethoxylates (OPEOs)	Multiple including 9002-93-1/ 9036-19-5/ 68987-90-6	0.4	0.4	ND	mg/kg
Octylphenol (OP)	Multiple including 140-66-9/ 1806-26-4/ 27193-28-8	0.4	0.4	ND	mg/kg

24. Sludge Parameters – Step 1 – MRSL – Polycyclic Aromatic Hydrocarbons (PAHs)

Internal method with reference to US EPA 8270 DIN 38407-39 Solvent extraction GC/MS

PAHs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
Acenaphthene	83-32-9	0.2	0.2	ND	mg/kg
Acenaphthylene	208-96-8	0.2	0.2	ND	mg/kg
Anthracene	120-12-7	0.2	0.2	ND	mg/kg
Benzo(a)anthracene	56-55-3	0.2	0.2	ND	mg/kg
Benzo(a)pyrene (BaP)	50-32-8	0.2	0.2	ND	mg/kg
Benzo(b)fluoranthene	205-99-2	0.2	0.2	ND	mg/kg
Benzo(e)pyrene	192-97-2	0.2	0.2	ND	mg/kg
Benzo(ghi)perylene	191-24-2	0.2	0.2	ND	mg/kg
Benzo(j)fluoranthene	205-82-3	0.2	0.2	ND	mg/kg
Benzo(k)fluoranthene	207-08-09	0.2	0.2	ND	mg/kg
Chrysene	218-01-9	0.2	0.2	ND	mg/kg
Dibenz(a,h)anthracene	53-70-3	0.2	0.2	ND	mg/kg
Fluoranthene	206-44-0	0.2	0.2	ND	mg/kg
Fluorene	86-73-7	0.2	0.2	ND	mg/kg
Indeno (1,2,3-cd)pyrene	193-39-5	0.2	0.2	ND	mg/kg
Naphthalene	91-20-3	0.2	0.2	ND	mg/kg
Phenanthrene	85-01-8	0.2	0.2	ND	mg/kg
Pyrene	129-00-0	0.2	0.2	ND	mg/kg

25. Sludge Parameters – Step 1 – MRSL – Chlorotoluenes

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

Chlorotoluenes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
Other isomers of mono-, di-, tri-, tetra-, and penta- chlorotoluene	Multiple including 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/ 1006-32-2/ 875-40-1/ 877-11-2	0.2	0.2	ND	µg/L

26. Sludge Parameters – Step 1 – Metals

Internal method with reference to USEPA 218.6, EN ISO 18412, USEPA 3060A, USEPA 7196, Chromium VI: EPA 6020B, EPA 6010D, EPA 3050, USEPA 200.7, USEPA 200.8, USEPA 6010c, USEPA 6020a, Others metal: EPA 7471b, USEPA 6020B, Mercury: USEPA 3015A

Sludge Parameters - Metals	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Threshold Values	Result Sample 3 (Sludge)	Unit
Antimony	-	5	NA	12	NA	mg/kg
Arsenic	-	5	2	10	NA	mg/kg
Barium	-	200	NA	700	NA	mg/kg
Cadmium	-	1	2	3	NA	mg/kg
Cobalt	-	400	NA	1600	NA	mg/kg
Copper	-	50	NA	200	NA	mg/kg
Lead	-	5	2	10	NA	mg/kg
Nickel	-	20	NA	70	NA	mg/kg
Selenium	-	5	NA	10	NA	mg/kg
Silver	-	50	NA	100	NA	mg/kg
Zinc	-	400	NA	1000	NA	mg/kg
Total Chromium	-	50	NA	100	NA	mg/kg
Chromium (VI)	-	20	2	50	NA	mg/kg
Mercury	-	1	0.2	1	NA	mg/kg

27. Sludge Parameters – Step 1 – Conventional Parameters & Anions

pH: Wrt. EPA SW 9045D; Fecal Coliform: Wrt. APHA 9221. B, E; % Solids: Wrt. EPA 160.3, HJ613 at 105 degree C; Paint Filter Test: Wrt. EPA 9095B Cyanide: Wrt. APHA-4500-CN. C&E, EPA 9010C, 9013 & 9014

