

| | |
|------------------|------------|
| Date of sampling | 20/03/2025 |
| Reporting date | 26/03/2025 |

| | | | |
|-------------------------|---|------------|--------------|
| Audit ID | 22892 | Audit firm | SGS Shanghai |
| Company name | HANGZHOU JIMAY PRINTING & DYEING CO., LTD. | | |
| Contact person | Xiang Xu | | |
| Type of tax – tax ID no | 91330109762028907M | | |
| Address | NO. 11 MEIDONG ROAD, DANGWAN, XIAOSHAN, HANGZHOU CITY, ZHEJIANG PROVINCE, CHINA | | |
| Region state province | Zhejiang | | |
| Town city / village | Hangzhou | | |
| Zip / Post code | 311221 | | |

| | |
|--|--|
| Type of wastewater discharge | |
| Type of wastewater discharge | Indirect Discharge w/ Pre-treatment (w/ Sludge) |
| Description of the discharge | Discharge to Centralized Wastewater Treatment Plant: Linjiang Sewage Treatment Co., Ltd. Address: No. 160 Hengjie Road, Xiaoshan District, Hangzhou City, Zhejiang Province |
| [If direct discharge] Temperature of receiving water body: | Not applicable |

| | |
|--|-----------|
| Type of sludge disposal pathway | |
| Type of sludge disposal pathway | Pathway A |

| | |
|---------------------------|---|
| Type of treatment* | |
| PRELIMINARY | <input type="checkbox"/> Screening/Sieving/Grit remover (< 6 mm) <input checked="" type="checkbox"/> Screening/Sieving/Grit remover (≥ 6 mm) <input checked="" type="checkbox"/> Homogenization tank <input checked="" type="checkbox"/> pH Correction <input type="checkbox"/> Other (please specify): |
| PRIMARY | <input checked="" type="checkbox"/> Coagulation/Flocculation <input checked="" type="checkbox"/> Dissolved air flotation (DAF) <input checked="" type="checkbox"/> Sedimentation tanks or Settler/Clarifier <input type="checkbox"/> Other (please specify): |
| SECONDARY/BIOLOGICAL | <input checked="" type="checkbox"/> Activated sludge process. Aerobic reactor <input type="checkbox"/> Biological Biofilm reactor (MBBR, SAF, RBC..) <input type="checkbox"/> Sequencing batch reactor (SBR) <input type="checkbox"/> Other (please specify): |



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| | |
|----------|--|
| TERTIARY | <input type="checkbox"/> Absorption with activated carbon <input type="checkbox"/> High rate filtration <input type="checkbox"/> Techniques (ozone, Fenton reaction, photo catalytic degradation...) <input type="checkbox"/> Other (please specify): |
|----------|--|

*The information has been provided by the factory.

| | |
|--|---------------|
| Sampler accreditation certification number (ZDHC): | C74D106818116 |
| Sampling affiliate | SGS Shanghai |

| Sample description | | | |
|--------------------------|-------------------------------------|--|---------------------------------|
| | Simple | Composite | Comments |
| (1) Untreated wastewater | - | Light orange, composite sample at 10:20, 11:20, 12:20, 13:20, 14:20, 15:20, 16:20 | pH: 6.1 Temperature: 37.5 °C |
| (2) Effluent | - | Pale yellowish, composite sample at 9:40, 10:40, 11:40, 12:40, 13:40, 14:40, 15:40 | pH: 7.6 Temperature: 19.0 °C |
| (3) Sludge | Black & Khaki, grab sample at 14:00 | - | - |
| (4) Leachate | NO | - | - |



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| Internal description – Final Test Report | |
|--|---|
| Testing laboratory | SGS Shanghai |
| Internal codification number (report number) | SL52505285479201TX |
| Reference sample number (sample ID) | - |
| Received on | 21/03/2025 |
| Analysis carried out from | 21/03/2025 to 26/03/2025 |
| Arrival temperature at lab | 6.2 °C |
| Comments | 1. Samples received within 24 hours. 2. The ETP is the group's sewage treatment plant. |

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



Linda Wang (Authorized Signatory)



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Softline Laboratory

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| Summary of test results | | | | |
|---|----------------------|---|------------------------|----------|
| Test items | Untreated wastewater | Effluent | Sludge | Leachate |
| Conventional Parameters and Anions | - | Please refer to the information in TEST RESULTS | - | - |
| Heavy Metals | - | Fulfill aspirational limit | - | - |
| Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers | ND | - | Sample and report only | - |
| Antimicrobials and 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 | - | - | - |
| 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 | - | - | - |
| Volatile Organic Compounds (VOC) | ND | - | - | - |

| Sludge disposal pathway | |
|--------------------------------|----|
| Comply sludge disposal pathway | NA |

Remark (indicated in each parameter)

- ND = Not detected (< ZDHC requirements)
- D = Detected (≥ ZDHC requirements)
- NA = Not applicable
- = Not required to be tested



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Test results

Wastewater

1. Conventional Parameters and Anions

| Test Items | Test method | Limit | | | Reporting Limit | Result | Unit |
|---------------------|-------------|--------------|-------------|--------------|-----------------|----------|---------------------|
| | | Foundational | Progressive | Aspirational | | Effluent | |
| Wastewater Flowrate | - | - | | | NA | 4700 * | m ³ /day |

Remark

NA = Not applicable

- = Not required to be tested

*= Test data is provided by the client



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2. Heavy Metals

Cr (VI): GB/T 7467-1987

Hg: HJ 694-2014

Others: US EPA 200.8:1994

| Test items | CAS no. | Limit | | | Reporting Limit | Result | Unit |
|---------------------|---------|--------------------------------|---------------------------------|---------------------------------|-----------------|----------|------|
| | | Foundational | Progressive | Aspirational | | Effluent | |
| Arsenic (As) | - | Textile and Leather: 0.05 | Textile and Leather: 0.01 | Textile and Leather: 0.005 | 0.005 | ND | mg/L |
| Cadmium (Cd) | - | Textile and Leather: 0.1 | Textile and Leather: 0.05 | Textile and Leather: 0.01 | 0.01 | ND | mg/L |
| Mercury (Hg) | - | Textile and Leather: 0.01 | Textile and Leather: 0.005 | Textile and Leather: 0.001 | 0.001 | ND | mg/L |
| Lead (Pb) | - | Textile and Leather: 0.1 | Textile and Leather: 0.05 | Textile and Leather: 0.01 | 0.01 | ND | mg/L |
| Chromium VI (Cr VI) | - | Textile: 0.05 Leather: 0.15 | Textile: 0.005 Leather: 0.05 | Textile: 0.001 Leather: 0.02 | 0.001 | ND | mg/L |

