

Date of sampling	01/03/2024
Reporting date	12/03/2024

Audit ID	164622	Audit firm	SGS Guangzhou
Company name	Quanzhou Nanxin Bleach Dye Co., Ltd.		
Contact person	Lu Hui Ping		
Type of tax – tax ID no	91350500611539574P		
Address	No. 236, Chengzhou Road, Fengze District, Quanzhou City, Fujian Province		
Region state province	FUJIAN		
Town city / village	QUANZHOU		
Zip / Post code	362000		

Type of wastewater discharge	
Type of waste discharge	Direct Discharge
Description of the discharge	Discharge to the Environment
[If direct discharge] Temperature of receiving water body:	Not applicable

Type of sludge disposal pathway	
Type of sludge disposal pathway	Pathway A



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Sampler accreditation certification number (ZDHC):		C74D106818068 / C74D106818114	
Sampling affiliate		SGS Guangzhou	
Sample description			
	Simple	Composite	Comments
(1) Untreated wastewater	-	High-pollution Untreated wastewater: Dark-brown, composite sample at 9:30, 10:30, 11:30, 12:30, 13:30, 14:30, 15:30 Low-pollution Untreated wastewater: Brown, composite sample at 9:10, 10:10, 11:10, 12:10, 13:10, 14:10, 15:10	High-pollution Untreated wastewater: pH: 8.9 Temperature: 33 °C Low-pollution Untreated wastewater: pH: 8.9 Temperature: 33 °C
(2) Effluent	Yellowish, composite sample at 9:00, 10:00, 11:00, 12:00, 13:00, 14:00, 15:00	-	pH:8.5 Temperature: 27 °C
(3) Sludge	Black, grab sample at 10:52	-	-
(4) Leachate	YES	-	-

Internal description – Final Test Report	
Testing laboratory	SGS Guangzhou
Internal codification number (report number)	SL92409264668901TX
Reference sample number (sample ID)	92409264668901-01, 92409264668901-02, 92409264668901-03, 92409264668901-04
Received on	03/03/2024
Analysis carried out from	04/03/2024 to 11/03/2024
Arrival temperature at lab	6.3 °C
Comments	Samples received within 72 hours, Max. Holding Time of E. Coli, Color, Sulfite and Biochemical Oxygen Demand of effluent, pH and fecal coliform of Sludge were exceeded.
Reporting date	12/03/2024

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Ivan Xie (Technical Manager)



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Summary of test results					
Test items	High-pollution Untreated wastewater	Low-pollution Untreated wastewater	Effluent	Sludge	Leachate
Conventional Parameters and Anions	-	-	Exceed Foundation limit®	Please refer to the information in TEST RESULTS®	-
Heavy Metals	-	-	Fulfill Progressive limit	Please refer to the information in TEST RESULTS	ND
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers	ND		-	Sample and Report Only	-
Anti- Microbials & Biocides	ND		-	-	-
Chlorinated Parafins	ND		-	-	-
Chlorobenzenes & Chlorotoluenes	ND		-	Sample and Report Only	-
Chlorophenols	ND		-	-	-
N,N-di-methylformamide (DMFa)	ND		-	-	-
Dyes – Carcinogenic or Equivalent Concern	ND		-	-	-
Dyes – Disperse (Allergenic)	ND		-	-	-
Dyes – Navy Blue Colourant	ND		-	-	-
Flame Retardants	ND		-	-	-
Glycols / Glycol Ethers	ND		-	-	-
Halogenated Solvents	ND		-	-	-
Organotin Compounds	ND		-	-	-
Other / Miscellaneous Chemicals	ND		-	-	-
Perfluorinated and Polyfluorinated Chemicals (PFCs)	ND		-	-	-
Phthalates – including all other esters of ortho-phthalic acid	ND		-	-	-
Polycyclic Aromatic Hydrocarbons (PAHs)	ND		-	Sample and Report Only	-
Restricted Aromatic Amines (Cleavable from Azo-colourants)	ND		-	-	-
UV Absorbers	ND		-	-	-
VOCs	ND		-	-	-

Remark (Indicated in each parameter)

- ND = Not detected
- D = Detected
- NA = Not applicable
- NC = Not conducted
- = Not required to be tested
- @ = Maximum holding time exceeded



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Wastewater

1. Conventional Parameters and Anions

Test Items	Test method	Limit			Reporting Limit	Result	Unit
		Foundational	Progressive	Aspirational		Effluent	
pH	ISO 10523, USEPA 150.1, SM 4500 H+, HJ 1147 or IS 3025 (Part 11) - Electrometric method only	Textile and Leather: 6-9			NA	8.5 (f)	-
Temperature Difference	DIN 38 404-4, USEPA 170.1, SM 2550, GB/T 13195 or IS 3025 (Part 9)	Textile and Leather: Δ+15	Textile and Leather: Δ+10	Textile and Leather: Δ+5	NA	NA	°C
E. Coli	SM 9221 B presumptive, confirm positive with SM 9221 F or G	Textile and Leather: 126			126	ND	MPN/100mL
Colour (436nm; 525nm; 620nm)	ISO 7887 B	Textile and Leather: 7;5;3	Textile and Leather: 5;3;2	Textile and Leather: 2;1;1	NA	5;4;4	m ¹
Persistent Foam	-	Textile and Leather: Not visible			NA	Not Visible	-
Wastewater Flowrate	-	-			NA	1507	m ³ /day
Ammonium-Nitrogen	ISO 7150, ISO 11732, USEPA 350.1, USEPA 350.3, SM 4500 NH ₃ D, E, F, G or H, HJ 535 or IS 3025 (Part 34) - Phenate or ammonia selective electrode only	Textile: 10 Leather: 15	Textile: 1 Leather: 10	Textile: 0.5 Leather: 1	0.5	0.8	mg/L
AOX	ISO 9562, HACH LCK 390 or HJ/T 83-2001	Textile: 3	Textile: 0.5	Textile: 0.1	0.1	ND	mg/L
Biochemical Oxygen Demand 5-days concentration (BOD ₅)	ISO 5815-1, USEPA 405.1, SM 5210 B, HJ 505 or IS 3025 (Part 44) - Seeded dilution water (BOD ₅)	Textile: 30 Leather: 50	Textile: 15 Leather: 30	Textile: 8 Leather: 20	5	ND	mg/L
Chemical Oxygen Demand (COD)	ISO 6060, ISO 15705, USEPA 410.4, SM 5220 D, HJ 828, GB/T 11914 or IS 3025 (Part 58)	Textile: 150 Leather: 250	Textile: 80 Leather: 150	Textile: 40 Leather: 100	40	53	mg/L
Dissolved Oxygen (DO)	ISO 5814, USEPA 360.1, SM 4500 O G or HJ 506	Textile and Leather: Sample and report only			0.5	0.2 (f)	mg/L
Oil and grease	ISO 9377-2, USEPA 1664 Revision B, SM 5520 B or C, HJ 637 - Total oil and grease or IS 3025 (Part 39) - Partition	Textile: 10 Leather: 20	Textile: 2 Leather: 10	Textile: 0.5 Leather: 5	0.5	ND	mg/L



