

TEST REPORT

CLIENT DETAILS

Client Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Client Contact: Chunchao Jiang
Telephone: 15705108709
E-mail: wsx@eastdye.com
Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China

LABORATORY DETAILS

SGS Affiliate: SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd
SGS Contact: Lily Li
Telephone: +86(021) 61072854
E-mail: Lily-Li@sgs.com
Address: The 4th Building, No.889, Yishan Road, Xuhui District, Shanghai, China

FACTORY DETAILS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Contact: Chunchao Jiang
Telephone: 15705108709
E-mail: wsx@eastdye.com
Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China
Types of Mills: (2) Yarn Dyeing, Bleaching
On-Site ETP: Yes
Discharge Destination: To Centralized Waste Water Treatment Plant
Name of Municipal/Centralized ETP: Changzhou Hongyuan Water Co., Ltd.
Address of Municipal/Centralized ETP: No. 8, Ziyang Road, Changzhou City

SAMPLE AND TESTING DETAILS

Sampling Country: SGS China SL
ZDHC Sampler's Certification No.: C74D106818116
Sampling Date: 17-02-2023
Sample Received Date: 18-02-2023
Test Performing Period: 18-02-2023 - 03-03-2023
No. of Samples: Water (3); Sludge (1); Leachate (1)
Sample Descriptions:
 1) Incoming Water (Grab)
 2) Untreated Wastewater (Grab)
 3) Effluent (Grab)
 4) Sludge (Grab)
 5) Leachate
Sample Volume:
 1) Incoming Water (12L)
 2) Untreated Wastewater (12L)
 3) Effluent (4L)
 4) Sludge (1.5Kg)
Testing Institute: SGS Shanghai
Discharge Method: Indirect Discharge

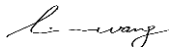
OVERALL RESULTS

	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate
Conventional Parameters / Anions / Metals:	Not Tested	-	Fulfill Aspirational Limit	Not Detected	Not Detected
MRSL Parameters:	Detected	Detected	-	Not Detected	-

REMARKS

- This test document cannot be reproduced in any way, except in full content, without prior approval in writing by the laboratory.
- The results shown in this test report refer only to the sampling and the sample(s) tested unless otherwise stated.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd



Linda Wang
Chemical Manager

RESULT SUMMARY

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.

Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China

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

Note:

X - Detected

O - Not Detected

N/A - Not Tested / Not Applicable

TEST RESULTS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tanning Industrial Textile Park, ChangZhou City, JiangSu Province, China

Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Factory Performances					Local Wastewater Discharged Requirement %	
													Inlet pipe	Raw wastewater collection tank	Discharged waste water outlet	Sludge stacking place	Incoming Water		Untreated Wastewater
Sample ID	52305252341	5230525234	5230525234	-	-	5230525234	-	-	-	-	-	-	-	-	-	-	-	-	-
Date of Sampling	17-02-2023	17-02-2023	17-02-2023	-	-	17-02-2023	-	-	-	-	-	-	-	-	-	-	-	-	-
Sampling Location	Inlet pipe	Raw wastewater collection tank	Discharged waste water outlet	-	-	Sludge stacking place	-	-	-	-	-	-	-	-	-	-	-	-	-
Sampling Start Time	10:20	12:00	11:00	-	-	12:20	-	-	-	-	-	-	-	-	-	-	-	-	-
Sampling End Time	10:30	12:10	11:10	-	-	12:30	-	-	-	-	-	-	-	-	-	-	-	-	-
Date of Sample Received	18-02-2023	18-02-2023	18-02-2023	-	-	18-02-2023	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Colour Description	-	-	-	Colorless	Purple	Pale gray	-	-	Gray	-	-	-	-	-	-	-	-	-	-
Wastewater Flowrate*	-	-	m ³ /day	-	-	4.8x10 ³	-	-	-	-	-	-	-	-	-	-	-	-	-
Sludge Disposal Pathway	-	-	-	-	-	-	-	-	Pathway E	-	-	-	-	-	-	-	-	-	-
Conventional Parameters																			
pH	-	-	-	-	-	7.8	-	-	7.8	-	-	-	-	-	-	-	Not Detected	-	6-9
Paint Filter Test	-	-	-	-	-	-	Pass	-	Pass	-	-	-	-	-	-	-	Not Detected	-	N/A
Fecal Coliform	-	-	-	-	-	-	1000	MPN/g	n.d.	-	-	-	-	-	-	-	Sample and Report Only	-	N/A
Anions																			
Cyanide, Total	-	0.05	mg/L	-	-	-	20	mg/kg	n.d.	-	-	-	-	-	-	-	Not Detected	-	N/A
Metals																			
Total Antimony (Sb)**	7440-36-0	0.01	mg/L	N/A	-	-	5	mg/kg	n.d.	0.01	mg/L	N/A	-	-	-	-	-	-	N/A
Chromium (VI)	7440-47-3, 18540-29-9	0.001	mg/L	N/A	-	n.d.	20	mg/kg	n.d.	0.001	mg/L	N/A	-	-	-	-	Fulfil Aspirational Limit	-	N/A
Total Barium (Ba)	7440-39-3	35	mg/L	N/A	-	-	200	mg/kg	n.d.	35	mg/L	N/A	-	-	-	-	-	-	N/A
Total Selenium (Se)	7782-49-2	0.5	mg/L	N/A	-	-	5	mg/kg	n.d.	0.5	mg/L	N/A	-	-	-	-	-	-	N/A
Total Arsenic (As)	7440-38-2	0.005	mg/L	N/A	-	n.d.	5	mg/kg	n.d.	0.005	mg/L	N/A	-	-	-	-	Fulfil Aspirational Limit	-	N/A
Total Chromium (Cr)	7440-47-3	0.05	mg/L	N/A	-	-	50	mg/kg	88	0.05	mg/L	n.d.	-	-	-	-	-	Not Detected	N/A
Total Cobalt (Co)	7440-48-4	0.01	mg/L	N/A	-	-	400	mg/kg	n.d.	0.01	mg/L	N/A	-	-	-	-	-	-	N/A
Total Cadmium (Cd)	7440-43-9	0.01	mg/L	N/A	-	n.d.	1	mg/kg	n.d.	0.01	mg/L	N/A	-	-	-	-	Fulfil Aspirational Limit	-	N/A
Total Copper (Cu)	7440-50-8	0.25	mg/L	N/A	-	-	50	mg/kg	332	0.25	mg/L	n.d.	-	-	-	-	-	Not Detected	N/A
Total Lead (Pb)	7439-92-1	0.01	mg/L	N/A	-	n.d.	5	mg/kg	9	0.01	mg/L	N/A	-	-	-	-	Fulfil Aspirational Limit	-	N/A
Total Nickel (Ni)	7440-02-0	0.05	mg/L	N/A	-	-	20	mg/kg	50	0.05	mg/L	N/A	-	-	-	-	-	-	N/A
Total Silver (Ag)	7440-22-4	0.005	mg/L	N/A	-	-	50	mg/kg	n.d.	0.005	mg/L	N/A	-	-	-	-	-	-	N/A
Total Zinc (Zn)	7440-66-6	0.1	mg/L	N/A	n.d.	-	400	mg/kg	n.d.	0.1	mg/L	N/A	-	-	-	-	Not Detected	-	N/A
Total Mercury (Hg)	7439-97-6	0.001	mg/L	N/A	-	n.d.	1	mg/kg	n.d.	0.001	mg/L	N/A	-	-	-	-	Fulfil Aspirational Limit	-	N/A
Total Boron (B)	7440-42-8	0.1	mg/L	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	Not Detected	-	N/A
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers																			
Nonylphenol ethoxylates (NPEO)	9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	5	µg/L	N/A	n.d.	-	0.4	mg/kg	n.d.	-	-	-	-	-	-	-	Not Detected	-	Not Detected
Nonylphenol (NP), mixed isomers	11066-49-2, 25154-52-3, 84852-15-3	5	µg/L	N/A	n.d.	-	0.4	mg/kg	n.d.	-	-	-	-	-	-	-	Not Detected	-	Not Detected
Octylphenol ethoxylates (OPEO)	9002-93-1, 9036-19-5, 68987-90-6	5	µg/L	N/A	n.d.	-	0.4	mg/kg	n.d.	-	-	-	-	-	-	-	Not Detected	-	Not Detected
Octylphenol (OP), mixed isomers	140-66-9, 1806-26-4, 27193-28-8	5	µg/L	N/A	n.d.	-	0.4	mg/kg	n.d.	-	-	-	-	-	-	-	Not Detected	-	Not Detected
Anti-Microbials & Biocides																			
o-Phenylphenol (+salts)	90-43-7	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	Not Detected	-	-
Triclosan	3380-34-5	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	Not Detected	-	-
Permethrin	Multiple	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	Not Detected	-	-
Chlorinated Paraffins																			
Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	Not Detected	-	-
Short-chain Chlorinated Paraffin (SCCPs) (C10-C13)	85535-84-8	5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	Not Detected	-	-

TEST RESULTS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China

Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Factory Performances					Local Wastewater Discharged Requirement %
													Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	
													Factory Performances					
Sample ID		52305252341	5230525234	5230525234	-	-	5230525234	-	-	-	-	-						
Date of Sampling		17-02-2023	17-02-2023	17-02-2023	-	-	17-02-2023	-	-	-	-	-						
Sampling Location		Inlet pipe	Raw wastewater collection tank	Discharged waste water outlet	-	-	Sludge stacking place	-	-	-	-	-						
Sampling Start Time		10:20	12:00	11:00	-	-	12:20	-	-	-	-	-						
Sampling End Time		10:30	12:10	11:10	-	-	12:30	-	-	-	-	-						
Date of Sample Received		18-02-2023	18-02-2023	18-02-2023	-	-	18-02-2023	-	-	-	-	-						
													Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent
Chlorobenzenes and Chlorotoluenes																		
Monochlorobenzenes	108-90-7	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1,2-Dichlorobenzene	95-50-1	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1,3-Dichlorobenzene	541-73-1	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1,4-Dichlorobenzene	106-46-7	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1,3,5-Trichlorobenzene	108-70-3	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1,2,3,4-Tetrachlorobenzene	634-66-2	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1,2,3,5-Tetrachlorobenzene	634-90-2	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
1,2,4,5-Tetrachlorobenzene	95-94-3	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Pentachlorobenzene	608-93-5	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Hexachlorobenzene	118-74-1	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2-Chlorotoluene	95-49-8	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
3-Chlorotoluene	108-41-8	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
4-Chlorotoluene	106-43-4	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,3-Dichlorotoluene	32768-54-0	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,4-Dichlorotoluene	95-73-8	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,5-Dichlorotoluene	19398-61-9	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,6-Dichlorotoluene	118-69-4	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
3,4-Dichlorotoluene	95-75-0	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
3,5-Dichlorotoluene	25186-47-4	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,3,4-Trichlorotoluene	7359-72-0	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,3,6-Trichlorotoluene	2077-46-5	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,4,5-Trichlorotoluene	6639-30-1	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,4,6-Trichlorotoluene	23749-65-7	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
3,4,5-Trichlorotoluene	21472-86-6	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,3,4,5-Tetrachlorotoluene	76057-12-0	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,3,5,6-Tetrachlorotoluene	29733-70-8	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
2,3,4,6-Tetrachlorotoluene	875-40-1	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
Pentachlorotoluene	877-11-2	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-
Chlorophenols																		
2-Chlorophenol	95-57-8	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
3-Chlorophenol	108-43-0	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
4-Chlorophenol	106-48-9	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-