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

NP/OP: With reference to ISO 18857-2:2009

NPEO / OPEO: With reference to ISO 18857-2:2009 or ASTM D7742-17

| Test items | CAS no. | Reporting limit | Result | Unit |
|---------------------------------|---|-------------------------|----------------------|------|
| | | | Untreated Wastewater | |
| Nonylphenol ethoxylates (NPEO) | Multiple including: 9016-45-9 / 26027-38-3 / 37205-87-1 / 68412-54-4 / 127087-87-0 | Textiles and Leather: 5 | ND | µg/L |
| Nonylphenol (NP), mixed isomers | Multiple including: 104-40-5 / 11066-49-2 / 25154-52-3 / 84852-15-3 | Textiles and Leather: 5 | ND | µg/L |
| Octylphenol ethoxylates (OPEO) | Multiple including: 9002-93-1 / 9036-19-5 / 68987-90-6 | Textiles and Leather: 5 | ND | µg/L |
| Octylphenol (OP), mixed isomers | Multiple including: 140-66-9 / 1806-26-4 / 27193-28-8 | Textiles and Leather: 5 | ND | µg/L |



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4. Antimicrobials and Biocides

o-Phenylphenol (+salts): With reference to BS EN 12673:1999

Triclosan, Permethrin: With reference to US EPA 3510C:1996 & 8270E:2018

| Test items | CAS no. | Reporting Limit | Result | Unit |
|-------------------------|-----------------------------------|--|----------------------|------|
| | | | Untreated wastewater | |
| o-Phenylphenol (+salts) | 90-43-7 | Textiles: 100 Leather: Sample and Report Only | ND | µg/L |
| Triclosan | 3380-34-5 | Textiles and Leather: 100 | ND | µg/L |
| Permethrin | Multiple including: 52645-53-1 | Textiles and Leather: 500 | ND | µg/L |

5. Chlorinated Paraffins

With reference to ISO 12010:2019

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



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6. Chlorobenzenes & Chlorotoluenes

3-Chlorotoluene, 4-Chlorotoluene: With reference to US EPA 8260D: 2018

Others: With reference to US EPA 3510C:1996 & 8270E:2018

| Test item | CAS no. | Reporting limit | Result | Unit |
|----------------------------|------------|---------------------------|----------------------|------|
| | | | Untreated Wastewater | |
| 1,2-Dichlorobenzene | 95-50-1 | Textiles and Leather: 0.2 | ND | µg/L |
| Monochlorobenzene | 108-90-7 | Textiles and Leather: 0.2 | ND | µg/L |
| 1,3-Dichlorobenzene | 541-73-1 | Textiles and Leather: 0.2 | ND | µg/L |
| 1,4-Dichlorobenzene | 106-46-7 | Textiles and Leather: 0.2 | ND | µg/L |
| 1,2,3-Trichlorobenzene | 87-61-6 | Textiles and Leather: 0.2 | ND | µg/L |
| 1,2,4-Trichlorobenzene | 120-82-1 | Textiles and Leather: 0.2 | ND | µg/L |
| 1,3,5-Trichlorobenzene | 108-70-3 | Textiles and Leather: 0.2 | ND | µg/L |
| 1,2,3,4-Tetrachlorobenzene | 634-66-2 | Textiles and Leather: 0.2 | ND | µg/L |
| 1,2,3,5-Tetrachlorobenzene | 634-90-2 | Textiles and Leather: 0.2 | ND | µg/L |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | Textiles and Leather: 0.2 | ND | µg/L |
| Pentachlorobenzene | 608-93-5 | Textiles and Leather: 0.2 | ND | µg/L |
| Hexachlorobenzene | 118-74-1 | Textiles and Leather: 0.2 | ND | µg/L |
| 2-Chlorotoluene | 95-49-8 | Textiles and Leather: 0.2 | ND | µg/L |
| 3-Chlorotoluene | 108-41-8 | Textiles and Leather: 0.2 | ND | µg/L |
| 4-Chlorotoluene | 106-43-4 | Textiles and Leather: 0.2 | ND | µg/L |
| 2,3-Dichlorotoluene | 32768-54-0 | Textiles and Leather: 0.2 | ND | µg/L |
| 2,4-Dichlorotoluene | 95-73-8 | Textiles and Leather: 0.2 | ND | µg/L |
| 2,5-Dichlorotoluene | 19398-61-9 | Textiles and Leather: 0.2 | ND | µg/L |
| 2,6-Dichlorotoluene | 118-69-4 | Textiles and Leather: 0.2 | ND | µg/L |
| 3,4-Dichlorotoluene | 95-75-0 | Textiles and Leather: 0.2 | ND | µg/L |
| 3,5-Dichlorotoluene | 25186-47-4 | Textiles and Leather: 0.2 | ND | µg/L |
| 2,3,4-Trichlorotoluene | 7359-72-0 | Textiles and Leather: 0.2 | ND | µg/L |
| 2,3,6-Trichlorotoluene | 2077-46-5 | Textiles and Leather: 0.2 | ND | µg/L |
| 2,4,5-Trichlorotoluene | 6639-30-1 | Textiles and Leather: 0.2 | ND | µg/L |
| 2,4,6-Trichlorotoluene | 23749-65-7 | Textiles and Leather: 0.2 | ND | µg/L |
| 3,4,5-Trichlorotoluene | 21472-86-6 | Textiles and Leather: 0.2 | ND | µg/L |
| 2,3,4,5-Tetrachlorotoluene | 1006-32-2 | Textiles and Leather: 0.2 | ND | µg/L |



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| | | | | |
|----------------------------|-----------|---------------------------|----|------|
| 2,3,4,6-Tetrachlorotoluene | 875-40-1 | Textiles and Leather: 0.2 | ND | µg/L |
| 2,3,5,6-Tetrachlorotoluene | 1006-31-1 | Textiles and Leather: 0.2 | ND | µg/L |
| Pentachlorotoluene | 877-11-2 | Textiles and Leather: 0.2 | ND | µg/L |