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	gravimetric or partition infra-red						
Total Phenols / Phenol Index	ISO 6439, SM 5530 B or C, HJ 503 or IS 3025 (Part 43)	Textile and Leather: 0.5	Textile:0.01 Leather: 0.3	Textile: 0.001 Leather: 0.1	0.001	ND	mg/L
Total Chlorine	ISO 7393-2, USEPA 330.5, SM 4500 Cl- G or HJ 586	Textile and Leather: Sample and report only			0.5	0.1 (f)	mg/L
Total Dissolved Solids (TDS)	USEPA 160.1, SM 2540 C, GB/T 5750.4-2006 (180°C centigrade) or IS 3025 (Part 16) 179°C to 181°C	Textile and Leather: Sample and report only			50	3566	mg/L
Total Nitrogen	ISO 11905 - Part 1, ISO 29441, USEPA 351.2, SM 4500 P J, SM 4500 N B, C, HJ 636 or IS 3025 (Part 34) (Ammonia, nitrate, nitrite, organic)	Textile: 20 Leather: 35	Textile: 10 Leather: 20	Textile: 5 Leather: 10	5	6	mg/L
Total Phosphorus	ISO 6878, ISO 11885, ISO 17294, USEPA 200.7, USEPA 200.8, USEPA 365.4, USEPA 6010 C, USEPA 6020 A, SM 4500 P J, GB/T 11893, IS 3025 (Part 31) or IS 3025 (Part 65)	Textile and Leather: 3	Textile: 0.5 Leather: 1	Textile: 0.1 Leather: 0.5	0.1	0.7	mg/L
Total Suspended Solids (TSS)	ISO 11923, USEPA 160.2, SM 2540 D, GB/T 11901 or IS 3025 (Part 17) 103°C to 105°C	Textile: 50 Leather: 70	Textile: 15 Leather: 50	Textile: 5 Leather: 20	5	12	mg/L
Chloride	ISO 10304-1, ISO 15923-1, USEPA 300, SM 4110 B, C, SM 4500 Cl D or E, HJ 84-2016 or IS 3025 (Part 32) - Potentiometric or automated ferricyanide only	Textile and Leather: Sample and report only			1	70	mg/L
Cyanide	ISO 6703-1, -2, -3, ISO 14403-1, -2, USEPA 335.2, SM 4500 CN or HJ 484	Textile: 0.2	Textile: 0.1	Textile: 0.05	0.05	ND	mg/L
Sulfate	ISO 10304-1, ISO 15923-1, USEPA 300, USEPA 9038, SM 4110 B, C, SM 4500 SO ₄ ²⁻ E, F, G, HJ 84-2016 or IS 3025 (Part 24)	Textile and Leather: Sample and report only			5	1748	mg/L
Sulfide	ISO 10530, SM 4500 S ²⁻ D, E, G or I, HJ 1226 or IS 3025 (Part 29) - Methylene blue only	Textile: 0.5 Leather: 1	Textile: 0.05 Leather: 0.5	Textile: 0.01 Leather: 0.2	0.01	0.02	mg/L
Sulfite	ISO 10304-3, SM 4500 SO ₃ ²⁻ C or HJ 84-2016	Textile: 2	Textile: 0.5	Textile: 0.2	0.2	9.7	mg/L



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Remark

ND = Not detected
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 - = Not required to be tested
 (f) = Parameter tested in field

2. Heavy Metals

Cr (VI): ISO 18412, USEPA 218.6, GB 7467 or IS 3025 (Part 52)
 Ba, Se, Sn: USEPA 200.8, USEPA 6010 C, USEPA 6020 A or HJ 700
 Sb, As, Cr, Co: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65)
 Cd: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, GB 7475, HJ 700, IS 3025 (Part 65) or IS 3025 (Part 41) – AAS instrumental method
 Cu: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, GB 7475, HJ 700, IS 3025 (Part 65) or IS 3025 (Part 42) – AAS instrumental method
 Pb: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, GB 7475, HJ 700, IS 3025 (Part 65) or IS 3025 (Part 47) – AAS instrumental method
 Ni: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, GB 11912, HJ 700, IS 3025 (Part 65) or IS 3025 (Part 54) – AAS instrumental method
 Ag: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, GB 11907, HJ 700 or IS 3025 (Part 65)
 Zn: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, GB 7472, GB 7475, HJ 700, IS 3025 (Part 65) or IS 3025 (Part 49) – AAS instrumental method
 Hg: ISO 17294, USEPA 200.8 – SIM, USEPA 245.1, USEPA 245.7, USEPA 6020 A – SIM, HJ 597, HJ 694, IS 3025 (Part 48) – Cold vapour AAS only or IS 3025 (Part 65) – SI

Test items	CAS no.	Limit			Reporting Limit	Result	Unit
		Foundational	Progressive	Aspirational		Effluent	
Arsenic (As)	Various	Textile and Leather: 0.05	Textile and Leather: 0.01	Textile and Leather: 0.005	0.005	ND	mg/L
Cadmium (Cd)	Various	Textile and Leather: 0.1	Textile and Leather: 0.05	Textile and Leather: 0.01	0.01	ND	mg/L
Mercury (Hg)	Various	Textile and Leather: 0.01	Textile and Leather: 0.005	Textile and Leather: 0.001	0.001	ND	mg/L
Lead (Pb)	Various	Textile and Leather: 0.1	Textile and Leather: 0.05	Textile and Leather: 0.01	0.01	ND	mg/L
Antimony (Sb) *	Various	Textile and Leather: 0.1	Textile and Leather: 0.05	Textile and Leather: 0.01	0.01	0.02	mg/L
Cobalt (Co)	Various	Textile and Leather: 0.05	Textile and Leather: 0.02	Textile and Leather: 0.01	0.01	ND	mg/L
Nickel (Ni)	Various	Textile and Leather: 0.2	Textile and Leather: 0.1	Textile and Leather: 0.05	0.05	ND	mg/L
Silver (Ag)	Various	Textile and Leather: 0.1	Textile and Leather: 0.05	Textile and Leather: 0.005	0.005	ND	mg/L
Copper (Cu)	Various	Textile and Leather: 1	Textile and Leather: 0.5	Textile and Leather: 0.25	0.25	ND	mg/L
Zinc (Zn)	Various	Textile and Leather: 5	Textile and Leather: 1	Textile and Leather: 0.5	0.1	ND	mg/L
Total Chromium (Cr)	Various	Textile: 0.2 Leather: 1.5	Textile: 0.1 Leather: 0.8	Textile: 0.05 Leather: 0.3	0.05	ND	mg/L
Chromium VI (Cr VI)	Various	Textile: 0.05 Leather: 0.15	Textile: 0.005 Leather: 0.05	Textile: 0.001 Leather: 0.02	0.001	ND	mg/L
Barium (Ba)	Various	Textile: Sample and report only			35	ND	mg/L
Selenium (Se)	Various	Textile: Sample and report only			0.5	ND	mg/L
Tin (Sn)	Various	Textile: Sample and report only			0.1	ND	mg/L



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*= Sample and report only for polyester wet processing facilities

3. Alkylphenol (AP) & Alkylphenol Ethoxylates (APEOs): including all isomers

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

NPEO / OPEO: With reference to ISO 18857-2 or ASTM D7742

Test items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Octylphenol (OP)	140-66-9/ 1806-26-4/ 27193-28-8	5	ND	ND	µg/L
Nonylphenol (NP)	104-40-5/ 11066-49-2/ 25154-52-3/ 84852-15-3	5	ND	ND	µg/L
Octylphenoethoxylates (OPEOs)	9002-93-1/9036-19-5/68987-90-6	5	ND	ND	µg/L
Nonylphenoethoxylates (NPEOs)	9016-45-9/26027-38-3/ 37205-87-1/ 68412-54-4/127087-87-0	5	ND	ND	µg/L

1 µg/L = 0.001 ppm

4. Anti- Microbials & Biocides

o-Phenylphenol (+salts): With reference to BS EN 12673-1999, USEPA 8270 E or Solvent extraction, derivatization with KOH, acetic anhydride followed by GC-MS

Triclosan: With reference to BS EN 12673-1999, USEPA 8270 E or Solvent extraction, derivatization with KOH, acetic anhydride followed by GC-MS

Permethrin: With reference to ISO 14154:2005, USEPA 8270 E, Solvent extraction followed by GC-MS or An alternative method, without derivatization and determination by LC-MS / LC-MS/MS

Test items	CAS no.	Reporting Limit	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
o-Phenylphenol (+salts)	90-43-7	Textile: 100	ND	ND	µg/L
Triclosan	3380-34-5	Textile and Leather: 100	ND	ND	µg/L
Permethrin	Various	Textile and Leather: 500	ND	ND	µg/L

1 µg/L = 0.001 ppm



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5. Chlorinated Paraffins

MCCPs: Preparation: With reference to USEPA 3510. Analysis: With reference to ISO 18219-2:2021 or Method for MCCP with GC-MS(NCI) or LC-MS/MS.