TEST RESULTS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tanning Industrial Textile Park, ChangZhou City, JiangSu Province, China

		Sample ID	52305252341 901-01	5230525234 1901-03	5230525234 1901-02	-	-	5230525234 1901-04	-	-	-	Factory Performances					Local Wastewater Discharged Requirement %	
		Date of Sampling	17-02-2023	17-02-2023	17-02-2023	-	-	17-02-2023	-	-	-							
		Sampling Location	Inlet pipe	Raw wastewater collection tank	Discharged waste water outlet	-	-	Sludge stacking place	-	-	-							
		Sampling Start Time	10:20	12:00	11:00	-	-	12:20	-	-	-							
		Sampling End Time	10:30	12:10	11:10	-	-	12:30	-	-	-							
		Date of Sample Received	18-02-2023	18-02-2023	18-02-2023	-	-	18-02-2023	-	-	-							
Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent
2,3-Dichlorophenol	576-24-9	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,4-Dichlorophenol	120-83-2	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,5-Dichlorophenol	583-78-8	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,6-Dichlorophenol	87-65-0	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
3,4-Dichlorophenol	95-77-2	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
3,5-Dichlorophenol	591-35-5	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,3,4-Trichlorophenol	15950-66-0	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,3,5-Trichlorophenol	933-78-8	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,3,6-Trichlorophenol	933-75-5	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,4,5-Trichlorophenol	95-95-4	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,4,6-Trichlorophenol	88-06-2	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
3,4,5-Trichlorophenol	609-19-8	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Pentachlorophenol (PCP)	87-86-5	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Dimethyl Formamide (DMFa)																		
Dimethyl formamide; N,N-dimethylformamide (DMFa)***	68-12-2	1000	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Dyes - Carcinogenic or Equivalent Concern																		
Basic Violet 3 with >0.1% of Michler's Ketoneb	548-62-9	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Acid Red 26	3761-53-3	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Acid Violet 49	1694-09-3	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Basic Blue 26 with Michler's Ketone >0.1%	2580-56-5	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Basic Green 4 (Malachite Green Chloride) ^a	569-64-2	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Basic Green 4 (Malachite Green Oxalate) ^a	2437-29-8	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Basic Green 4 (Malachite Green)	10309-95-2	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Basic Red 9	569-61-9	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Basic Violet 14	632-99-5	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Direct Black 38	1937-37-7	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Direct Blue 6	2602-46-2	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Direct Red 28	573-58-0	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Disperse Blue 1	2475-45-8	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
C.I. Disperse Blue 3	2475-46-9	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Disperse Orange 11	82-28-0	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-
Dyes - Disperse (Allergenic)																		

TEST RESULTS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China

Items	Sample ID												Factory Performances					Local Wastewater Discharged Requirement %
	Date of Sampling																	
	Sampling Location																	
	Sampling Start Time																	
	Sampling End Time																	
	Date of Sample Received																	
CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent	
Disperse Blue 102	12222-97-8	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Blue 106	12223-01-7	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Blue 124	61951-51-7	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Blue 26	3860-63-7	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Blue 35	12222-75-2, 56524-77-7	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Blue 7	3179-90-6	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Brown 1	23355-64-8	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Orange 1	2581-69-3	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Orange 3	730-40-5	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Orange 37/59/76	13301-61-6	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Red 1	2872-52-8	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Red 11	2872-48-2	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Red 17	3179-89-3	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Yellow 1	119-15-3	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Yellow 3	2832-40-8	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Yellow 39	12236-29-2	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Yellow 49	54824-37-2	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Disperse Yellow 9	6373-73-5	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Dyes - Navy Blue Colourant																		
Component 1: C39H23Cl-CrN7O12S 2Na	118685-33-9	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Component 2: C46H-30CrN10O20S2 3Na	Not Allocated	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Flame Retardants																		
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Bis(2,3-dibromopropyl) phosphate (BIS)	5412-25-9	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Decabromodiphenyl ether (DecaBDE)	1163-19-5	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Hexabromocyclodecane (HBCDD)	3194-55-6	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Polybromobiphenyls (PBB)	59536-65-1	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tetrabromobisphenol A (TBBPA)	79-94-7	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tris(1-aziridinyl)phosphine oxide (TEPA)	545-55-1	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Tris(2,3-dibromopropyl)-phosphate (TRIS)	126-72-7	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	

TEST RESULTS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tanning Industrial Textile Park, ChangZhou City, JiangSu Province, China

Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Factory Performances					Local Wastewater Discharged Requirement %																																																																																							
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Decabromobiphenyl (DecaBB)	13654-09-6	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Dibromobiphenyls (DIBB)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Octabromobiphenyls (OctaBB)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Dibromopropylether	21850-44-2	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Monobromobiphenyls (MonoBB)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Monobromodiphenylethers (MonoBDEs)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Nonabromobiphenyls (NonaBB)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Tribromodiphenylethers (TriBDEs)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Boric acid	10043-35-3, 11113-50-1	100	µg/L	N/A	See Total Boron (B) Result	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Diboron trioxide	1303-86-2	100	µg/L	N/A	See Total Boron (B) Result	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Disodium octaborate	12008-41-2	100	µg/L	N/A	See Total Boron (B) Result	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Disodium tetraborate anhydrous	1303-96-4, 1330-43-4	100	µg/L	N/A	See Total Boron (B) Result	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Tetraboron disodium heptaoxide, hydrate	12267-73-1	100	µg/L	N/A	See Total Boron (B) Result	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Glycols / Glycol Ethers																																																																																																									
2-ethoxyethanol	110-80-5	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
2-ethoxyethyl acetate	111-15-9	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
2-methoxyethanol	109-86-4	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
2-methoxyethylacetate	110-49-6	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
2-methoxypropylacetate	70657-70-4	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Bis(2-methoxyethyl)-ether	111-96-6	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Ethylene glycol dimethyl ether	110-71-4	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Triethylene glycol dimethyl ether	112-49-2	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Halogenated Solvents																																																																																																									
1,2-Dichloroethane	107-06-2	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Methylene chloride	75-09-2	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Tetrachloroethylene	127-18-4	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Trichloroethylene	79-01-6	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-																																																																																							
Organotin Compounds																																																																																																									
Dipropyltin compounds (DPT)	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-																																																																																							
Mono-, di- and tri-butyltin derivatives	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-																																																																																							
Monobutyltin (MBT)	1118-46-3, 78763-54-9	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-																																																																																							

TEST RESULTS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China

Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Factory Performances					Local Wastewater Discharged Requirement %				
													Sample ID	52305252341	5230525234	5230525234	5230525234		1901-01	1901-03	1901-02	1901-04
													Date of Sampling	17-02-2023	17-02-2023	17-02-2023	17-02-2023		-	-	-	-
													Sampling Location	Inlet pipe	Raw wastewater collection tank	Discharged waste water outlet	Sludge stacking place		-	-	-	-
													Sampling Start Time	10:20	12:00	11:00	12:20		-	-	-	-
													Sampling End Time	10:30	12:10	11:10	12:30		-	-	-	-
Date of Sample Received	18-02-2023	18-02-2023	18-02-2023	18-02-2023	-	-	-	-														
Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent								
Dibutyltin (DBT)	1002-53-5	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Tributyltin (TBT)	56573-85-4	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Mono-, di- and tri-methyltin derivatives	Multiple	0.01	µg/L	0.01	0.04	-	-	-	-	-	-	-	Detected	Detected	-	-	-	-				
Monomethyltin (MMT)	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Dimethyltin (DMT)	Multiple	0.01	µg/L	0.01	0.04	-	-	-	-	-	-	-	Detected	Detected	-	-	-	-				
Trimethyltin (TMT)	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Mono-, di- and tri-octyltin derivatives	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Monooctyltin (MOT)	15231-57-9	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Diocetyl tin (DOT)	94410-05-6, 12531-44-4	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Triocetyl tin (TOT)	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Mono-, di- and tri-phenyltin derivatives	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Monophenyltin (MPHT)	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Diphenyltin (DPHT)	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Triphenyltin (TPHT)	892-20-6, 668-34-8	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Tetrabutyltin compounds (TeBT)	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Tripropyltin Compounds (TPT)	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Tetraoctyltin compounds (TeOT)	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Tricyclohexyltin (TCyHT)	Multiple	0.01	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-				
Tetraethyltin Compounds (TeET)	Multiple	0.01	µg/L	0.06	0.18	-	-	-	-	-	-	-	Detected	Detected	-	-	-	-				
Other/Miscellaneous Chemicals																						
AEA [2-(2-aminoethylamino) ethanol]	111-41-1	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
Bisphenol A	80-05-7	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
Thiourea	62-56-6	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
Quinoline	91-22-5	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
Borate, zinc salt	12767-90-7	100	µg/L	N/A	See Total Zinc (Zn) & Total Boron (B) Results	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
Perfluorinated and Polyfluorinated Chemicals (PFCs)																						
Perfluorooctane sulfonate (PFOS)****	1763-23-1	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
N-ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
N-methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)	24448-09-7	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
Perfluorooctane sulfonamide (PFOSA)	754-91-6	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
Perfluorooctanoic acid (PFOA)*****	335-67-1	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	39108-34-4	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	-				

TEST RESULTS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tanning Industrial Textile Park, ChangZhou City, JiangSu Province, China

Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Factory Performances					Local Wastewater Discharged Requirement %
													Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	
													Factory Performances					Local Wastewater Discharged Requirement %
Sample ID				52305252341	5230525234	5230525234	-	-	5230525234	-	-	-						
Date of Sampling				17-02-2023	17-02-2023	17-02-2023	-	-	17-02-2023	-	-	-						
Sampling Location				Inlet pipe	Raw wastewater collection tank	Discharged waste water outlet	-	-	Sludge stacking place	-	-	-						
Date of Sample Received				18-02-2023	18-02-2023	18-02-2023	-	-	18-02-2023	-	-	-						
Sampling Start Time				10:20	12:00	11:00	-	-	12:20	-	-	-						
Sampling End Time				10:30	12:10	11:10	-	-	12:30	-	-	-						
Phthalates - including all other esters of ortho-phthalic acid																		
Methyl Perfluorooctanoate (Me-PFOA)	376-27-2	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Ethyl Perfluorooctanoate (Et-PFOA)	3108-24-5	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)	27905-45-9	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
8:2 Fluorotelomer methacrylate (8:2 FTMA)	1996-88-9	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
1,2-benzenedicarboxylic acid, di-C6-8 branched and linearalkyl esters, C7-rich (DIHP)	71888-89-6, 84777-06-0	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
1,2-benzenedicarboxylic acid, di-C7-11 branched and linearalkyl esters (DHNUP)	68515-42-4, 68515-50-4	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Butyl benzyl phthalate (BBP)	85-68-7	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Di-isobutyl phthalate (DIBP)	84-69-5	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Di-isononyl phthalate (DINP)	28553-12-0	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Di-n-hexyl phthalate (DnHP)	84-75-3	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Di-n-octyl phthalate (DNOP)	117-84-0	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Di-n-pentylphthalates	131-18-0	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Di-n-propyl phthalate (DPRP)	131-16-8	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Di(ethylhexyl) phthalate (DEHP)	117-81-7	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Dibutyl phthalate (DBP)	84-74-2	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Diethyl phthalate (DEP)	84-66-2	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Disopentylphthalates	605-50-5	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Dinonyl phthalate (DNP)	84-76-4	10	µg/L	N/A	n.d.	-	-	-	-	-	-	-	-	Not Detected	-	-	-	
Polycyclic Aromatic Hydrocarbons (PAHs)																		
Acenaphthene	83-32-9	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	
Acenaphthylene	208-96-8	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	
Anthracene	120-12-7	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	
Benzo[a]anthracene	56-55-3	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	
Benzo[a]pyrene (BaP)	50-32-8	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	
Benzo[b]fluoranthene	205-99-2	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	
Benzo[e]pyrene	192-97-2	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	
Benzo[ghi]perylene	191-24-2	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	
Benzo[j]fluoranthene	205-82-3	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	