7. Chlorophenols

With reference to BS EN 12673:1999

| Test items | CAS no. | Reporting Limit | Result | Unit |
|---------------------------|------------|---------------------------|----------------------|------|
| | | | Untreated wastewater | |
| 2-Chlorophenol | 95-57-8 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,3-Dichlorophenol | 576-24-9 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,3,4-Trichlorophenol | 15950-66-0 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,3,5-Trichlorophenol | 933-78-8 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,3,6-Trichlorophenol | 933-75-5 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,4-Dichlorophenol | 120-83-2 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,4,5-Trichlorophenol | 95-95-4 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,4,6-Trichlorophenol | 88-06-2 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,5-Dichlorophenol | 583-78-8 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,6-Dichlorophenol | 87-65-0 | Textiles and Leather: 0.5 | ND | µg/L |
| 3-Chlorophenol | 108-43-0 | Textiles and Leather: 0.5 | ND | µg/L |
| 3,4-Dichlorophenol | 95-77-2 | Textiles and Leather: 0.5 | ND | µg/L |
| 3,4,5-Trichlorophenol | 609-19-8 | Textiles and Leather: 0.5 | ND | µg/L |
| 3,5-Dichlorophenol | 591-35-5 | Textiles and Leather: 0.5 | ND | µg/L |
| 4-Chlorophenol | 106-48-9 | Textiles and Leather: 0.5 | ND | µg/L |
| Pentachlorophenol PCP | 87-86-5 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,3,5,6-Tetrachlorophenol | 935-95-5 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,3,4,6-Tetrachlorophenol | 58-90-2 | Textiles and Leather: 0.5 | ND | µg/L |
| 2,3,4,5-Tetrachlorophenol | 4901-51-3 | Textiles and Leather: 0.5 | ND | µg/L |



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

With reference to US EPA 8015C:2007

| Test item | CAS no. | Reporting Limit | Result | Unit |
|-------------------------------|---------|---|----------------------|------|
| | | | Untreated wastewater | |
| N,N-di-methylformamide (DMFa) | 68-12-2 | Textiles: 1000 Leather: Sample and Report Only | ND | µg/L |

9. Dyes - Carcinogenic or Equivalent Concern

With reference to inhouse method followed by LC-MS/MS

| Test items | CAS no. | Reporting Limit | Result | Unit |
|---|------------|---------------------------|----------------------|------|
| | | | Untreated wastewater | |
| Basic violet 3 with >0.1% of Michler’s Ketone | 548-62-9 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Acid Red 26 | 3761-53-3 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Acid Violet 49 | 1694-09-3 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Basic Blue 26 (with Michler’s Ketone > 0.1%) | 2580-56-5 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Basic Green 4 (Malachite Green Chloride)^ | 569-64-2 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Basic Green 4 (Malachite Green Oxalate)^ | 2437-29-8 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Basic Green 4 (Malachite Green) | 10309-95-2 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Basic Red 9 | 569-61-9 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Basic Violet 14 | 632-99-5 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Direct Black 38 | 1937-37-7 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Direct Blue 6 | 2602-46-2 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Direct Red 28 | 573-58-0 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Disperse Blue 1 | 2475-45-8 | Textiles and Leather: 500 | ND | µg/L |
| C.I. Disperse Blue 3 | 2475-46-9 | Textiles and Leather: 500 | ND | µg/L |
| Disperse Orange 11 | 82-28-0 | Textiles and Leather: 500 | ND | µg/L |

*Reported concentration refers to the dye part only



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10. Dyes - Disperse (Allergenic)

With reference to inhouse method followed by LC-MS/MS

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



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11. Flame Retardants

Boric acid, Diboron trioxide, Disodium octaborate, Disodium tetraborate anhydrous, Tetraboron disodium heptaoxide, hydrate: With reference to US EPA 200.8:1994

BBMP, BIS, TRIS: With reference to inhouse method followed by LC-MS/MS

Others: With reference to US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items | CAS no. | Reporting Limit | Result | |
|---|-------------------------|----------------------------|----------------------|------|
| | | | Untreated wastewater | Unit |
| Boric acid | 10043-35-3 / 11113-50-1 | Textiles and Leather: 500* | ND (ND)** | µg/L |
| Diboron trioxide | 1303-86-2 | Textiles and Leather: 500* | ND (ND)** | µg/L |
| Disodium octaborate | 12008-41-2 | Textiles and Leather: 500* | ND (ND)** | µg/L |
| Disodium tetraborate, anhydrous | 1303-96-4 / 1330-43-4 | Textiles and Leather: 500* | ND (ND)** | µg/L |
| Tetraboron disodium heptaoxide, hydrate | 12267-73-1 | Textiles and Leather: 500* | ND (ND)** | µg/L |
| Hexabromocyclodecane (HBCDD) | 3194-55-6 | Textiles and Leather: 25 | ND | µg/L |
| 2,2-bis(bromomethyl)-1,3-propanediol (BBMP) | 3296-90-0 | Textiles and Leather: 25 | ND | µg/L |
| Polybromobiphenyls (PBB) | 59536-65-1 | Textiles and Leather: 25 | ND | µg/L |
| Monobromobiphenyls (MonoBB) | Multiple | Textiles and Leather: 25 | ND | µg/L |
| Monobromodiphenylethers (MonoBDEs) | Multiple | Textiles and Leather: 25 | ND | µg/L |
| Dibromobiphenyls (DiBB) | Multiple | Textiles and Leather: 25 | ND | µg/L |
| Dibromopropylether | 21850-44-2 | Textiles and Leather: 25 | ND | µg/L |
| Tribromodiphenylethers (TriBDEs) | Multiple | Textiles and Leather: 25 | ND | µg/L |
| Tetrabromodiphenyl ether (TetraBDE) | 40088-47-9 | Textiles and Leather: 25 | ND | µg/L |
| Pentabromodiphenyl ether (PentaBDE) | 32534-81-9 | Textiles and Leather: 25 | ND | µg/L |
| Hexabromodiphenyl ether (HexaBDE) | 36483-60-0 | Textiles and Leather: 25 | ND | µg/L |
| Heptabromodiphenyl ether (HeptaBDE) | 68928-80-3 | Textiles and Leather: 25 | ND | µg/L |
| Octabromobiphenyls (OctaBB) | Multiple | Textiles and Leather: 25 | ND | µg/L |
| Octabromodiphenyl ether (OctaBDE) | 32536-52-0 | Textiles and Leather: 25 | ND | µg/L |
| Nonabromobiphenyls (NonaBB) | Multiple | Textiles and Leather: 25 | ND | µg/L |
| Nonabromodiphenyl ether (NonaBDE) | 63936-56-1 | Textiles and Leather: 25 | ND | µg/L |
| Decabromobiphenyl (DecaBB) | 13654-09-6 | Textiles and Leather: 25 | ND | µg/L |
| Decabromodiphenyl ether (DecaBDE) | 1163-19-5 | Textiles and Leather: 25 | ND | µg/L |