Sludge Parameters – Conventional & Anions	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
pH	-	NA	-	NA	pH
Fecal Coliform	-	NA	-	NA	MPN/g
% Solids	-	Sample & Report Only	-	68.45	%
Paint Filter Test	-	NA	-	NA	-
Cyanide	-	NA	-	NA	mg/kg

28. Sludge Parameters – Step 2 – Metals

Internal method with reference to leachte Preparation: USEPA 1311, Leachte Analysis: USEPA 7196 For Chromium (VI) & Acid Digestion EPA EPA 3051A; Analysis: USEPA 200.7, USEPA 200.8, USEPA 6010c & USEPA 6020a (Others Metal)

Sludge Parameters – Step 2 - Metals	CAS no.	LOQ	Reporting limit	Result Sample 4 (Leachate)	Unit
Antimony	-	0.6	-	NA	mg/L
Arsenic	-	0.5	-	NA	mg/L
Barium	-	35	-	NA	mg/L
Cadmium	-	0.15	-	NA	mg/L
Cobalt	-	80	-	NA	mg/L
Copper	-	10	-	NA	mg/L
Lead	-	0.5	-	NA	mg/L
Nickel	-	3.5	-	NA	mg/L
Selenium	-	0.5	-	NA	mg/L
Silver	-	5	-	NA	mg/L
Zinc	-	50	-	NA	mg/L
Total Chromium	-	5	-	NA	mg/L
Chromium (VI)	-	2.5	-	NA	mg/L
Mercury	-	0.5	-	NA	mg/L

Remark

ND	=	Not detected (below reporting limit)	NA	=	Not applicable
D	=	Detected (equal or above reporting limit)	-	=	Did not perform
*	=	See remark	(f)	=	Parameter tested in field
@	=	Maximum holding time exceeded,	(T)	=	Handling temperature exceeded
		Red flag in the ZDHC Gateway – Wastewater Module.	F	=	Foundational level
		Probable error in results due to the holding time.	P	=	Progressive level
#	=	Non accredited parameter	A	=	Aspirational level
(S)	=	Analysis was subcontracted for testing			
[a]	=	The local legal standard name and legal standard number is referenced to discharge permit (or contractual agree by CETP) that provided by company.			

Annex A: Sampling photos & Sampling locations

Sample 1 – Sampling Point

20/10/2025; 11:49

Sample 1 – Photo of Sample

20/10/2025; 17:33

Annex A: Sampling photos & Sampling locations (continue)

Sample 2 – Sampling Point

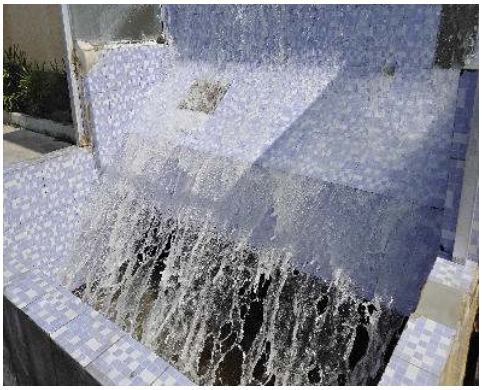
20/10/2025; 11:51

Sample 2 – Photo of Sample

20/10/2025; 17:32

Sample 2 – Photo of persistant foam

20/10/2025; 11:52



Annex A: Sampling photos & Sampling locations (continue)

Sample 3 – Sampling Point
20/10/2025; 11:53

Sample 3 – Photo of Sample
20/10/2025; 15:12

Annex B: On-site Field Data Record Sheet

ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration	CPSD-AN-00613-DATA 07 Issue Date: February 20, 2024 Version No.: 1 Business Line: Analytical

Attach the completed field data form in the test report.