TEST RESULTS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China

Items	Sample ID													Factory Performances					Local Wastewater Discharged Requirement %
	Date of Sampling																		
	Sampling Location																		
	Sampling Start Time																		
	Sampling End Time																		
Date of Sample Received																			
CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent		
Benzo[k]fluoranthene	207-08-9	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-	
Chrysene	218-01-9	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-	
Dibenz[a,h]anthracene	53-70-3	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-	
Fluoranthene	206-44-0	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-	
Fluorene	86-73-7	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-	
Indeno[1,2,3-cd]pyrene	193-39-5	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-	
Naphthalene	91-20-3	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-	
Phenanthrene	85-01-8	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-	
Pyrene	129-00-0	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	-	Not Detected	-	Not Detected	-	-	
Restricted Aromatic Amines (Cleavable from Azo-colourants)																			
2-naphthylamine	91-59-8	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
2-Naphthylammoniumacetate ^A	553-00-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
2,4-xylidine	95-68-1	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
2,4,5-trimethylaniline	137-17-7	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
2,4,5-trimethylaniline hydrochloride ^A	21436-97-5	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
2,6-xylidine	87-62-7	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
3,3'-dichlorobenzidine	91-94-1	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
3,3-dimethoxybenzidine	119-90-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
3,3-dimethylbenzidine	119-93-7	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4-aminoazobenzene	60-09-3	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4-aminodiphenyl	92-67-1	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4-chloro-o-toluidine	95-69-2	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4-chloro-o-toluidinium chloride ^A	3165-93-3	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4-chloroaniline	106-47-8	0.1	µg/L	n.d.	0.7	-	-	-	-	-	-	-	Not Detected	Detected	-	-	-	-	
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate ^A	39156-41-7	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4-methoxy-m-phenylenediamine	615-05-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4-methyl-m-phenylenediamine	95-80-7	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4,4-methylenebis-(2-chloro-aniline)	101-14-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4,4-methylenedi-o-toluidine	838-88-0	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4,4-methylenedianiline	101-77-9	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4,4-oxydianiline	101-80-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
4,4-thiodianiline	139-65-1	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	

TEST RESULTS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China

Items	Sample ID												Factory Performances					Local Wastewater Discharged Requirement %
	Date of Sampling																	
	Sampling Location																	
	Sampling Start Time																	
	Sampling End Time																	
	Date of Sample Received																	
CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	SludgeΦ	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent	
5-nitro-o-toluidine	99-55-8	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
6-methoxy-m-toluidine	120-71-8	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
Benzidine	92-87-5	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
o-aminoazotoluene	97-56-3	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
o-anisidine	90-04-0	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
o-toluidine	95-53-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-	
UV Absorbers																		
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphenol (UV-326)	25973-55-1	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
2-benzotriazol-2-yl-4,6-ditertbutylphenol (UV-320)	3846-71-7	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl)phenol (UV-327)	3864-99-1	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Volatile Organic Compounds (VOC)																		
Benzene	71-43-2	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
m-cresol	108-39-4	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
o-cresol	95-48-7	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
p-cresol	106-44-5	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Xylene	1330-20-7	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Toluene***	108-88-3	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	Not Detected	-	-	-	-	
Additional Parameters																		
Dry Mass (Total Solids)	-	-	-	-	-	-	-	%	26.1	-	-	-	-	-	-	-	Sample and Report Only	

Remarks:
 "n.d." = Not Detected
 "N/A" = Not Tested / Not Applicable
 "*" = Not Required to be Test
 *The test result is based on the calculation of selected element(s) and to the worst-case scenario
 *Test data is provided by the client
 ***Sample and report only for mock leather
 ****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)₂ (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)
 ΦSludge results are reported based on dry mass
 %Please refer to the details of the Local Wastewater Discharge Requirement in the Appendix Section

TEST PARAMETERS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou, JiangSu, China