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| | | | | |
|--|------------|--------------------------|----|------|
| Tetrabromobisphenol A (TBBPA) | 79-94-7 | Textiles and Leather: 25 | ND | µg/L |
| Bis(2,3-dibromopropyl) phosphate (BDBPP) | 5412-25-9 | Textiles and Leather: 25 | ND | µg/L |
| Tris-(2-chloro-1-methylethyl) phosphate (TCPP) | 13674-84-5 | Textiles and Leather: 25 | ND | µg/L |
| Tris(1-aziridinyl) phosphine oxide) (TEPA) | 545-55-1 | Textiles and Leather: 25 | ND | µg/L |
| Tris(1,3-dichloro-isopropyl) phosphate (TDCP) | 13674-87-8 | Textiles and Leather: 25 | ND | µg/L |
| Tris(2-chloroethyl) phosphate (TCEP) | 115-96-8 | Textiles and Leather: 25 | ND | µg/L |
| Tris(2,3,-dibromopropyl)-phosphate (TRIS) | 126-72-7 | Textiles and Leather: 25 | ND | µg/L |

* 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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12. Glycols/Glycol Ethers

2-Ethoxyethanol, 2-Methoxyethanol, Ethylene glycol dimethyl ether, Triethylene glycol dimethyl ether: With reference to US EPA 8015C:2007
 Others: With reference to US EPA 3510C:1996 & US EPA 8270E:2018

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

13. Halogenated solvents

With reference to US EPA 8260D: 2018

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



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14. Organotin compounds

With reference to DIN EN ISO17353:2005 (E)

| Test item | CAS no. | Reporting limit | Result | Unit |
|--|--|----------------------------|----------------------|------|
| | | | Untreated Wastewater | |
| Dipropyltin Compounds (DPT) | Multiple including: 867-36-7 | Textiles and Leather: 0.01 | ND | µg/L |
| Mono-, di- and tri-butyltin derivatives | Multiple including: 1118-46-3, 1461-22-9 | Textiles and Leather: 0.01 | ND | µg/L |
| Monobutyltin (MBT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Dibutyltin (DBT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Tributyltin (TBT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Mono-, di- and tri-methyltin derivatives | Multiple including: 993-16-8, 753-73-1, 1066-45-1 | Textiles and Leather: 0.01 | ND | µg/L |
| Monomethyltin (MMT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Dimethyltin (DMT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Trimethyltin (TMT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Mono-, di- and tri-octyltin derivatives | Multiple including: 3091-25-6, 3542-36-7, 2587-76-0 | Textiles and Leather: 0.01 | ND | µg/L |
| Monooctyltin (MOT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Diocetyl tin (DOT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Triocetyl tin (TOT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Mono-, di- and tri-phenyltin derivatives | Multiple including: 1124-19-2, 1135-99-5, 639-58-7 | Textiles and Leather: 0.01 | ND | µg/L |
| Monophenyltin (MPHT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Diphenyltin (DPHT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Triphenyltin (TPHT) | | Textiles and Leather: 0.01 | ND | µg/L |
| Tetrabutyltin Compounds (TeBT) | Multiple including: 1461-25-2 | Textiles and Leather: 0.01 | ND | µg/L |
| Tetraethyltin Compounds (TeET) | Multiple including: 597-64-8 | Textiles and Leather: 0.01 | ND | µg/L |
| Tetraoctyltin Compounds (TeOT) | Multiple including: 3590-84-9 | Textiles and Leather: 0.01 | ND | µg/L |
| Tricyclohexyltin (TCyHT) | Multiple including: 3091-32-5 | Textiles and Leather: 0.01 | ND | µg/L |
| Tripropyltin Compounds (TPT) | Multiple including: 2279-76-7 | Textiles and Leather: 0.01 | ND | µg/L |



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15. Other/Miscellaneous Chemicals

AEEA, Thiourea: With reference to inhouse method followed by LC-MS/MS

Bisphenol A: With reference to ISO 18857-2:2009

Quinoline: With reference to US EPA 3510C:1996 & US EPA 8270E:2018

Borate, zinc salt: US EPA 200.8:1994

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

* 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)



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16. Perfluorinated and Polyfluorinated Chemicals (PFCs)

PFCs: With reference to US EPA 537.1:2020 & inhouse method

FTOH: With reference to US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items | CAS no. | Reporting Limit | Result | Unit |
|--|-------------------------------|----------------------------|----------------------|------|
| | | | Untreated wastewater | |
| Perfluorooctane sulfonate (PFOS)* | Multiple including: 1763-23-1 | Textiles and Leather: 0.01 | ND | µg/L |
| N-ethylperfluoro-1-octanesulfonamide (EtFOSA) | 4151-50-2 | Textiles and Leather: 0.01 | ND | µg/L |
| N-methylperfluoro-1-octanesulfonamide (MeFOSA) | 31506-32-8 | Textiles and Leather: 0.01 | ND | µg/L |
| 2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE) | 1691-99-2 | Textiles and Leather: 0.01 | ND | µg/L |
| 2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (MeFOSE) | 24448-09-7 | Textiles and Leather: 0.01 | ND | µg/L |
| Perfluorooctane sulfonamide (PFOSA) | 754-91-6 | Textiles and Leather: 0.01 | ND | µg/L |
| Perfluorooctanoic acid (PFOA)** | Multiple including: 335-67-1 | Textiles and Leather: 1 | ND | µg/L |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS) | 39108-34-4 | Textiles and Leather: 1 | ND | µg/L |
| Methyl Perfluorooctanoate (Me-PFOA) | 376-27-2 | Textiles and Leather: 1 | ND | µg/L |
| Ethyl Perfluorooctanoate (Et-PFOA) | 3108-24-5 | Textiles and Leather: 1 | ND | µg/L |
| 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) | 678-39-7 | Textiles and Leather: 1 | ND | µg/L |
| 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) | 27905-45-9 | Textiles and Leather: 1 | ND | µg/L |
| 8:2 Fluorotelomer methacrylate (8:2 FTMA) | 1996-88-9 | Textiles and Leather: 1 | ND | µg/L |

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

With reference to US EPA 3510C:1996 & US EPA 8270E:2018

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



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18. Polycyclic aromatic hydrocarbons (PAHs)