SCCPs: Preparation: With reference to USEPA 3510. Analysis: With reference to ISO 12010:2019, ISO 18219-1:2021 or Method for SCCP with GC-MS(NCI) or LC-MS/MS

Test items	CAS no.	Reporting Limit	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Short chain chlorinated paraffins (C10-C13)	85535-84-8	Textile and Leather: 25	ND	ND	µg/L
Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	Textile and Leather: 500	ND	ND	µg/L

1 µg/L = 0.001 ppm

6. Chlorobenzenes & Chlorotoluenes

With reference to USEPA 8260 D, USEPA 8270 E, Purge and Trap, Headspace or Dichloromethane extraction followed by GC-MS

Test items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Monochlorobenzenes	108-90-7	0.2	ND	ND	µg/L
1,2-Dichlorobenzene	95-50-1	0.2	ND	ND	µg/L
1,3-Dichlorobenzene	541-73-1	0.2	ND	ND	µg/L
1,4-Dichlorobenzene	106-46-7	0.2	ND	ND	µg/L
1,2,3-Trichlorobenzene	87-61-6	0.2	ND	ND	µg/L
1,2,4-Trichlorobenzene	120-82-1	0.2	ND	ND	µg/L
1,3,5-Trichlorobenzene	108-70-3	0.2	ND	ND	µg/L
1,2,3,4-Tetrachlorobenzene	634-66-2	0.2	ND	ND	µg/L
1,2,3,5-Tetrachlorobenzene	634-90-2	0.2	ND	ND	µg/L
1,2,4,5-Tetrachlorobenzene	95-94-3	0.2	ND	ND	µg/L
Pentachlorobenzene	608-93-5	0.2	ND	ND	µg/L
Hexachlorobenzene	118-74-1	0.2	ND	ND	µg/L
2-Chlorotoluene	95-49-8	0.2	ND	ND	µg/L
3-Chlorotoluene	108-41-8	0.2	ND	ND	µg/L



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4-Chlorotoluene	106-43-4	0.2	ND	ND	µg/L
2,3-Dichlorotoluene	32768-54-0	0.2	ND	ND	µg/L
2,4-Dichlorotoluene	95-73-8	0.2	ND	ND	µg/L
2,5-Dichlorotoluene	19398-61-9	0.2	ND	ND	µg/L
2,6-Dichlorotoluene	118-69-4	0.2	ND	ND	µg/L
3,4-Dichlorotoluene	95-75-0	0.2	ND	ND	µg/L
3,5-Dichlorotoluene	25186-47-4	0.2	ND	ND	µg/L
2,3,4-Trichlorotoluene	7359-72-0	0.2	ND	ND	µg/L
2,3,6-Trichlorotoluene	2077-46-5	0.2	ND	ND	µg/L
2,4,5-Trichlorotoluene	6639-30-1	0.2	ND	ND	µg/L
2,4,6-Trichlorotoluene	23749-65-7	0.2	ND	ND	µg/L
3,4,5-Trichlorotoluene	21472-86-6	0.2	ND	ND	µg/L
2,3,4,5-Tetrachlorotoluene	76057-12-0	0.2	ND	ND	µg/L
2,3,5,6-Tetrachlorotoluene	29733-70-8	0.2	ND	ND	µg/L
2,3,4,6-Tetrachlorotoluene	875-40-1	0.2	ND	ND	µg/L
Pentachlorotoluene	877-11-2	0.2	ND	ND	µg/L

1 µg/L = 0.001 ppm

7. Chlorophenols

With reference to BS EN 12673-1999, USEPA 8270 E or Solvent extraction, derivatization with KOH, acetic anhydride followed by GC-MS

Test items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
2-Chlorophenol	95-57-8	0.5	ND	ND	µg/L
3-Chlorophenol	108-43-0	0.5	ND	ND	µg/L
4-Chlorophenol	106-48-9	0.5	ND	ND	µg/L
2,3-Dichlorophenol	576-24-9	0.5	ND	ND	µg/L
2,4-Dichlorophenol	120-83-2	0.5	ND	ND	µg/L
2,5-Dichlorophenol	583-78-8	0.5	ND	ND	µg/L
2,6-Dichlorophenol	87-65-0	0.5	ND	ND	µg/L
3,4-Dichlorophenol	95-77-2	0.5	ND	ND	µg/L



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3,5-Dichlorophenol	591-35-5	0.5	ND	ND	µg/L
2,3,4-Trichlorophenol	15950-66-0	0.5	ND	ND	µg/L
2,3,5-Trichlorophenol	933-78-8	0.5	ND	ND	µg/L
2,3,6-Trichlorophenol	933-75-5	0.5	ND	ND	µg/L
2,4,5-Trichlorophenol	95-95-4	0.5	ND	ND	µg/L
2,4,6-Trichlorophenol	88-06-2	0.5	ND	ND	µg/L
3,4,5-Trichlorophenol	609-19-8	0.5	ND	ND	µg/L
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	ND	ND	µg/L
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	ND	ND	µg/L
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	ND	ND	µg/L
Pentachlorophenol PCP	87-86-5	0.5	ND	ND	µg/L

1 µg/L = 0.001 ppm

8. N,N-di-methylformamide (DMFa)

With reference to USEPA 8015 or USEPA 8270 E

Test item	CAS no.	Reporting Limit (Textile)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
N,N-di-methylformamide (DMFa)	68-12-2	1000 (Sample and Report only for mock leather)	ND	ND	µg/L

1 µg/L = 0.001 ppm

9. Dyes - Carcinogenic or Equivalent Concern

With reference to Liquid extraction followed by LC-MS

Test items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
C.I. Direct Black 38	1937-37-7	500	ND	ND	µg/L
C.I. Direct Blue 6	2602-46-2	500	ND	ND	µg/L
C.I. Acid Red 26	3761-53-3	500	ND	ND	µg/L
C.I. Basic Red 9	569-61-9	500	ND	ND	µg/L



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C.I. Direct Red 28	573-58-0	500	ND	ND	µg/L
C.I. Basic Violet 14	632-99-5	500	ND	ND	µg/L
C.I. Disperse Blue 1	2475-45-8	Textile: 500	ND	ND	µg/L
C.I. Disperse Blue 3	2475-46-9	Textile: 500	ND	ND	µg/L
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	2580-56-5	500	ND	ND	µg/L
C.I. Basic Green 4 (malachite green chloride)	569-64-2	500	ND	ND	µg/L
C.I. Basic Green 4 (malachite green oxalate)	2437-29-8	500	ND	ND	µg/L
C.I. Basic Green 4 (malachite green)	10309-95-2	500	ND	ND	µg/L
Disperse Orange 11	82-28-0	Textile: 500	ND	ND	µg/L
Basic violet 3 with >0.1% of Michler's Ketone*	548-62-9	500	ND	ND	µg/L
C.I. Acid Violet 49	1694-09-3	500	ND	ND	µg/L

*Reported concentration refers to the dye part only
1 µg/L = 0.001 ppm

10. Dyes - Disperse (Allergenic)

With reference to Liquid extraction followed by LC-MS

Test Items	CAS no.	Reporting Limit (Textile)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Disperse Yellow 1	119-15-3	50	ND	ND	µg/L
Disperse Blue 102	12222-97-8	50	ND	ND	µg/L
Disperse Blue 106	12223-01-7	50	ND	ND	µg/L
Disperse Yellow 39	12236-29-2	50	ND	ND	µg/L
Disperse Orange 37/59/76	13301-61-6	50	ND	ND	µg/L
Disperse Brown 1	23355-64-8	50	ND	ND	µg/L
Disperse Orange 1	2581-69-3	50	ND	ND	µg/L
Disperse Yellow 3	2832-40-8	50	ND	ND	µg/L
Disperse Red 11	2872-48-2	50	ND	ND	µg/L
Disperse Red 1	2872-52-8	50	ND	ND	µg/L
Disperse Red 17	3179-89-3	50	ND	ND	µg/L
Disperse Blue 7	3179-90-6	50	ND	ND	µg/L
Disperse Blue 26	3860-63-7	50	ND	ND	µg/L