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE						LEACHATE								
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	
Conventional Parameters																				
pH	-	Wastewater: ISO 10523, USEPA 150.1, SM 4500 H ⁺ , HJ 1147 or IS 3025 (Part 11) - Electrometric method only Sludge: USEPA 9045 D or HJ 962	6-9			Sample and Report Only	Sample and Report Only	5-11	5-11	5-11	6.5-9	6.5-9								
Temperature	-	DIN 38 404-4, USEPA 170.1, SM 2550, GB/T 13195 or IS 3025 (Part 9)	Δ+15°C	Δ+10°C	Δ+5°C															
E. Coli	-	SM 9221 B presumptive, confirm positive with SM 9221 F or G	126cfu/100mL																	
Colour (436nm; 525nm; 620nm)	-	ISO 7887 B	7.5;3m ⁻¹	5.3;2m ⁻¹	2;1;1m ⁻¹															
Persistent Foam	-	-	No indication of Persistent Foam in receiving water																	
Wastewater Flowrate	-	-	15m ³ per day																	
Ammonium-N	-	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	10mg/L	1mg/L	0.5mg/L															
AOX	-	ISO 9562, HACH LCK 390 or HJT 83-2001	3mg/L	0.5mg/L	0.1mg/L															
5-Days Biochemical Oxygen Demand (BOD5)	-	ISO 5815-1, USEPA 405.1, SM 5210 B, HJ 505 or IS 3025 (Part 44) - Seeded dilution water (BOD ₅)	30mg/L	15mg/L	8mg/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)	150mg/L	80mg/L	40mg/L															
Dissolved Oxygen (DO)	-	ISO 5814, USEPA 360.1, SM 4500 O G or HJ 506	Sample and Report Only																	
Oil & 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 gravimetric or partition infra-red	10mg/L	2mg/L	0.5mg/L															
Total Phenols / Phenol Index	-	ISO 6439, SM 5530 B or C, HJ 503 or IS 3025 (Part 43)	0.5mg/L	0.01mg/L	0.001mg/L															
Total Chlorine	-	ISO 7393-2, USEPA 330.5, SM 4500 Cl ⁻ G or HJ 586	Sample and Report Only																	
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	Sample and Report Only																	
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)	20mg/L	10mg/L	5mg/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)	3mg/L	0.5mg/L	0.1mg/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	50mg/L	15mg/L	5mg/L															
% Solids	-	USEPA 160.3 or HJ 613 at 105°C	-			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								
Paint Filter Test	-	USEPA SW-846 or USEPA 9095 B	-			Sample and Report Only	Sample and Report Only	Sample and Report Only	Pass	Pass	Pass	Sample and Report Only								
Fecal Coliform	-	USEPA 1681	-			Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	Sample and Report Only	1000MPN/g	1000MPN/g								
Anions																				
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	Sample and Report Only																	
Cyanide	-	Wastewater: ISO 6703-1, -2, -3, ISO 14403-1, -2, USEPA 335.2, SM 4500 CN or HJ 484 Sludge: Preparation: USEPA 9013 Analysis: USEPA 9014, USEPA 9213 or HJ 745	0.2mg/L	0.1mg/L	0.05mg/L	Sample and Report Only	Sample and Report Only	100mg/kg	85mg/kg	70mg/kg	70mg/kg	70mg/kg								
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)	Sample and Report Only																	
Sulfide	-	ISO 10530, SM 4500 S ²⁻ D, E, G or I, HJ 1226 or IS 3025 (Part 29) - Methylene blue only	0.5mg/L	0.05mg/L	0.01mg/L															
Sulfite	-	ISO 10304-3, SM 4500 SO ₃ ²⁻ C or HJ 84-2016	2mg/L	0.5mg/L	0.2mg/L															
Metals																				
Total Antimony (Sb)	7440-36-0	Wastewater: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65) Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803 Leachate: 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	0.1mg/L	0.05mg/L	0.01mg/L	-	-	-	-	-	-	-	Sample and Report Only	Sample and Report Only	Sample and Report Only	15mg/L	7.8mg/L	0.6mg/L	0.6mg/L	0.6mg/L
Chromium (VI)	7440-47-3, 18540-29-0	Wastewater: ISO 18412, USEPA 218.6, GB 7467 or IS 3025 (Part 52) Sludge: Preparation: USEPA 3060 A Analysis: USEPA 7196 or USEPA 7199 Leachate: Leachate Extraction: USEPA 1311 Analysis: ISO 18412, USEPA 7196 or USEPA 7199	0.05mg/L	0.005mg/L	0.001mg/L	-	-	-	-	-	-	-	50mg/kg	Sample and Report Only	Sample and Report Only	5mg/L	3.75mg/L	2.5mg/L	2.5mg/L	2.5mg/L

TEST PARAMETERS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tiansing Industrial Textile Park, ChangZhou, JiangSu, China