With reference to US EPA 3510C:1996 & US EPA 8270E:2018

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



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

With reference to EN ISO 14362-1:2017, EN ISO 14362-3:2017 (if needed), US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items | CAS no. | Reporting Limit | Result | Unit |
|---|------------|---------------------------|----------------------|------|
| | | | Untreated wastewater | |
| 2-naphthylamine | 91-59-8 | Textiles and Leather: 0.1 | ND | µg/L |
| 2-naphthylammoniumacetate^ | 553-00-4 | Textiles and Leather: 0.1 | ND | µg/L |
| 2,4-xylidine | 95-68-1 | Textiles and Leather: 0.1 | ND | µg/L |
| 2,4,5-trimethylaniline | 137-17-7 | Textiles and Leather: 0.1 | ND | µg/L |
| 2,4,5-trimethylaniline hydrochloride^ | 21436-97-5 | Textiles and Leather: 0.1 | ND | µg/L |
| 2,6-xylidine | 87-62-7 | Textiles and Leather: 0.1 | ND | µg/L |
| 3,3'-dichlorobenzidine | 91-94-1 | Textiles and Leather: 0.1 | ND | µg/L |
| 3,3-dimethoxybenzidine | 119-90-4 | Textiles and Leather: 0.1 | ND | µg/L |
| 3,3-dimethylbenzidine | 119-93-7 | Textiles and Leather: 0.1 | ND | µg/L |
| 4-aminoazobenzene | 60-09-3 | Textiles and Leather: 0.1 | ND | µg/L |
| 4-aminodiphenyl | 92-67-1 | Textiles and Leather: 0.1 | ND | µg/L |
| 4-chloro-o-toluidine | 95-69-2 | Textiles and Leather: 0.1 | ND | µg/L |
| 4-chloro-o-toluidinium chloride^ | 3165-93-3 | Textiles and Leather: 0.1 | ND | µg/L |
| 4-chloroaniline | 106-47-8 | Textiles and Leather: 0.1 | ND | µg/L |
| 4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate^ | 39156-41-7 | Textiles and Leather: 0.1 | ND | µg/L |
| 4-methoxy-m-phenylenediamine | 615-05-4 | Textiles and Leather: 0.1 | ND | µg/L |
| 4-methyl-m-phenylenediamine | 95-80-7 | Textiles and Leather: 0.1 | ND | µg/L |
| 4,4-methylene-bis-(2-chloro-aniline) | 101-14-4 | Textiles and Leather: 0.1 | ND | µg/L |
| 4,4-methylenedi-o-toluidine | 838-88-0 | Textiles and Leather: 0.1 | ND | µg/L |
| 4,4-methylenedianiline | 101-77-9 | Textiles and Leather: 0.1 | ND | µg/L |
| 4,4-oxydianiline | 101-80-4 | Textiles and Leather: 0.1 | ND | µg/L |
| 4,4-thiodianiline | 139-65-1 | Textiles and Leather: 0.1 | ND | µg/L |
| 5-nitro-o-toluidine | 99-55-8 | Textiles and Leather: 0.1 | ND | µg/L |
| 6-methoxy-m-toluidine | 120-71-8 | Textiles and Leather: 0.1 | ND | µg/L |
| Benzidine | 92-87-5 | Textiles and Leather: 0.1 | ND | µg/L |
| o-aminoazotoluene | 97-56-3 | Textiles and Leather: 0.1 | ND | µg/L |
| o-anisidine | 90-04-0 | Textiles and Leather: 0.1 | ND | µg/L |
| o-toluidine | 95-53-4 | Textiles and Leather: 0.1 | ND | µg/L |



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20. UV Absorbers

With reference to inhouse method followed by LC-MS/MS

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

21. Volatile organic compounds (VOCs)

Benzene, Xylene, Toluene: With reference to US EPA 8260D: 2018

m-cresol / o-cresol / p-cresol: With reference to US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items | CAS no. | Reporting Limit | Result | Unit |
|------------|-----------|-------------------------|----------------------|------|
| | | | Untreated wastewater | |
| Benzene | 71-43-2 | Textiles and Leather: 1 | ND | µg/L |
| m-cresol | 108-39-4 | Textiles and Leather: 1 | ND | µg/L |
| o-cresol | 95-48-7 | Textiles and Leather: 1 | ND | µg/L |
| p-cresol | 106-44-5 | Textiles and Leather: 1 | ND | µg/L |
| Toluene | 108-88-3 | Textiles and Leather: 1 | ND | µg/L |
| Xylene | 1330-20-7 | Textiles and Leather: 1 | ND | µg/L |

Remark

- 1 µg/L = 0.001 ppm
- ND = Not detected (< Reporting limit)
- NA = Not applicable
- NC = Not conducted
- = Not required to be tested



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SLUDGE

22. Sludge Parameters - Step 1 - Conventional

% Solids:

| Test item | CAS no. | Limit | | | | | | | Reporting limit | Result | Unit |
|-----------|---------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------|--------|------|
| | | Pathway A | Pathway B | Pathway C | Pathway D | Pathway E | Pathway F | Pathway G | | Sludge | |
| % Solids | - | Sample and Report Only | - | 42.7 | % |

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

NP/OP: With reference to inhouse method followed by GC-MS

NP/PEO/OPEO: With reference to inhouse method followed by GC-MS & LC-MS/MS

| Test Items | CAS no. | Limit – Dry weight | | | | | | | Reporting Limit | Result | Unit |
|---------------------------------|---|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------------|--------|-------|
| | | Pathway A | Pathway B | Pathway C | Pathway D | Pathway E | Pathway F | Pathway G | | Sludge | |
| Nonylphenol ethoxylates (NPEO) | Multiple including: 9016-45-9 / 26027-38-3 / 37205-87-1 / 68412-54-4 / 127087-87-0 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | Textiles and Leather: 0.4 | ND | mg/kg |
| Nonylphenol (NP), mixed isomers | Multiple including: 104-40-5 / 11066-49-2 / 25154-52-3 / 84852-15-3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | Textiles and Leather: 0.4 | ND | mg/kg |
| Octylphenol ethoxylates (OPEO) | Multiple including: 9002-93-1 / 9036-19-5 / 68987-90-6 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | Textiles and Leather: 0.4 | ND | mg/kg |
| Octylphenol (OP), mixed isomers | Multiple including: 140-66-9 / 1806-26-4 / 27193-28-8 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | Textiles and Leather: 0.4 | ND | mg/kg |