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Disperse Yellow 49	54824-37-2	50	ND	ND	µg/L
Disperse Blue 35	12222-75-2	50	ND	ND	µg/L
Disperse Blue 124	61951-51-7	50	ND	ND	µg/L
Disperse Yellow 9	6373-73-5	50	ND	ND	µg/L
Disperse Orange 3	730-40-5	50	ND	ND	µg/L
Disperse Blue 35	56524-77-7	50	ND	ND	µg/L

1 µg/L = 0.001 ppm

11. Dyes - Navy Blue Colourant

With reference to Liquid extraction followed by LC-MS

Test Items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Component 1: C39H23Cl-CrN7O12S 2Na	118685-33-9	500	ND	ND	µg/L
Component 2: C46H-30CrN10O20S2 3Na	Not Allocated	500	ND	ND	µg/L

1 µg/L = 0.001 ppm

12. Flame retardants

Boric acid, Diboron trioxide, Disodium octaborate, Disodium tetraborate anhydrous, Tetraboron disodium heptaoxide, hydrate:

ISO 17294, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65)

Others: With reference to ISO 22032, USEPA 527, USEPA 8270 E, USEPA 8321 B or Dichloromethane extraction followed by GC-MS or LC-MS(-MS)

Test Items	CAS no.	Reporting Limit	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Decabromodiphenyl ether (DecaBDE)	1163-19-5	Textile: 25 Leather: 5	ND	ND	µg/L
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	Textile: 25 Leather: 5	ND	ND	µg/L
Octabromodiphenyl ether (OctaBDE)	32536-52-0	Textile: 25 Leather: 5	ND	ND	µg/L
Tris(1-aziridinyl)phosphine oxide (TEPA)	545-55-1	Textile: 25 Leather: 5	ND	ND	µg/L
Polybromobiphenyls (PBBs)	59536-65-1	Textile: 25 Leather: 5	ND	ND	µg/L



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Tris(2,3-dibromopropyl phosphate) (TRIS)	126-72-7	Textile: 25 Leather: 5	ND	ND	µg/L
Tetrabromobisphenol A (TBBPA)	79-94-7	Textile: 25 Leather: 5	ND	ND	µg/L
Bis(2,3-dibromopropyl) phosphate	5412-25-9	Textile: 25 Leather: 5	ND	ND	µg/L
Hexabromocyclododecane (HBCDD)	3194-55-6	Textile: 25 Leather: 5	ND	ND	µg/L
2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	Textile: 25 Leather: 5	ND	ND	µg/L
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	Textile: 25 Leather: 5	ND	ND	µg/L
Decabromobiphenyl (DecaBB)	13654-09-6	Textile: 25	ND	ND	µg/L
Dibromobiphenyls (DiBB)	Multiple	Textile: 25	ND	ND	µg/L
Octabromobiphenyls (OctaBB)	Multiple	Textile: 25	ND	ND	µg/L
Dibromopropylether	21850-44-2	Textile: 25	ND	ND	µg/L
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	Textile: 25	ND	ND	µg/L
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	Textile: 25	ND	ND	µg/L
Monobromobiphenyls (MonoBB)	Multiple	Textile: 25	ND	ND	µg/L
Monobromodiphenylethers (MonoBDEs)	Multiple	Textile: 25	ND	ND	µg/L
Nonabromobiphenyls (NonaBB)	Multiple	Textile: 25	ND	ND	µg/L
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	Textile: 25	ND	ND	µg/L
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	Textile: 25	ND	ND	µg/L
Tribromodiphenylethers (TriBDEs)	Multiple	Textile: 25	ND	ND	µg/L
Boric acid	10043-35-3 11113-50-1	Textile: 100*	ND (ND) **	ND (ND) **	µg/L
Diboron trioxide	1303-86-2	Textile: 100*	ND (ND) **	ND (ND) **	µg/L
Disodium octaborate	12008-41-2	Textile: 100*	ND (ND) **	ND (ND) **	µg/L
Disodium tetraborate anhydrous	1303-96-4 1330-43-4	Textile: 100*	ND (ND) **	ND (ND) **	µg/L
Tetraboron disodium heptaoxide, hydrate	12267-73-1	Textile: 100*	ND (ND) **	ND (ND) **	µg/L
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	Textile: 25 Leather: 5	ND	ND	µg/L
Tris(1,3-dichloro-isopropyl) phosphate (TDPCP)	13674-87-8	Textile: 25 Leather: 5	ND	ND	µg/L

1 µg/L = 0.001 ppm

* Limit refers to elemental boron, not the salt.

**Result in term of elemental boron (Result in term of the corresponding boron salt)



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13. Glycols/Glycol Ethers

With reference to USEPA 8270 E or Liquid extraction followed by LC-MS or GC-MS

Test Items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Bis(2-methoxyethyl)-ether	111-96-6	50	ND	ND	µg/L
2-ethoxyethanol	110-80-5	50	ND	ND	µg/L
2-ethoxyethyl acetate	111-15-9	50	ND	ND	µg/L
Ethylene glycol dimethyl ether	110-71-4	50	ND	ND	µg/L
2-methoxyethanol	109-86-4	50	ND	ND	µg/L
2-methoxyethylacetate	110-49-6	50	ND	ND	µg/L
2-methoxypropylacetate	70657-70-4	50	ND	ND	µg/L
Triethylene glycol dimethyl ether	112-49-2	50	ND	ND	µg/L

1 µg/L = 0.001 ppm

14. Halogenated solvents

With reference to USEPA 8260 D, Purge and Trap or Headspace followed by GC-MS

Test Items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
1,2-Dichloroethane	107-06-2	1	ND	ND	µg/L
Methylene chloride	75-09-2	1	ND	ND	µg/L
Trichloroethene	79-01-6	1	ND	ND	µg/L
Tetrachloroethene	127-18-4	1	ND	ND	µg/L

1 µg/L = 0.001 ppm



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15. Organotin compounds

TeET:

With reference to ISO 17353

Others:

With reference to ISO 17353 or Derivatization with NaB(C₂H₅)₄ followed by GC-MS

Test Items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Tricyclohexyltin (TCyHT)	Various	0.01	ND	ND	µg/L
Tripropyltin (TPT)	Various	0.01	ND	ND	µg/L
Dipropyltin compounds (DPT)	Various	0.01	ND	ND	µg/L
Tetrabutyltin compounds (TeBT)	Various	0.01	ND	ND	µg/L
Tetraoctyltin compounds (TeOT)	Various	0.01	ND	ND	µg/L
Tetraethyltin Compounds (TeET)	Various	0.01	ND	ND	µg/L
Mono-, di- and tri-octyltin derivatives	Various	0.01	ND	ND	µg/L
Monooctyltin (MOT)	15231-57-9	0.01	ND	ND	µg/L
Diocetyl tin (DOT)	94410-05-6, 12531-44-4	0.01	ND	ND	µg/L
Triocetyl tin (TOT)	Various	0.01	ND	ND	µg/L
Mono-, di- and tri-methyltin derivatives	Various	0.01	ND	ND	µg/L
Monomethyltin (MMT)	Various	0.01	ND	ND	µg/L
Dimethyltin (DMT)	Various	0.01	ND	ND	µg/L
Trimethyltin (TMT)	Various	0.01	ND	ND	µg/L
Mono-, di- and tri-butyltin derivatives	Various	0.01	ND	ND	µg/L
Monobutyltin (MBT)	1118-46-3, 78763-54-9	0.01	ND	ND	µg/L
Dibutyltin (DBT)	1002-53-5	0.01	ND	ND	µg/L
Tributyltin (TBT)	56573-85-4	0.01	ND	ND	µg/L
Mono-, di- and tri-phenyltin derivatives	Various	0.01	ND	ND	µg/L
Monophenyltin (MPHT)	Various	0.01	ND	ND	µg/L
Diphenyltin (DPHT)	Various	0.01	ND	ND	µg/L
Triphenyltin (TPHT)	892-20-6, 668-34-8	0.01	ND	ND	µg/L

1 µg/L = 0.001 ppm



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16. Other/Miscellaneous Chemicals

AEEA [2-(2-aminoethylamino) ethanol]: With reference to Liquid extraction followed by LC-MS/MS

Bisphenol A: With reference to Liquid extraction followed by LC-MS

Thiourea: With reference to Liquid extraction followed by LC-MS

Quinoline: With reference to Liquid extraction followed by LC-MS

Borate, zinc salt: ISO 17294, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65)

Test Items	CAS no.	Reporting Limit (Textile)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
AEEA [2-(2-aminoethylamino) ethanol]	111-41-1	500	ND	ND	µg/L
Bisphenol A	80-05-7	10	ND	ND	µg/L
Thiourea	62-56-6	50	ND	ND	µg/L
Quinoline	91-22-5	50	ND	ND	µg/L
Borate, zinc salt	12767-90-7	100*	B: ND (ND) ** Zn: 623 (1777) **	B: ND (ND) ** Zn: 571 (1628) **	µg/L

1 µg/L = 0.001 ppm

* Limit refers to boron and zinc individually, not the salt.