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE						LEACHATE							
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
Total Barium (Ba)	7440-39-3	<p>Wastewater: USEPA 200.8, USEPA 6010 C, USEPA 6020 A or HJ 700</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D or USEPA 6020 B</p> <p>Leachate: 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</p> <p>Wastewater: USEPA 200.8, USEPA 6010 C, USEPA 6020 A or HJ 700</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D or USEPA 6020 B</p> <p>Leachate: 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</p>	Sample and Report Only	-	-	-	-	-	-	-	Sample and Report Only	Sample and Report Only	Sample and Report Only	100mg/L	67.5mg/L	35mg/L	35mg/L	35mg/L	
Total Selenium (Se)	7782-49-2	<p>Wastewater: USEPA 200.8, USEPA 6010 C, USEPA 6020 A or HJ 700</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D or USEPA 6020 B</p> <p>Leachate: 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</p>	Sample and Report Only	-	-	-	-	-	-	100mg/kg	Sample and Report Only	Sample and Report Only	1mg/L	0.75mg/L	0.5mg/L	0.5mg/L	0.5mg/L		
Total Tin (Sn)	7440-31-5	<p>Wastewater: USEPA 200.8, USEPA 6010 C, USEPA 6020 A or HJ 700</p>	Sample and Report Only	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total Arsenic (As)	7440-38-2	<p>Wastewater: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65)</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803</p> <p>Leachate: 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</p> <p>Wastewater: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65)</p>	0.05mg/L	0.01mg/L	0.005mg/L	-	-	-	-	-	-	75mg/kg	Sample and Report Only	Sample and Report Only	5mg/L	2.75mg/L	0.5mg/L	0.5mg/L	0.5mg/L
Total Chromium (Cr)	7440-47-3	<p>Wastewater: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65)</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803</p> <p>Leachate: 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</p> <p>Wastewater: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65)</p>	0.2mg/L	0.1mg/L	0.05mg/L	-	-	-	-	-	-	3000mg/kg	Sample and Report Only	Sample and Report Only	15mg/L	10mg/L	5mg/L	5mg/L	5mg/L
Total Cobalt (Co)	7440-48-4	<p>Wastewater: 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</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803</p> <p>Leachate: 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</p> <p>Wastewater: 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</p>	0.05mg/L	0.02mg/L	0.01mg/L	-	-	-	-	-	-	Sample and Report Only	Sample and Report Only	80mg/L	80mg/L	80mg/L	80mg/L	80mg/L	
Total Cadmium (Cd)	7440-43-9	<p>Wastewater: 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</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803</p> <p>Leachate: 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</p> <p>Wastewater: 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</p>	0.1mg/L	0.05mg/L	0.01mg/L	-	-	-	-	-	-	85mg/kg	Sample and Report Only	Sample and Report Only	1mg/L	0.58mg/L	0.15mg/L	0.15mg/L	0.15mg/L
Total Copper (Cu)	7440-50-8	<p>Wastewater: 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</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803</p> <p>Leachate: 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</p> <p>Wastewater: 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</p>	1mg/L	0.5mg/L	0.25mg/L	-	-	-	-	-	-	4300mg/kg	Sample and Report Only	Sample and Report Only	25mg/L	17.5mg/L	10mg/L	10mg/L	10mg/L
Total Lead (Pb)	7439-92-1	<p>Wastewater: 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</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803</p> <p>Leachate: 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</p> <p>Wastewater: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, GB 11907, HJ 700 or IS 3025 (Part 65)</p>	0.1mg/L	0.05mg/L	0.01mg/L	-	-	-	-	-	-	840mg/kg	Sample and Report Only	Sample and Report Only	5mg/L	2.75mg/L	0.5mg/L	0.5mg/L	0.5mg/L
Total Nickel (Ni)	7440-02-0	<p>Wastewater: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, GB 11907, HJ 700 or IS 3025 (Part 65)</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D, USEPA 6020 B or HJ 803</p> <p>Leachate: 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</p> <p>Wastewater: ISO 17294, USEPA 200.8, USEPA 6010 C, USEPA 6020 A, GB 11907, HJ 700 or IS 3025 (Part 65)</p>	0.2mg/L	0.1mg/L	0.05mg/L	-	-	-	-	-	-	420mg/kg	Sample and Report Only	Sample and Report Only	20mg/L	11.75mg/L	3.5mg/L	3.5mg/L	3.5mg/L
Total Silver (Ag)	7440-22-4	<p>Wastewater: ISO 11885, ISO 17294-2, USEPA 200.7, USEPA 200.8, USEPA 6010 C or USEPA 6020 A</p> <p>Sludge: Preparation: USEPA 3050 Analysis: USEPA 6010 D or USEPA 6020 B</p> <p>Leachate: 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</p>	0.1mg/L	0.05mg/L	0.005mg/L	-	-	-	-	-	-	Sample and Report Only	Sample and Report Only	Sample and Report Only	5mg/L	5mg/L	5mg/L	5mg/L	5mg/L

TEST PARAMETERS

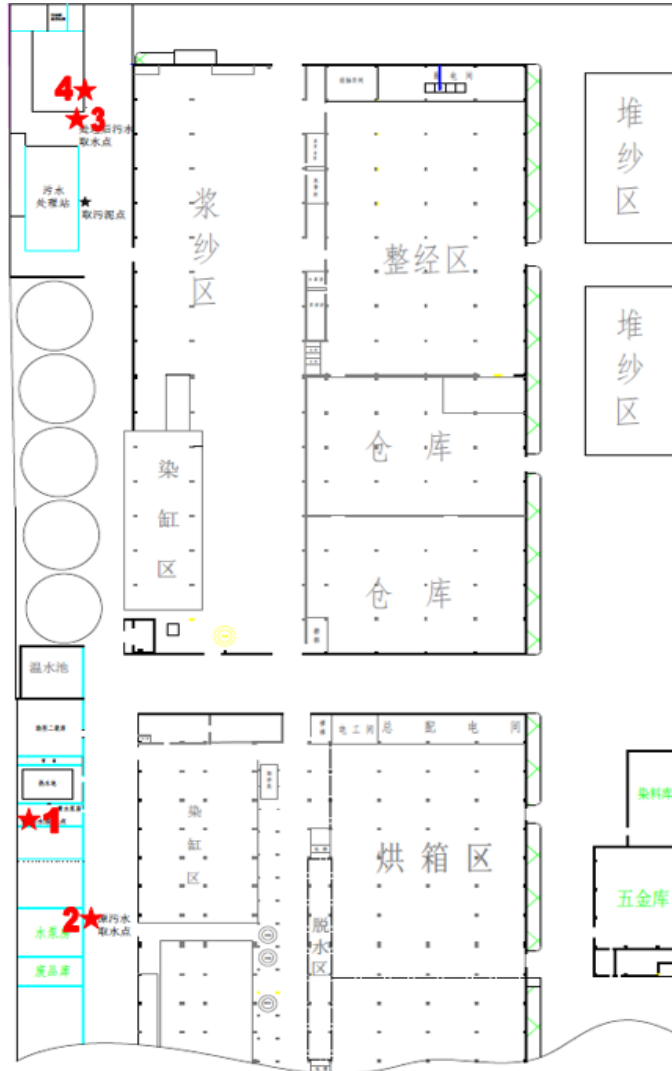
Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.
Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou, JiangSu, China