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

With reference to US EPA 3570 & US EPA 8270E:2018

| 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 | |
| Acenaphthene | 83-32-9 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Acenaphthylene | 208-96-8 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Anthracene | 120-12-7 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Benzo(a)anthracene | 56-55-3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Benzo(a)pyrene | 50-32-8 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Benzo(b)fluoranthene | 205-99-2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Benzo(e)pyrene | 192-97-2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Benzo(ghi)perylene | 191-24-2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Benzo(j)fluoranthene | 205-82-3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Benzo(k)fluoranthene | 207-08-09 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Chrysene | 218-01-9 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Dibenz(a,h)anthracene | 53-70-3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Fluoranthene | 206-44-0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Fluorene | 86-73-7 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Indeno (1,2,3-cd)pyrene | 193-39-5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Naphthalene | 91-20-3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Phenanthrene | 85-01-8 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Pyrene | 129-00-0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |



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25. Sludge Parameters - Step 1 - MRSL – Chlorotoluenes

With reference to US EPA 3570 & US EPA 8270E:2018

| 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 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 3-Chlorotoluene | 108-41-8 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 4-Chlorotoluene | 106-43-4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,3-Dichlorotoluene | 32768-54-0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,4-Dichlorotoluene | 95-73-8 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,5-Dichlorotoluene | 19398-61-9 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,6-Dichlorotoluene | 118-69-4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 3,4-Dichlorotoluene | 95-75-0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 3,5-Dichlorotoluene | 25186-47-4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,3,4-Trichlorotoluene | 7359-72-0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,3,6-Trichlorotoluene | 2077-46-5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,4,5-Trichlorotoluene | 6639-30-1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,4,6-Trichlorotoluene | 23749-65-7 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 3,4,5-Trichlorotoluene | 21472-86-6 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,3,4,5-Tetrachlorotoluene | 1006-32-2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,3,4,6-Tetrachlorotoluene | 875-40-1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,3,5,6-Tetrachlorotoluene | 1006-31-1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Pentachlorotoluene | 877-11-2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |



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Remark

ND = Not detected (< Reporting limit)
NA = Not applicable
NC = Not conducted
- = Not required to be tested



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Annex A: Sampling photos & Sampling locations

| UNTREATED WASTEWATER |
|--|
| Date & Time of Measurement: 20/03/2025; 11:15 GPS Data: 30°13'56" N, 120°32'31" E |
| SAMPLING LOCATION, CLOSE-UP VIEW |
|  |
| SAMPLING LOCATION, FAR VIEW |
|  |

| EFFLUENT |
|--|
| Date & Time of Measurement: 20/03/2025; 9:55 GPS Data: 30°13'58" N, 120°33'17" E |
| SAMPLING LOCATION, CLOSE-UP VIEW |
|  |
| SAMPLING LOCATION, FAR VIEW |
|  |



SLUDGE

Date & Time of Measurement: 20/03/2025; 14:15

GPS Data: 30°13'47" N, 120°33'13" E

SAMPLING LOCATION, CLOSE-UP VIEW



SAMPLING LOCATION, FAR VIEW



Annex B: ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration

BHLR/AM/CS-015-16

ZDHC废水采样现场数据和代表性样品声明
ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration

ZDHC废水采样信息 ZDHC Wastewater Sampling Information:

工厂名称 Factory Name: 杭州集泰印染有限公司

工厂地址 Factory Address: 浙江省杭州市萧山区党湾镇梅东路1号

采样日期 Sampling Date: 2025.3.20

| | | | |
|---|--|--|--|
| <input type="checkbox"/> Incoming Water | <input checked="" type="checkbox"/> Untreated Wastewater | <input checked="" type="checkbox"/> Effluent | <input checked="" type="checkbox"/> Sludge |
| 样品ID Sample ID: | <u>SL625-0053-2</u> | <u>SL625-0053-1</u> | <u>SL625-0053-3</u> |
| 采样地点 Sampling Location: | <u>集泰车间废水总排口-西侧-二车间附近排放口-西侧-三车间总排口东边</u> | | |
| GPS数据 GPS Data: | <u>30°13'56"N 120°32'31"E</u> | <u>30°13'18"N 120°33'17"E</u> | <u>30°13'47"N 120°33'13"E</u> |
| 采样时间 Sampling Time: | <u>10:20 - 10:30</u> | <u>9:40 - 15:30</u> | <u>14:00 - 14:10</u> |

采样员信息 Sampler Information:

采样员姓名 Sampler Name: 施景宇

采样员邮箱 Sampler E-mail: Shijingyu.Shi@SGS.com

ZDHC授权采样员证书号 ZDHC Sampler Accreditation Cert. No.: C74D106818116

采样方法 Sampling Method:

Incoming Water Grab 6-hour Composite Others, please specify: _____
 Autosampler Manual

Untreated Wastewater Grab 6-hour Composite Others, please specify: _____
 Autosampler Manual

Effluent Grab 6-hour Composite Others, please specify: _____
 Autosampler Manual

Sludge Grab 6-hour Composite Others, please specify: _____
 Autosampler Manual

排放方式 Discharge Method:

Direct Indirect (w/pretreatment) Indirect (w/o pretreatment) Zero Liquid Discharge (ZLD)

ZDHC废水采样现场测试QA/QC ZDHC Wastewater Sampling Field Testing QA/QC

| Parameter | LCS Known | LCS Measured | Accuracy % |
|----------------|-------------|--------------|-------------|
| pH | <u>7.02</u> | <u>7.0</u> | <u>99.7</u> |
| Total Chlorine | <u>NA</u> | <u>NA</u> | <u>NA</u> |

ZDHC废水流量尺寸 ZDHC Wastewater Flow Device Dimensions

| Measurement (cm) | Motor | Flot (O) | Flume (U) | Wier (V) |
|------------------|-----------|-----------|-----------|-----------|
| Diameter | <u>NA</u> | <u>NA</u> | <u>NA</u> | <u>NA</u> |
| Depth | <u>NA</u> | <u>NA</u> | <u>NA</u> | <u>NA</u> |

ZDHC废水采样现场测试数据 (见附件水质/土壤采样记录)
ZDHC Wastewater Sample Collection Field Test Measurements (See attached data sheets of Water/Soil sampling records).

ZDHC废水采样-工厂确认 ZDHC Wastewater Sampling - Facility Confirmation

废水样本是在工厂正常生产规模和废水流量下收集的。The wastewater samples have been collected under the facility's normal production scale and wastewater flow rate. 下面列出的采样机器的照片并收集了样品。The sampler photo and the samples were on-site and collected the samples.