** Result in term of elemental boron / zinc (Result in term of the corresponding boron / zinc salt)

17. Perfluorinated and Polyfluorinated Chemicals (PFCs)

PFCs:

With reference to USEPA 537:2020 followed by LC-MS(-MS)

FTOH:

With reference to BS EN 12673-1999, USEPA 8270 E or Derivatization with acetic anhydride followed by GC-MS

Test Items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Perfluoro-octane-sulfonic acid (PFOS)*	1763-23-1	0.01	ND	ND	µg/L
Perfluoro-octanoic acid (PFOA)**	335-67-1	0.01	ND	ND	µg/L



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Perfluoro-octane-sulfon-amide (PFOSA)	754-91-6	0.01	ND	ND	µg/L
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	1	ND	ND	µg/L
1H,1H,2H,2H-Perfluorodecanol (8:2 FTOH)	678-39-7	1	ND	ND	µg/L
N-Methyl-perfluoro-octane-sulfon-amido-ethanol (N-Me-FOSE)	24448-09-7	0.01	ND	ND	µg/L
N-Ethyl-Perfluoro-octane-sulfon-amido-ethanol (N-Et-FOSE)	1691-99-2	0.01	ND	ND	µg/L
N-Methyl-perfluoro-octane-sulfon-amide (N-Me-FOSA)	31506-32-8	0.01	ND	ND	µg/L
N-Ethyl-perfluoro-octane-sulfon-amide (N-Et-FOSA)	4151-50-2	0.01	ND	ND	µg/L
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	1	ND	ND	µg/L
Methyl Perfluorooctanoate (Me-PFOA)	376-27-2	1	ND	ND	µg/L
Ethyl Perfluorooctanoate (Et-PFOA)	3108-24-5	1	ND	ND	µg/L
8:2 Fluorotelomer methacrylate (8:2 FTMA)	1996-88-9	1	ND	ND	µg/L

1 µg/L = 0.001 ppm

* 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)



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

With reference to USEPA 8270 E, ISO 18856 or Dichloromethane extraction followed by GC-MS

Test Items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	ND	ND	µg/L
Dimethoxyethyl phthalate (DMEP)	117-82-8	10	ND	ND	µg/L
Di-n-octyl phthalate (DNOP)	117-84-0	10	ND	ND	µg/L
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	ND	ND	µg/L
Di-iso-nonyl phthalate (DINP)	28553-12-0	10	ND	ND	µg/L
Di-n-hexyl phthalate (DnHP)	84-75-3	10	ND	ND	µg/L
Dibutyl phthalate (DBP)	84-74-2	10	ND	ND	µg/L
Butyl benzyl phthalate (BBP)	85-68-7	10	ND	ND	µg/L
Dinonyl phthalate (DNP)	84-76-4	10	ND	ND	µg/L
Diethyl phthalate (DEP)	84-66-2	10	ND	ND	µg/L
Di-n-propyl phthalate (DPRP)	131-16-8	10	ND	ND	µg/L
Di-iso-butyl phthalate (DIBP)	84-69-5	10	ND	ND	µg/L
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	ND	ND	µg/L
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	ND	ND	µg/L
1,2-benzenedicarboxylic acid, di-C7-11- branched and linearalkyl esters (DHNUP)	68515-42-4, 68515-50-4	10	ND	ND	µg/L
1,2-benzenedicarboxylic acid, di-C6-8 branched and linearalkyl esters , C7-rich (DIHP)	71888-89-6, 84777-06-0	10	ND	ND	µg/L
Di-n-pentylphthalates	131-18-0	10	ND	ND	µg/L
Diisopentylphthalates	605-50-5	10	ND	ND	µg/L

1 µg/L = 0.001 ppm



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19. Polycyclic aromatic hydrocarbons (PAHs)

With reference to DIN 38407-39, USEPA 8270 E or Solvent extraction followed by GC-MS

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

1 µg/L = 0.001 ppm



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

With reference to USEPA 8270 E or Reduction step with sodium dithionite, solvent extraction followed by GC-MS and LC-MS/MS

Test Items	CAS no.	Reporting Limit (Textile and Leather)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
4,4'-Methylene-bis(2-chloroaniline)	101-14-4	0.1	ND	ND	µg/L
4,4'-Diaminodiphenylmethane	101-77-9	0.1	ND	ND	µg/L
4,4'-Oxydianiline	101-80-4	0.1	ND	ND	µg/L
4-Chloroaniline	106-47-8	0.1	ND	ND	µg/L
3,3'-Dimethoxybenzidine	119-90-4	0.1	ND	ND	µg/L
3,3'-Dimethylbenzidine	119-93-7	0.1	ND	ND	µg/L
p-Cresidine	120-71-8	0.1	ND	ND	µg/L
2,4,5-Trimethylaniline	137-17-7	0.1	ND	ND	µg/L
4,4'-Thiodianiline	139-65-1	0.1	ND	ND	µg/L
4-Aminoazobenzene	60-09-3	0.1	ND	ND	µg/L
2,4-Diaminoanisole	615-05-4	0.1	ND	ND	µg/L
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	0.1	ND	ND	µg/L
2,6-Xylidine	87-62-7	0.1	ND	ND	µg/L
o-Anisidine	90-04-0	0.1	ND	ND	µg/L
2-Naphthylamine	91-59-8	0.1	ND	ND	µg/L
3,3'-Dichlorobenzidine	91-94-1	0.1	ND	ND	µg/L
4-Aminobiphenyl	92-67-1	0.1	ND	ND	µg/L
Benzidine	92-87-5	0.1	ND	ND	µg/L
o-Toluidine	95-53-4	0.1	ND	ND	µg/L
2,4-Xylidine	95-68-1	0.1	ND	ND	µg/L
4-Chloro-o-toluidine	95-69-2	0.1	ND	ND	µg/L
2,4-Diaminotoluene	95-80-7	0.1	ND	ND	µg/L
o-Aminoazotoluene	97-56-3	0.1	ND	ND	µg/L
5-Nitro-o-toluidine	99-55-8	0.1	ND	ND	µg/L
2-Naphthylammoniumacetate	553-00-4	0.1	ND	ND	µg/L
2,4,5-trimethylaniline hydrochloride	21436-97-5	0.1	ND	ND	µg/L
4-chloro-o-toluidinium chloride	3165-93-3	0.1	ND	ND	µg/L
4-methoxy-m-phenylene	39156-41-7	0.1	ND	ND	µg/L



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diammonium sulphate;					
2,4-diaminoanisole sulphate					

1 µg/L = 0.001 ppm

21. UV Absorbers

With reference to ISO 22032, USEPA 527, USEPA 8270 E, USEPA 8321 B or Dichloromethane extraction followed by GC-MS or LC-MS(-MS)

Test Items	CAS no.	Reporting Limit (Textile)	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	100	ND	ND	µg/L
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	ND	ND	µg/L
2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	100	ND	ND	µg/L
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)	3864-99-1	100	ND	ND	µg/L