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE						LEACHATE								
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	
Glycols / Glycol Ethers		With reference to USEPA 8270 E or Liquid extraction followed by LC-MS or GC-MS		50µg/L																
Halogenated Solvents		With reference to USEPA 8260 D, Purge and Trap or Headspace followed by GC-MS		1µg/L																
Organotin Compounds		<u>TeET:</u> With reference to ISO 17353 <u>Others:</u> With reference to ISO 17353 or Derivatization with NaB(C ₂ H ₅) ₂ , followed by GC-MS		0.01µg/L																
Other/Miscellaneous Chemicals																				
AEA [2-(2-aminoethylamino) ethanol]	111-41-1	With reference to Liquid extraction followed by LC-MS/MS		500µg/L																
Bisphenol A	80-05-7	With reference to Liquid extraction followed by LC-MS		10µg/L																
Thiourea	62-56-6	With reference to Liquid extraction followed by LC-MS		50µg/L																
Quindoline	91-22-5	With reference to Liquid extraction followed by LC-MS		50µg/L																
Borate, zinc salt	12767-90-7	ISO 17284, USEPA 6010 C, USEPA 6020 A, HJ 700 or IS 3025 (Part 65)		100µg/L																
Perfluorinated and Polyfluorinated Chemicals (PFCs)		<u>PFCs:</u> With reference to USEPA 537.2020 followed by LC-MS(-MS) <u>FTOH:</u> With reference to BS EN 12673-1999, USEPA 8270 E or Derivatization with acetic anhydride followed by GC-MS		PFCs: 0.01µg/L FTOH: 1µg/L																
Phthalates		With reference to ISO 18856, USEPA 8270 E or Dichloromethane extraction followed by GC-MS		10µg/L																
Polycyclic Aromatic Hydrocarbons (PAHs)		<u>Wastewater:</u> With reference to DIN 38407-39, USEPA 8270 E or Solvent extraction followed by GC-MS <u>Sludge:</u> 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		1µg/L	Sample and Report Only	Sample and Report Only	Sample and Report Only	0.2mg/kg	0.2mg/kg	0.2mg/kg	0.2mg/kg									
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		0.1µg/L																
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)		100µg/L																
Volatile Organic Compounds (VOCs)																				
Benzene	71-43-2	With reference to ISO 11423-1, ISO 20595, USEPA 8260 D, Purge and Trap or Static Headspace followed by GC-MS		1µg/L																
m-cresol / o-cresol / p-cresol	108-39-4 / 94-48-7 / 106-44-5	With reference to BS EN 12637-1999, ISO 11423-1, USEPA 8270 E, Purge and Trap or Headspace followed by GC-MS		1µg/L																
Xylene	1330-20-7	With reference to ISO 11423-1, USEPA 8260 D, Purge and Trap or Headspace followed by GC-MS		1µg/L																
Toluene	108-88-3	With reference to ISO 11423-1, USEPA 8260 D or HJ 1067		1µg/L																

PIPING PLAN

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.

Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China



Remark:

- 1) Incoming Water
- 2) Untreated Wastewater
- 3) Effluent
- 4) Sludge

SAMPLING PHOTOS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.

Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China

PERSISTENT FOAM

Date & Time of Measurement: 17-02-2023 12:34

Sampling Location: Aeration tank



INCOMING WATER

GPS Data: 31°46'50" N, 120°01'08" E

SAMPLING LOCATION, CLOSE-UP VIEW



SAMPLING LOCATION, FAR VIEW



SAMPLING PHOTOS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.

Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China

UNTREATED WASTEWATER

GPS Data: 31°46'52" N, 120°01'08" E

SAMPLING LOCATION, CLOSE-UP VIEW



EFFLUENT

GPS Data: 31°46'56" N, 120°01'07" E

SAMPLING LOCATION, CLOSE-UP VIEW



SAMPLING LOCATION, FAR VIEW



SAMPLING LOCATION, FAR VIEW



SAMPLING PHOTOS

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.

Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou City, JiangSu Province, China

SLUDGE

GPS Data: 31°46'57" N, 120°01'07" E

SAMPLING LOCATION, CLOSE-UP VIEW



SAMPLING LOCATION, FAR VIEW



LOCAL WASTEWATER DISCHARGE REQUIREMENT

FACTORY DISCHARGE LICENCE BASED ON GB 4287-2012 Discharge standards

Factory Name: CHANGZHOU ORIENTAL EASTDYE TEXTILE CO., LTD.

Factory Address: No.68 North Qingyang Road, Tianning Industrial Textile Park, ChangZhou, JiangSu, China

1、废水污染物排放许可限值

(1) 主要排放口

排放口编号	排放口名称	污染物种类	许可排放浓度限值 (mg/L)
DW003	污水排放口	总磷 (以P计)	1.5mg/L
DW003	污水排放口	悬浮物	100mg/L
DW003	污水排放口	总氮 (以N计)	30mg/L
DW003	污水排放口	氨氮 (NH3-N)	20mg/L
DW003	污水排放口	pH值	6-9
DW003	污水排放口	苯胺类	1.0mg/L
DW003	污水排放口	化学需氧量	500mg/L
DW003	污水排放口	五日生化需氧量	150mg/L
DW003	污水排放口	硫化物	0.5mg/L
DW003	污水排放口	色度	80