工厂名称 Factory Name: 杭州集泰印染有限公司 采样员姓名 Sampler Name: 施景宇

工厂代表姓名 Factory Representative Name: 121212 ZDHC授权采样员证书号 ZDHC Sampler Accreditation Cert. No.: C74D106818116

工厂代表签名和盖章 Factory Representative Signature and Stamp: 121212 采样员姓名 Sampler Signature: 施景宇

日期 Date: 2025.3.20 日期 Date: 2025.3.20

Effective date 2023.12.22



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UNTREATED WASTEWATER



水质采样记录

SHSL-R-WI-CS-016-02

Water Sampling Records

任务单号Task Number: SL25-0053 采样日期Sampling Date: 2025, 3, 20 委托单位Client: ITX TRADING SA
 天气状况Weather Conditions: 晴 水体类型Type of Water: 原废水 受检单位Factory: 杭州集美印染有限公司
 其他仪器设备(名称、编号) Other instruments and equipment (name, number): PH计 TX-711
 参考采样规范Reference Sampling Specification: ZDHC-SAP 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 | 溶解氧 Dissolved Oxygen (mg/L) | 总氯 Total Chlorine (mg/L) | 废水量 Wastewater Flow Meter (L/min) | 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) | | | | | |
| 9625-0053-2 | 集废车间总 | 0 10:20-10:30 | 39.8 | | 6.1 | | | 集废车间 | | | 3990 | P+G | 1,2,3,4 | 淡橙色 | No |
| | 阴废水池 | 1 11:20-11:30 | 39.0 | | 6.2 | | | 均产生原 | | | | | | 淡橙色 | No |
| | 废水池 | 2 12:20-12:30 | 35.7 | | 6.2 | | | 水量为 | | | | 以下空白 | | 淡橙色 | No |
| | | 3 13:20-13:30 | 36.9 | | 6.0 | | | 4700吨 | | | | | | 淡橙色 | No |
| | | 4 14:20-14:30 | 37.3 | | 6.0 | | | | | | | | | 淡橙色 | No |
| | | 5 15:20-15:30 | 36.7 | | 6.0 | | | | | | | | | 淡橙色 | No |
| | | 6 16:20-16:30 | 37.0 | | 6.0 | | | | | | | | | 淡橙色 | No |
| 均值 Average | | | 37.5 | | 6.1 | | | | | | | | | | |

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 代表盖子带有特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. 减振措施 Vibration reduction 5. 其他 Others:

采样员 Sampler: 施景宇 客户确认 Client Confirmation: 徐景宇
 Effective date: 2023.12.26



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EFFLUENT



水质采样记录

SHSL-R-WI-CS-016-02

Water Sampling Records

任务单号 Task Number: SL25-0053 采样日期 Sampling Date: 2025.3.20 委托单位 Client: ITX TRADING SA
 天气状况 Weather Conditions: 晴 水体类型 Type of Water: 排放废水 受检单位 Factory: 杭州集美印染有限公司
 其他仪器设备 (名称、编号) Other instruments and equipment (name, number): PH计 TX-711
 参考采样规范 Reference Sampling Specification: ZDHC-SAP 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 | 溶解氧 Dissolved Oxygen (mg/L) | 总氮 Total Chlorine (mg/L) | 废水流量 Wastewater Flow Meter (L/min) | 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) | | | | | |
| SL25-0053 | 沃集团污水 | 0 9:40-9:50 | 20.9 | | 7.6 | | | 集团日均 | | | 330 | P+G | 1,2,3,4 | 淡黄色 | No |
| | 理站的排放 | 1 10:40-10:50 | 19.3 | | 7.5 | | | 恒排放 | | | | | | 淡黄色 | No |
| | 废水采样点 | 2 11:40-11:50 | 18.9 | | 7.6 | | | 废水流量 | | | | 以下空白 | | 淡黄色 | No |
| | 信息收集 | 3 12:40-12:50 | 19.2 | | 7.6 | | | 均为29000 | | | | | | 淡黄色 | No |
| | | 4 13:40-13:50 | 18.7 | | 7.5 | | | | | | | | | 淡黄色 | No |
| | | 5 14:40-14:50 | 17.9 | | 7.6 | | | | | | | | | 淡黄色 | No |
| | | 6 15:40-15:50 | 18.3 | | 7.6 | | | | | | | | | 淡黄色 | No |
| 均值 Average | | | 19.0 | | 7.6 | | | | | | | | | | |

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 代表盖子带有特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。
 Remark: (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.减振措施 Vibration reduction 5.其他 Others.

照片拍摄时间 Time of Photo: 9:55 2025.3.20
 其他现场信息: 曝气池无异常存在约2cm的泡沫且正在向西侧均匀消散

采样员 Sampler: 施果 客户确认 Client Confirmation: 1号
 Effective date: 2023.12.26



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SLUDGE



SHSL-R-WI-CS-016-03

土壤采样记录
Soil Sampling Records

任务单号 Task Number: SL25-0053

采样日期 Sampling Date: 2025, 3, 20

委托单位 Client: ITX TRADING SA

天气状况 Weather Conditions: 晴

采样仪器 Sampling Instrument: _____

受检单位 Factory: 杭州集美印染有限公司

| 样品编号 Sample Number | 采样位置 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 |
|-----------------------|---------------------------|-------------------------------|--------------------|----------------------------|------------------------|----------------------------|------------------------|--------------|
| SL25-0053-2 | 三元集团污水堆积仓库外 | 14:00-14:10 | 1800g | G | — | 黑色及土黄色 | 30°13'47"N 120°33'13"E | — |
| | | 以下空白 | | | | 以下空白 | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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: 14:15 2025. 3. 20

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: 恶臭 foul odor 很臭 very smelly 臭 smelly 微臭 slightly smelly 其他 Others _____

采样员 Sampler: 施昊宇

客户确认 Client Confirmation: 112828

Effective date: 2023.12.26



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Annex C: Limit according to Contract limit with centralized ETP

污水委托处理合同

三元控股合同编号:
2019年9月18日096号
核注:

编号: 号

订立合同双方:

委托方: 湖州孝源污水处理有限公司(三元集团污水集中处理中心) (以下简称甲方)

被委托方: 杭州萧山污水处理有限公司 (以下简称乙方)

为改善区域环境质量,保障萧山污水处理系统的正常运行,根据萧政发(2003)162号《关于印发〈萧山区污水处理费征收管理办法〉的通知》、萧政发(2005)106号《关于加快推进污水集中治理工作的意见》、萧价[2014]46号《关于调整污水处理费标准的通知》及其它相关法律、法规和标准的规定,应甲方要求,乙方接受甲方委托处理污水,经双方协商一致订立如下条款共同遵守:

第一条 甲方污水并网须符合建设部(GJ343—2010)《污水排入城镇下水道水质标准》和《纺织染整工业水污染物排放标准》(GB4287—2012)的文件要求,污水申报量及主要污染物最高排放浓度见下表,重金属浓度必须符合国家标准排放控制要求。如合同履行期间政府部门颁布新的进网标准,即按新标准执行。

| 行业类别 | 申报排水量(吨/日) | 主要污染物种类及水质浓度(单位:mg/L, pH, 色度除外) | | | | | | |
|------|------------|---------------------------------|-------|------------------|------|--------------------|------|-----|
| | | pH | CODcr | BOD ₅ | SS | NH ₃ -N | TP | 色度 |
| 三 | 5.92万 | 6-9 | ≤200 | 50 | ≤100 | ≤30 | ≤1.5 | 80倍 |

第二条 收费管理

1. 容量补偿费用的收取

(1) 甲方根据环评报告书及生产工艺等实际情况如实申报日最高排水量,由乙方核实后收取相应的容量补偿费,如甲方今后需要增加容量,乙方根据污水厂和泵站的实际容量考虑是否给予增加。乙方将每年对甲方的实际日最高排水量进行审核,如果甲方的实际日最高排水量超过所申报的日最高排水量,乙方将视情况加收收取所差水量的容量补偿费或者限量排放。

(2) 根据萧山区政府对管网建设的相关政策,甲方承担的污水容量补偿费的标准为 元/吨,由甲方根据申报的排水量,在签定本合同时一次性向乙方缴纳 万元。(根据协议,合同约定按)。

(3) 甲方缴清容量补偿费后,即取得了相应的管网排污容量权,排污容量权不经乙方同意,甲方不得向第三方转让。

2. 收费水量计量方式

(1) 如甲方使用河道水或有其它自备水源的,则必须在乙方泵站入口或者甲方总排口安装流量计和信号传输设备,设施由乙方统一设计、购买和安装,费用由甲方承担。如无安装条件并无自备水源,则按企业自来水用量收取相应的污水处理费。

(2) 流量计由乙方负责监管,甲方负责日常维护保养并建立日常检查及台账记录等管理制度,发现异常立即通知乙方,甲方应定期委托权威技术监督部门对流量计进行检测并向乙方出具检测报告,如流量计误差超过规定标准的,需重新校验,当月抄表水量按校验结果合计,之前各月水量不作调整,校验费用由甲方承担。

3. 污水处理费的收取

(1) 根据萧山区物价局文件标准核定,甲方应按月交纳污水处理费,缴费基准价为 2.10 元/吨(印染类 100mg/l < CODcr ≤ 200mg/L 时,其他 400mg/l < CODcr ≤ 500mg/L 时),收费水量根据企业自来水用量或者流量计抄表量。合同履行期间,政府部门颁布新的收费标准,即按新标准执行。

(2) 甲方应接受萧山区排水监测公司(具备国家法定认证资质)对入网水质进行人工随机检测及自动采样检测,乙方随机采样次数每月不少于两次,以检测数据的平均值为甲方水质浓度,核算当月单价。

(3) 污水处理费实行按月计费,甲方未在规定时间内交费的,自逾期之日起每天加收所欠污水处理费的 3‰ 滞纳金,逾期未交超过三个月的,乙方可采取工程措施停止甲方排污,所产生费用由甲方承担。

第三条 双方的权利和义务

1. 甲方按月以银行托收的方式向乙方支付污水处理费。

2. 甲方污水源水中含腐蚀性物质的,如酸、碱、高浓度、高色度等,须在排出口安装控制阀门。

3. 乙方接受委托后,为甲方确定合理的排出口位置,保障甲方污水输送外排。

4. 甲方须服从乙方为确保污水处理系统正常运行而进行的运转时间、水量等调度。

5. 若甲方的产品性质、种类、生产工艺发生明显变化,应及时告知乙方,征得乙方同意后,才可继续排放。

第四条 违约责任

1. 合同履行期间,如果甲方水质超过最高污染物浓度标准的,需支付水质超标补偿金,以补偿乙方因处理超标污水而增加的处理成本,并承担由于严重水质超标导致乙方设备损坏的赔偿责任,水质超标补偿金收取标准按超标期间水量的 3-5 倍计算,同时乙方为确保污水处理系统正常运行,可停止甲方污水进入管网,关闭阀门等措施,直至甲方污水水质达标;如为突发事件,则按照公司相关规定处罚。

2. 如流量计发生故障,甲方应及时通知乙方,并由甲方积极负责维修,故障期间发生的排水量按前 3 个月平均值计算,如确实不能修复的,甲方必须在收到《流量计更新通知》30 天内更新完毕,逾期乙方按甲方前 12 个月中最高排水量核定该故障期间的排污量,甲方如发生故意损坏排水计量设备、切断仪表电源等行为的,乙方可按甲方前 3 个月排水量平均值 3-5 倍收取污水处理费。

3. 甲方未经乙方同意擅自转让或接入其他单位污水,乙方有权解除本合同,停止甲方污水进入污水输送管网。

4. 对甲方要求保密的资料(保密资料的范围需双方书面协议确定),乙方如泄密,甲方有权要求赔偿损失。

5. 甲方未经乙方同意擅自向污水排入乙方管网系统,或绕过流量计、采样口直接排入乙方管网的,一经查实,乙方将立即关闭甲方所有排出口,并按甲方近三年最高月平均水量及最高 COD 标准核算后的污水处理费 3-5 倍收取赔偿费用,并报乙方上级部门、环保局及区政府。直到甲方彻底整改完毕,经乙方验收合格后才能开启阀门。

第五条 其他

1. 甲方应向乙方出具经环保主管部门审批的环境影响评价报告、内部排水管网图。甲方内部必须实行雨水、污水分流制。

2. 免责声明:因不可抗力引起事故或城市排水设施发生故障,双方应协商解决善后工作。

3. 本合同一式两份,甲、乙双方各执壹份,有效期按行业类别分类,化工有效期为 1 年,其余为 2 年。本合同有效期自 年 月 日 至 年 月 日,合同到期后如续签,甲方应在本合同未到期之前一个月与乙方签订新合同;如过期甲方仍未与乙方签订新合同,乙方有权终止甲方污水进入管网,本合同双方签字、盖章后生效。

甲方(章): 湖州孝源污水处理有限公司

法定代表人: (三) 元集团

电话: 22808787

地址: 萧山临浦镇永联村

乙方: 杭州萧山污水处理有限公司

法定代表人: (章)

电话: (章)

地址: 萧山区城南路通惠路 99 号

****END OF REPORT****



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