Facility Information

Date of Sampling:	20-10-2025		
Sample Number (ZDHC Composite Sample Code):	I-001, I-002, I-003		
Facility Name:	N.Z fabrics Limited.		
Facility Address:	Balaikha, Bhulta, Rupganj. Narayanganj.		
Facility Type (tick all applicable):	◉ Dyeing and Finishing ○ Laundry, Washing and Finishing ○ Printing ○ Other (please specify)	○ Fabric Mill ○ Natural Leather processing ○ Synthetic Leather processing	
Discharge Type (tick applicable):	◉ Direct discharge ○ Indirect discharge ○ Zero liquid discharge (ZLD)	○ with pre-treatment ○ without pre-treatment ○ with own ETP	Other Notes:
Discharge Description:	◉ Discharge to environment (e.g. river, stream, sea etc.) ○ Sewage treatment plant	○ Other (please specify) * govt ~~canal~~ drain to canal	
Discharge Volume:	◉ ≥ 15m³ per day	○ < 15m³ per day	

Sample Type and Details

Sample Type	Sample Details
○ Incoming Water	--
○ Untreated WW	○ with equalisation tank (EQT) present Hydraulic Retention Time (HRT) (Hours): > 12 Hours = volume of tank (m³) / flow rate (m³/h) If HRT > 12 h, grab sampling from EQT is allowed.
○ Effluent	◉ Direct — Enter sampling time(s) in page 2 and take field test measurements ○ Indirect — Enter sampling time(s) in page 2. No field test measurements required except on client's request. ○ Facility has WWTP ○ Plant is in operating condition ○ with equalisation tank (EQT) present Hydraulic Retention Time (HRT) (Hours): = volume of tank (m³) / flow rate (m³/h) If HRT > 12 h, grab sampling from EQT is allowed.
○ Sludge	Disposal Pathway (The pathway must be defined by the facility. If the facility cannot provide information, pathway "F" shall be assumed.) ○ A >1000°C offsite incineration ○ B Landfill with significant control ◉ C Building products processed >1000°C ○ D Landfill with limited control ○ E Incineration/ Building products processed <1000°C ○ F Landfill with no control ○ G Land application Sludge flux (weight/time) if applicable:

ZDHC Wastewater Sampling - Facility Confirmation

The wastewater samples have been collected under the facilities' normal production scale and wastewater flow rate. The sampler listed below was on-site and collected the samples. Sampling protocol for wastewater and sludge samples are in accordance with ZDHC SAP including appendix E. In no circumstances shall samples be taken during times when the production process is not running or the wastewater is diluted, for example due to heavy rainfall.

Facility Confirmation		Sampler Information	
Facility Name:	N.Z fabrics Ltd.	Sampler's Name/ Email:	Md. Mosud Rana
Facility Representative Name:	Muhammad Sela	Sampler's ZDHC Accredited No.:	C74D1068174 3)
Facility Representative Signature and Stamp:	Muhammad	Sampler's Signature:	
Date:	20/10/25	Date:	20.10.25

N.Z FABRICS LTD. NZ TEX GROUP Balaikha Bhulta

CPSD-AN-00613-DATA 07-FIELD DATA RECORD ZDHC SAMPLING V1

Annex B: On-site Field Data Record Sheet (continue)

ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration	CPSD-AN-00613-DATA 07
	Issue Date:
	Version No.: 1
	Business Line: Analytical

ZDHC Wastewater Flow Device Dimensions

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

ZDHC Wastewater Sampling Field Testing QA/ QC

Parameter	Lab Control Sample (LCS) Known	Lab Control Sample (LCS) Measured	Accuracy (%)
pH	4.00	4.00	100%
Total Chlorine	0.50	0.49	98%