1 µg/L = 0.001 ppm

22. Volatile organic compounds (VOCs)

Benzene: With reference to ISO 11423-1, ISO 20595, USEPA 8260 D, Purge and Trap or Headspace followed by GC-MS

m-cresol / o-cresol / p-cresol: With reference to BS EN 12637-1999, ISO 11423-1, USEPA 8270 E, Purge and Trap or Headspace followed by GC-MS

Xylene: With reference to ISO 11423-1, USEPA 8260 D, Purge and Trap or Headspace followed by GC-MS

Toluene: With reference to ISO 11423-1, USEPA 8260 D or HJ 1067

Test Items	CAS no.	Reporting Limit	Result		Unit
			High-pollution Untreated wastewater	Low-pollution Untreated wastewater	
Benzene	71-43-2	Textile and Leather: 1	ND	ND	µg/L
Xylene	1330-20-7	Textile: 1	ND	ND	µg/L
o-cresol	95-48-7	Textile and Leather: 1	ND	ND	µg/L
p-cresol	106-44-5	Textile and Leather: 1	ND	ND	µg/L
m-cresol	108-39-4	Textile and Leather: 1	ND	ND	µg/L
Toluene	108-88-3	Textile: 1 (Sample and Report only for mock leather)	ND	ND	µg/L



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1 µg/L = 0.001 ppm

Remark

- ND = Not detected
- NA = Not applicable
- = Not required to be tested

SLUDGE

23. Sludge Parameters - Step 1 – Conventional

pH: USEPA 9045 D or HJ 962

% Solids: USEPA 160.3 or HJ 613 at 105°C

Paint Filter Test: USEPA SW-846 or USEPA 9095 B

Fecal Coliform: USEPA 1681

Test Items	CAS no.	Limit							Reporting Limit	Result	Unit
		Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G		Sludge	
pH	-	Sample and Report Only	Sample and Report Only	5-11	5-11	5-11	6.5-9	6.5-9	-	8.91	s.u.
% Solids	-	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	-	48.5	%
Paint Filter Test	-	Sample and Report Only	Sample and Report Only	Sample and Report Only	Pass	Pass	Pass	Sample and Report Only	-	Pass	-
Fecal Coliform	-	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	1000	1000	1000	ND	MPN/g



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24. Sludge Parameters – Step 1 – Anions

Preparation: USEPA 9013

Analysis: USEPA 9014, USEPA 9213 or HJ 745

Test Items	CAS no.	Limit – Dry weight							Reporting Limit (Textile)	Result	Unit
		Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G		Sludge	
Cyanide	-	Sample and Report Only	Sample and Report Only	100	85	70	70	70	20	ND	mg/kg

25. Sludge Parameters – Step 1 – Metals

Sb, As, Cr, Co, Cd, Cu, Pb, Ni, Zn: Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803

Cr VI: Preparation: USEPA 3060 A Analysis: USEPA 7196 or USEPA 7199

Ba, Se, Ag: Preparation: USEPA 3050 Analysis: USEPA 6010 D or USEPA 6020 B

Hg: Preparation: option 1: USEPA 7471 B option 2: USEPA 3051 A Analysis: option 1: USEPA 7471 B, option 2: USEPA 6020 B or GB/T 22105.1 or HJ 923

Test Items	CAS no.	Limit – Dry weight		Reporting Limit	Result	Unit
		Total Metals Threshold Values*	Max Total Metals limit for Pathway G		Sludge	
Arsenic (As)	Various	10	75	Textile: 5 Leather 2	ND	mg/kg
Cadmium (Cd)	Various	3	85	Textile: 1 Leather 2	ND	mg/kg
Mercury (Hg)	Various	1	57	Textile: 1 Leather 0.2	ND	mg/kg
Lead (Pb)	Various	10	840	Textile: 5 Leather 2	8	mg/kg
Antimony (Sb)	Various	12	Sample and Report Only	Textile: 5	10	mg/kg
Cobalt (Co)	Various	1600	Sample and Report Only	Textile: 400	ND	mg/kg
Nickel (Ni)	Various	70	420	Textile: 20	ND	mg/kg
Silver (Ag)	Various	100	Sample and Report Only	Textile: 50	ND	mg/kg
Copper (Cu)	Various	200	4300	Textile: 50	218	mg/kg



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Zinc (Zn)	Various	1000	7500	Textile: 400	ND	mg/kg
Total Chromium (Cr)	Various	100	3000	Textile: 50	ND	mg/kg
Chromium VI (Cr VI)	Various	50	50	Textile: 20 Leather 2	ND	mg/kg
Barium (Ba)	Various	700	Sample and Report Only	Textile: 200	ND	mg/kg
Selenium (Se)	Various	10	100	Textile: 5	16	mg/kg

* Leachate should be tested if Total Metals Threshold Values is exceeded in sludge.

26. Sludge Parameters - Step 1 - MRSL - Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers

NP/OP: Preparation: With reference to USEPA 3540 / 3541 - Soxhlet or USEPA 3550 - Ultrasonic

Analysis: With reference to ISO 18857-2 or ASTM D7065

NPEO/OPEO: Preparation: With reference to USEPA 3540 / 3541 - Soxhlet or USEPA 3550 - Ultrasonic

Analysis: With reference to ISO 18254-1, ISO 18857-2 or ASTM D7065

Test Items	CAS no.	Limit – Dry weight							Reporting Limit (Textile and Leather)	Result	Unit
		Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G		Sludge	
Octylphenol (OP)	140-66-9/ 1806-26-4/ 27193-28-8	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.4	0.4	0.4	0.4	0.4	ND	mg/kg
Nonylphenol (NP)	104-40-5/ 11066-49-2 / 25154-52-3 / 84852-15-3	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.4	0.4	0.4	0.4	0.4	ND	mg/kg
Octylphenoethoxylates (OPEOs)	9002-93-1/9036-19-5 /68987-90-6	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.4	0.4	0.4	0.4	0.4	ND	mg/kg
Nonylphenoethoxylates (NPEOs)	9016-45-9/26027-38-3 / 37205-87-1/ 68412-54-4/ 127087-87-0	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.4	0.4	0.4	0.4	0.4	ND	mg/kg



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

Preparation: With reference to USEPA 3540 / 3541 - Soxhlet or USEPA 3550 - Ultrasonic

Clean-up: With reference to USEPA 3640

Analysis: With reference to USEPA 8270 E or HJ 805-2016

Test Items	CAS no.	Limit – Dry weight							Reporting Limit (Textile)	Result	Unit
		Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G		Sludge	
Benzo(a)pyrene (BaP)	50-32-8	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Anthracene	120-12-7	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Pyrene	129-00-0	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Benzo(ghi)perylene	191-24-2	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Benzo(e)pyrene	192-97-2	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Indeno (1,2,3-cd)pyrene	193-39-5	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Benzo(j)fluoranthene	205-82-3	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Benzo(b)fluoranthene	205-99-2	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Fluoranthene	206-44-0	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Benzo(k)fluoranthene	207-08-09	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg



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Acenaphthylene	208-96-8	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Chrysene	218-01-9	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Dibenz(a,h)anthracene	53-70-3	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Benzo(a)anthracene	56-55-3	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Acenaphthene	83-32-9	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Phenanthrene	85-01-8	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Fluorene	86-73-7	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Naphthalene	91-20-3	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg

28. Sludge Parameters - Step 1 - MRSL – Chlorotoluenes

Preparation: With reference to USEPA 3540 / 3541 - Soxhlet or USEPA 3550 - Ultrasonic

Clean-up: With reference to USEPA 3640

Analysis: With reference to USEPA 8270 E or HJ 605

Test Items	CAS no.	Limit – Dry weight							Reporting Limit (Textile and Leather)	Result	Unit
		Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G		Sludge	
2-Chlorotoluene	95-49-8	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
3-Chlorotoluene	108-41-8	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg



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4-Chlorotoluene	106-43-4	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
2,3-Dichlorotoluene	32768-54-0	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
2,4-Dichlorotoluene	95-73-8	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
2,5-Dichlorotoluene	19398-61-9	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
2,6-Dichlorotoluene	118-69-4	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
3,4-Dichlorotoluene	95-75-0	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
3,5-Dichlorotoluene	25186-47-4	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
2,3,4-Trichlorotoluene	7359-72-0	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
2,3,6-Trichlorotoluene	2077-46-5	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
2,4,5-Trichlorotoluene	6639-30-1	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
2,4,6-Trichlorotoluene	23749-65-7	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
3,4,5-Trichlorotoluene	21472-86-6	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
2,3,4,5-Tetrachlorotoluene	76057-12-0	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
2,3,5,6-	29733-70-8	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg



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Tetrachlorotoluene		and Report Only	and Report Only	and Report Only							
2,3,4,6-Tetrachlorotoluene	875-40-1	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg
Pentachlorotoluene	877-11-2	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2	0.2	0.2	0.2	0.2	ND	mg/kg

LEACHATE

29. Leachate Parameters - Step 2 – Metals

Cu, Se: Leachate Extraction: USEPA 1311 or USEPA 3051 A Analysis: ISO 11885, ISO 17294-2, USEPA 200.7, USEPA 200.8, USEPA 6010 C or USEPA 6020 A

Test Items	CAS no.	Limit							Reporting Limit	Result	
		Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G		Leachate	Unit
Copper (Cu)	Various	Sample and Report Only	Sample and Report Only	25	17.5	10	10	10	0.25	ND	mg/L
Selenium (Se)	Various	Sample and Report Only	Sample and Report Only	1	0.75	0.5	0.5	0.5	0.5	ND	mg/L

Remark

- ND = Not detected
- NA = Not applicable
- NC = Not conducted
- = Not required to be tested



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Annex A: Sampling photos & Sampling locations

High-pollution UNTREATED WASTEWATER
GPS Data: 24°53'04.55" N, 118°36'39.02" E
SAMPLING LOCATION, CLOSE-UP VIEW



SAMPLING LOCATION, FAR VIEW



Low-pollution UNTREATED WASTEWATER
GPS Data: 24°53'01.55" N, 118°36'39.30" E
SAMPLING LOCATION, CLOSE-UP VIEW



SAMPLING LOCATION, FAR VIEW



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EFFLUENT	SLUDGE
GPS Data: 24°53'00.77" N, 118°36'38.99" E	GPS Data: 24°53'01.69" N, 118°36'42.13" E
SAMPLING LOCATION, CLOSE-UP VIEW	SAMPLING LOCATION, CLOSE-UP VIEW
	
SAMPLING LOCATION, FAR VIEW	SAMPLING LOCATION, FAR VIEW
	



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Annex B: On-site Field Data Record Sheet HIGH-POLLUTION UNTREATED WASTEWATER



受控编号: ZHDC-6_水质采样记录_v3.0_20240101

水质采样记录 Water Sampling Records

任务单号 Task Number: 46689TX 采样日期 Sampling Date: 2024, 3, 1 委托单位 Client: _____
天气状况 Weather Conditions: 小雨转阴 水体类型 Type of Water: 高治原废水 受控单位 Factory: 泉州南新漂染有限公司
其他仪器设备 (名称、编号) Other instruments and equipment (name, number): TX-282-7
参考采样规范 Reference Sampling Specification: ZHDC Wastewater and Sludge Laboratory Sampling and Analysis Plan (SAP) HJ/T 91-2002
 《地表水环境质量监测网监测任务作业指导书》 其他 Others:

样品编号 Sample Number	采样位置 Sampling Location	采样时间 Sampling Time (Hours)	温度 Temp (°C)		pH值 (无量纲)	溶解氧 Dissolved Oxygen (mg/L)	总氯 Total Chlorine (mg/L)	废水流量 Wastewater Flow Meter (m3/day)	交替测量流量 Alternate Measured Flow		采样体积 Sample Volume (mL)	容器材质 Container Material	保存方式 Storage Method	可见颜色 Visible Colour	持久性泡沫 Persistent Foam (Yes/No)
			废水排放 Wastewater Discharge	接收水体 Receiving Water					深度 Depth (cm)	速度 Velocity (cm/s)					
02	高治原出水	0 9:30	33		8.9						19L	P.G. UA	1,2,3,4	深褐色	NO
		1 10:30	34		8.8									深褐色	NO
		2 11:30	34		8.9									深褐色	NO
		3 12:30	33		8.9									深褐色	NO
		4 13:30	33		8.9			工厂过往12个月排放总量: Total Industrial Wastewater generated over a 12 months:						深褐色	NO
		5 14:30	33		8.9									深褐色	NO
		6 15:30	33		8.9			工厂过往12个月开工天数: Total working days in a 12 month period:						深褐色	NO
均值 Average			33		8.9									深褐色	NO

备注: 容器材质: P代表PE瓶, G代表玻璃瓶; VOA vial代表棕色玻璃瓶; ST Steel代表不锈钢; G-TLC 代表盖子带有同颜色内衬的棕色玻璃瓶; P(A) 代表酸洗过的塑料瓶; G(A) = Glass (Acid Washed)酸洗过的玻璃瓶。
Container material: P for PE bottles, G for glass bottles, VOA vial for brown glass bottles, ST.Steel for stainless steel, G-TLC for brown glass bottles with Teflon lining lids. P(A) for pickled plastic bottles, G(A) = Glass (Acid Washed) for pickled glass bottles.
水质外观: 水体颜色、气味、有无漂浮物等。 Apparent water quality: water color, smell, presence or absence of floating objects, etc.
周边环境: 有无排污口, 是否排水区、回水区, 有无居民区、工业区, 有无居民区、工业区和农药化肥使用区等。
Surrounding environment: whether there is a sewage outlet, whether there is a stagnant water area, a badwater area, whether there is a residential area, an industrial area, whether there is a residential area, an industrial area and a pesticide and fertilizer use area, etc.
保存方式 Storage method: 1.标签完好 Unbroken label 2.冷藏 Refrigeration 3.避光 Protect from light 4.减振减幅 Vibration reduction 5.其他 Others:

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其他现场信息: Additional on-site information

采样员 Sampler: RLSW 审核员 Reviewer: 李阿一 客户确认 Client Confirmation: 李树彬

Effective Date: 01/01/2024

Page: 1/1



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LOW-POLLUTION UNTREATED WASTEWATER



受控编号: ZHDC-6_水质采样记录_v3.0_20240101

水质采样记录 Water Sampling Records

任务单号 Task Number: 46689TX 采样日期 Sampling Date: 2024, 3, 1 委托单位 Client: 泉州南新源染有限公司
天气状况 Weather Conditions: 小雨转阴 水体类型 Type of Water: 生活污水 受检单位 Factory: 泉州南新源染有限公司
其他仪器设备 (名称、编号) Other instruments and equipment (name, number): TX-282-7
参考采样规范 Reference Sampling Specification: ZHDC Wastewater and Sludge Laboratory Sampling and Analysis Plan (SAP) HJT 91-2002
 《地表水环境质量监测网监测任务作业指导书》 其他 Others:

样品编号 Sample Number	采样位置 Sampling Location	采样时间 Sampling Time (Hours)	温度 Temp (°C)		pH值 (无量纲)	溶解氧 Dissolved Oxygen (mg/L)	总氯 Total Chlorine (mg/L)	废水流量 Wastewater Flow Meter (m3/day)	交替测量流量 Alternate Measured Flow		采样体积 Sample Volume (mL)	容器材质 Container Material	保存方式 Storage Method	可见颜色 Visible Colour	持久性泡沫 Persistent Foam (Yes/No)
			废水排放 Wastewater Discharge	接收水体 Receiving Water					深度 Depth (cm)	速度 Velocity (cm/s)					
01	生活污水	9:10	32		8.9						19L	P.P. Vial	1,2,3,4	褐色	NO
		10:10	33		8.8									褐色	NO
		11:10	32		8.9									褐色	NO
		12:10	33		8.9									褐色	NO
		13:10	33		8.9			工厂过往12个月排放总量: Total Industrial Wastewater generated over a 12 months:						褐色	NO
		14:10	33		8.9									褐色	NO
		15:10	33		8.9			工厂过往12个月开工天数: Total working days in a 12 month period:						褐色	NO
均值 Average			33		8.9									褐色	NO