ZDHC Wastewater Sample Collection Field Test Measurements

Incoming Sample Point	○ Composite Sample	○ Grab Sample	Start Time:	Stop Time:				
Sampling Locations:	GPS coordinates:	Lat.: N / S	Long.: E / W					
Sampling Mode:	○ Manual	○ Autosampler - Sampling Device Description/ Owner:						
	0	1	2	3	4	5	6	Average
Sampling Time (Hours)								--
Recording time of discrete sample								
Colour (visual estimation):								
Untreated Sample Point	✓ Composite Sample	○ Grab Sample	Start Time: 10.50	Stop Time: 17.50				
Sampling Locations:	GPS coordinates:	Lat.: N / S 23.7731621	Long.: E / W 90.5644078					
Sampling Mode:	✓ Manual	○ Autosampler - Sampling Device Description/ Owner:						
	0	1	2	3	4	5	6	Average
Sampling Time (Hours)	11.10	12.10	13.10	14.10	15.10	16.10	17.10	--
Recording time of discrete sample	L. Olive	L. Olive	L. Olive	L. Olive	L. Olive	L. Olive	L. Olive	Lite Olive
Colour (visual estimation):								
Effluent Sample Point	✓ Composite Sample	○ Grab Sample	Start Time: 10.50	Stop Time: 17.50				
Sampling Locations:	GPS coordinates:	Lat.: N / S 23.7723984	Long.: E / W 90.5640665					
Sampling Mode:	✓ Manual	○ Autosampler - Sampling Device Description/ Owner:						
	0	1	2	3	4	5	6	Average
Sampling Time (Hours)	11.20	12.20	13.20	14.20	15.20	16.20	17.20	--
Recording time of discrete sample	30.6	31.2	29.9	30.3	30.8	31.4	30.9	30.73
Temperature (°C): WW Discharge	NA							
Temperature (°C): Receiving Water								
pH:	7.5	7.6	7.4	7.5	7.4	7.6	7.5	7.5
Dissolved Oxygen (mg/L):	6.93	7.12	6.98	7.21	6.89	6.96	7.08	7.02
Total Chlorine (mg/L):	0.50	0.66	0.60	0.50	0.50	0.60	0.60	0.56
Persistent Foam (Yes/ No):	Yes / ~~No~~	Yes / ~~No~~	Yes / ~~No~~	Yes / ~~No~~	Yes / No	Yes / ~~No~~	Yes / ~~No~~	Yes / ~~No~~
Wastewater Flow Meter (~~L/min~~): m3/h	52.8	54.2	53.4	51.9	56.1	54.3	52.8	53.64
Alternate Measured Flow: Depth (cm)	/	/	/	/	/	/	/	/
Alternate Measured Flow: Velocity (cm/sec)	L. Blue	L. Blue	L. Blue	L. Blue	L. Blue	L. Blue	L. Blue	Lite Blue
Colour (visual estimation):	0.15X24	0.15X24	0.15X24	0.15X24	0.15X24	0.15X24	0.15X24	
Volume collected (L):	Collect 3 33-litres each hour for a total minimum volume of 20-litres							
Total volume collected (L):	25.2							
Sludge Sample Point	✓ Composite Sample				Start Time: 10.50		Stop Time: 17.50	
Sampling Locations	GPS coordinates:	Lat.: N / S 23.7723252	Long.: E / W 90.5646922					
Sampling Mode	✓ Manual	○ Autosampler - Sampling Device Description/ Owner:						
	0	1	2	3	4	5	6	Average
Sampling Time (Hours)	11.53							--
Recording time of discrete sample	Black (Solid)							
Colour (visual estimation):								

Comments/ Other Observations

Yearly wastewater generate 450489 m3.
Yearly working Days 350.

ETP Rem 24 Hours.
MBR ETP

Annex C: Limit according to regulation / Contract limit with centralized ETP:

[Environmental Conservation Rules' 2023 (Bangladesh): For Dyeing / Washing and Printing [Schedule 5 (2)]:

Sl. No.	Test Parameters For Wastewater	Unit	Limitation Value of Legal Requirements (ECR)
1	Temperature Difference	°C	The temperature of the reservoir shall not be more than 5 °C
2	TSS	mg/L	100
3	COD	mg/L	200
4	pH	Range	6-9
5	Color	Pt-Co	150
6	BOD5	mg/L	30
7	Oil and Grease	mg/L	10
8	Phenol / Phenol Index	mg/L	1
9	Sulfide	mg/L	2
10	Total Dissolved Solids	mg/L	2100
11	Chromium, total	mg/L	0.5
12	Cobalt	mg/L	0.5
13	Nickel	mg/L	1
14	Cadmium	mg/L	0.02
15	Lead	mg/L	0.1

END

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