备注: 容器材质: P代表PE瓶, G代表玻璃瓶; VOA vial代表棕色玻璃瓶; ST.Steel代表不锈钢; G-TLC 代表盖子带有四氟龙内衬的棕色玻璃瓶; P(A) 代表酸洗过的塑料瓶; G(A) = Glass (Acid Washed)酸洗过的玻璃瓶。
Container material: P for PE bottles, G for glass bottles, VOA vial for brown glass bottles, ST.Steel for stainless steel, G-TLC for brown glass bottles with Teflon lining lids, P(A) for pickled plastic bottles.
G(A) = Glass (Acid Washed) for pickled glass bottles.
水质表现: 水体颜色、气味、有无悬浮物等。 Apparent water quality: water color, smell, presence or absence of floating objects, etc.
周边环境: 有无排污口, 是否死水区、回水区, 有无居民区、工业区, 有无居民区、工业区和农药化肥使用区等。
Surrounding environment: whether there is a sewage outlet, whether there is a stagnant water area, a backwater area, whether there is a residential area, an industrial area, whether there is a residential area, an industrial area and a pesticide and fertilizer use area, etc.
保存方式 Storage method: 1.标签完好 Unbroken label 2.冷藏 Refrigeration 3.避光 Protect from light 4.减振减噪 Vibration reduction 5.其他 Others:

照片拍摄时间 Time of Photo: 10:15
其他现场信息: Additional on-site information

采样员 Sampler: Amw 审核员 Reviewer: 李阿一 客户确认 Client Confirmation: 李阿一

Effective Date: 01/01/2024

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EFFLUENT



受控编号: ZHDC-6_水质采样记录_v3.0_20240101

水质采样记录 Water Sampling Records

任务单号 Task Number: 46689TX 采样日期 Sampling Date: 2024, 3, 1 委托单位 Client: _____
 天气状况 Weather Conditions: 小雨转阴 水体类型 Type of Water: 排放废水 受检单位 Factory: 泉州南新漂染有限公司
 其他仪器设备 (名称、编号) Other instruments and equipment (name, number): TX-297-3 TX-296-3 TX-282-7
 参考采样规范 Reference Sampling Specification: ZDHC Wastewater and Sludge Laboratory Sampling and Analysis Plan (SAP) HJT 91-2002
 《地表水环境质量监测网监测任务作业指导书》 其他 Others:

样品编号 Sample Number	采样位置 Sampling Location	采样时间 Sampling Time (Hours)	温度 Temp (°C)		pH值 (无量纲)	溶解氧 Dissolved Oxygen (mg/L)	总氯 Total Chlorine (mg/L)	废水流量 Wastewater Flow Meter (m3/day)	交替测量流量 Alternate Measured Flow		采样体积 Sample Volume (mL)	容器材质 Container Material	保存方式 Storage Method	可见颜色 Visible Colour	持久性泡沫 Persistent Foam (Yes/No)
			废水排放 Wastewater Discharge	接收水体 Receiving Water					深度 Depth (cm)	速度 Velocity (cm/s)					
03	排放废水	0 9:00	27	8.5	8.5	0.2	0.1	1507 m ³ /d			19L	P.G.VOA	1,2,3,4	淡黄	NO
		1 10:00	27	8.5	8.5	0.2	0.1							淡黄	NO
		2 11:00	28	8.5	8.5	0.2	0.1							淡黄	NO
		3 12:00	28	8.5	8.5	0.2	0.1							淡黄	NO
		4 13:00	27	8.5	8.5	0.2	0.1							淡黄	NO
		5 14:00	27	8.5	8.5	0.2	0.1							淡黄	NO
		6 15:00	27	8.5	8.5	0.2	0.1							淡黄	NO
均值 Average			27	8.5	8.5	0.2	0.1							淡黄	NO

工厂过往12个月排放总量:
Total Industrial Wastewater generated over a 12 months:
456712 m³
工厂过往12个月开工天数: 303 d
Total working days in a 12 month period:

备注: 容器材质: P代表PE瓶, G代表玻璃瓶; VOA vial代表棕色玻璃瓶; ST Steel代表不锈钢; G-TLC代表盖子带呼吸孔的棕色玻璃瓶; P(A)代表酸洗过的塑料瓶; G(A) = Glass (Acid Washed)酸洗过的玻璃瓶。
Container material: P for PE bottles, G for glass bottles, VOA vial for brown glass bottles, ST.Steel for stainless steel, G-TLC for brown glass bottles with Teflon lining lids, P(A) for pickled plastic bottles, G(A) = Glass (Acid Washed) for pickled glass bottles.
水质表现: 水体颜色、气味、有无漂浮物等。 Apparent water quality: water color, smell, presence or absence of floating objects, etc.
周边环境: 有无排污口、是否排水区、回水区、有无居民区、工业区、农业和畜牧业使用区等。
Surrounding environment: whether there is a sewage outlet, whether there is a stagnant water area, a backwater area, whether there is a residential area, an industrial area, whether there is a residential area, an industrial area and a pesticide and fertilizer use area, etc.
保存方式 Storage method: 1.标签完好 Unbroken label 2.冷藏 Refrigeration 3.避光 Protect from light 4.减振措施 Vibration reduction 5.其他 Others:

采样员 Sampler: Antor 审核员 Reviewer: 许习 客户确认 Client Confirmation: 郭树华

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SLUDGE



受控编号: ZHDC-7_土壤采样原始记录_v2.0_20240101

土壤采样记录 Soil Sampling Records

任务单号Task Number: 46689TX

采样日期Sampling Date: 2024, 3, 1

委托单位Client: _____

天气状况Weather Conditions: 小雨转阴

采样仪器Sampling Instrument: -

受检单位Factory: 泉州南新漂染有限公司

参考采样规范: ZHDC Wastewater and Sludge Laboratory Sampling and Analysis Plan (SAP) 其他: _____

样品编号 Sample Number	采样位置/GPS Sampling Location	采样时间 Sampling Time (Hours)	采样量 Sample Size	容器材质 Container Material	采样深度 Sampling Depth	样品描述 Sample Description	GPS	备注 Remark
04	污泥席	10:52	3kg	G1	-	黑色	N24°53'01.69" E118°36'42.13"	
备注 Remarks: 容器材质:G代表玻璃瓶 Container Material:G stands for glass bottle						照片拍摄时间Time of Photo: <u>10:53</u>		
<input checked="" type="checkbox"/> 样品现场密封Samples are sealed in the field								
采样现场周围异味Odor around the sampling site: <input type="checkbox"/> 恶臭foul odor <input type="checkbox"/> 很臭very smelly <input type="checkbox"/> 臭smelly <input checked="" type="checkbox"/> 微臭slightly smelly <input type="checkbox"/> 其他Others _____ :								

采样员Sampler: A. N. ...

审核员Reviewer: 许...

客户确认Client Confirmation: 李... 附... 附...



Annex C: Limit according to regulation / Contract limit with centralized ETP (if proceed)

表 9 废水污染物排放

序号	排放口编号	排放口名称	污染物种类	许可排放浓度限值	第一年
					主要排放口
1	DW001	废水总排口	五日生化需氧量	20mg/L	/
2	DW001	废水总排口	化学需氧量	80mg/L	/
3	DW001	废水总排口	苯胺类	1mg/L	/
4	DW001	废水总排口	悬浮物	50mg/L	/
5	DW001	废水总排口	pH 值	6-9	/
6	DW001	废水总排口	总氮 (以 N 计)	15mg/L	/
7	DW001	废水总排口	氨氮 (NH ₃ -N)	10mg/L	/
8	DW001	废水总排口	总磷 (以 P 计)	0.5mg/L	/

序号	排放口编号	排放口名称	污染物种类	许可排放浓度限值	第一年
9	DW001	废水总排口	硫化物	0.5mg/L	/
10	DW001	废水总排口	色度	50	/

****END OF REPORT****



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