

## TEST REPORT

### SOFTLINES WASTEWATER TESTING

Number : GZHT02481635

Date : Oct 20, 2021

Factory:

Factory's Name : Guangdong Esquel Textiles Company Limited  
Address : Cangjiang Exports Processing Zone, Gaoming District, Foshan City, Guangdong  
On-site Wastewater treatment plant : Yes  
Type of wastewater discharge : Direct discharge  
Date of sampling : Refer To The Following Remark  
Sample type :  
Sample / Wastewater : [Light Yellow, composite sample at 12:20, 13:20, 14:20, 15:20, 16:20, (treated) : 17:20, 18:20]◇1  
Sample / Sludge : [Yellow, grab at 15:35]◇2  
ZDHC Sampler Accreditation : 8F146506983 & 8F146507027  
Certification Number :  
Local legal standard name<sup>[a]</sup> : Discharge limits of water pollutants;  
Discharge standards of water pollutants for dyeing and finishing of textile industry  
Local legal standard no.<sup>[a]</sup> : DB44/26-2001;  
GB 4287-2012  
Parameters (ZDHC WWG V1.1, Table 1A-1B) exceeded local regulation : No exceeded  
Discharge permit provided : Yes  
Ambient temperature of receiving water body : N/A  
Date received/Date test started : Refer To The Following Remark

Remark: The Temperature of Receiving Water body (Gaoming River) was not measured due to safety issue.  
◇1= No Sample is Submitted For Testing, All Test Results Are Referred To Previous Report GZHT02463644 dated Sep 16, 2021.  
◇2= No Sample is Submitted For Testing, All Test Results Ares Referred To Previous Report GZHT02463705 dated Sep 16, 2021.

---

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

---

Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch



James Ma  
Textile lab Senior Manager



## TEST REPORT

### SOFTLINES WASTEWATER TESTING

Number : GZHT02481635

#### Summary of test results:

| Wastewater / Conventional parameters - Test items | Wastewater (Treated) |             |              |
|---|----------------------|-------------|--------------|
|   | Foundational         | Progressive | Aspirational |
| Temperature [°C] / Δ                              | 39.3 °C              |             |              |
| TSS   |                      | X           |              |
| COD   |                      | X           |              |
| Total-N   |                      | X           |              |
| pH  | 8.8                  |             |              |
| Colour [m-1]                                      |                      | X           |              |
| BOD <sub>5</sub>                                  |                      | X           |              |
| Ammonium-N  |                      | X           |              |
| Total-P   |                      | X           |              |
| AOX   |                      | X           |              |
| Oil and grease                                    |                      |             | X            |
| Phenol  |                      |             | X            |
| Coliform [bacterial/100 ml]                       |                      |             | X            |
| Foam  | Not visible          |             |              |
| Cyanide   |                      |             | X            |
| Sulfide   |                      |             | X            |
| Sulfite   |                      |             | X            |

Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch



James Ma  
Textile lab Senior Manager



## TEST REPORT

### SOFTLINES WASTEWATER TESTING

Number : GZHT02481635

| Wastewater / Heavy metals - Test items | Wastewater (Treated) |             |              |
|--|----------------------|-------------|--------------|
|  | Foundational         | Progressive | Aspirational |
| Antimony, Sb                           |                      |             | X            |
| Chromium, Cr (total)                   |                      |             | X            |
| Cobalt, Co                             |                      |             | X            |
| Copper, Cu                             |                      |             | X            |
| Nickel, Ni                             |                      |             | X            |
| Silver, Ag                             |                      |             | X            |
| Zinc, Zn                               |                      |             | X            |
| Arsenic, As                            |                      |             | X            |
| Cadmium, Cd                            |                      |             | X            |
| Chromium (VI), Cr VI                   |                      |             | X            |
| Lead, Pb                               |                      |             | X            |
| Mercury, Hg                            |                      |             | X            |

Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch



James Ma  
Textile lab Senior Manager



## TEST REPORT

### SOFTLINES WASTEWATER TESTING

Number : GZHT02481635

| Test items   | Incoming Water | Wastewater (Treated) | Sludge   |
|--|----------------|----------------------|----------|
| Cyanide  | NA             | ND                   | ND       |
| Sulfide  | NA             | ND                   | NA       |
| Sulfite  | NA             | ND                   | NA       |
| Heavy metals                                       | -              | D                    | <b>D</b> |
| Alkylphenol ethoxylates / Alkylphenols (APEOs/APs) | -              | ND                   | <b>D</b> |
| Chlorobenzenes and Chlorotoluenes                  | -              | ND                   | ND       |
| Chlorophenols                                      | -              | ND                   | ND       |
| Azo dyes (Forming restricted amines)               | -              | ND                   | ND       |
| Carcinogenic dyes                                  | -              | ND                   | ND       |
| Disperse dyes                                      | -              | ND                   | ND       |
| Flame retardants                                   | -              | ND                   | ND       |
| Glycols  | -              | ND                   | ND       |
| Halogenated solvents                               | -              | ND                   | ND       |
| Organotin compounds                                | -              | ND                   | ND       |
| Perfluorinated & Polyfluorinated chemicals (PFCs)  | -              | ND                   | ND       |
| Phthalates (Ortho-phthalates)                      | -              | ND                   | ND       |
| Polycyclic aromatic hydrocarbons (PAHs)            | -              | ND                   | ND       |
| Volatile organic compounds (VOCs)                  | -              | ND                   | ND       |

#### Note :

ND = Not detected

D = Detected

N/A = Not applicable

- = Did not perform

# = No comment

\* = See Remark

[a] = The local legal standard name and legal standard no. is referenced to discharge permit (or contractual agree by CETP) that provided by applicant.

This report shown the test result of the environment samples of above factory which collected on specific date and time. The results of this report shall not be used for any regulatory compliance purposes.

Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch



James Ma  
Textile lab Senior Manager



**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

**Sample / Wastewater**

1 Conventional Parameters:

| Parameters                   | Test method  | Limit        |             |              | Legal* Requirement | Reporting limit     | Result                |
|------------------------------|--|--------------|-------------|--------------|--------------------|---------------------|-----------------------|
|                              |  | Foundational | Progressive | Aspirational |                    |                     | Wastewater (Treated)  |
| Temperature                  | GB/T 13195 / EPA 170.1                                 | △15 or 35°C  | △10 or 30°C | △5 or 25°C   | N/A                | N/A                 | 39.3 (°C)             |
| TSS                          | GB/T 11901 / EPA 160.2                                 | 50 mg/L      | 15 mg/L     | 5 mg/L       | 50mg/L             | 5 mg/L              | 6 (mg/L)              |
| COD                          | HJ 828 / ISO 6060                                      | 150 mg/L     | 80 mg/L     | 40 mg/L      | 80mg/L             | 16 mg/L             | 52 (mg/L)             |
| Total-N                      | HJ 636 / ISO 5663                                      | 20 mg/L      | 10 mg/L     | 5 mg/L       | 15mg/L             | 1 mg/L              | 8.96 (mg/L)           |
| pH                           | HJ 1147 / EPA 150.1                                    | 6-9          |             |              |                    | N/A                 | 8.8                   |
| Colour [m-1]                 | ISO 7887-B   | 7;5;3        | 5;3;2       | 2;1;1        | N/A                | N/A                 | 2.70; 1.77; 0.69      |
| BOD <sub>5</sub>             | HJ 505 / APHA 5210                                     | 30 mg/L      | 15 mg/L     | 5 mg/L       | 20mg/L             | 2.0 mg/L            | 5.7 (mg/L)            |
| Ammonium-N                   | HJ 535 / ISO 11732                                     | 10 mg/L      | 1 mg/L      | 0.5 mg/L     | 10mg/L             | 0.2 mg/L            | 0.869 (mg/L)          |
| Total-P                      | GB/T 11893 / ISO 11885                                 | 3 mg/L       | 0.5 mg/L    | 0.1 mg/L     | 0.5mg/L            | 0.04 mg/L           | 0.22 (mg/L)           |
| AOX                          | HJ/T 83 / ISO 9562                                     | 5 mg/L       | 1 mg/L      | 0.1 mg/L     | N/A                | 0.06 mg/L           | 0.125 (mg/L)          |
| Oil and grease               | HJ 637 / ISO 9377-2                                    | 10 mg/L      | 2 mg/L      | 0.5 mg/L     | N/A                | 0.5 mg/L            | ND                    |
| Phenol                       | HJ 503 / ISO 14402                                     | 0.5 mg/L     | 0.01 mg/L   | 0.001 mg/L   | N/A                | 0.001 mg/L          | ND                    |
| Coliform [bacterial/ 100 ml] | GB/T 5750.12 / ISO 9308-1                              | 400          | 100         | 25           | N/A                | 2 bacterial/ 100 mL | 5 (bacterial/ 100 mL) |
| Foam                         | /  | Not visible  |             |              |                    | N/A                 | Not visible           |
| Cyanide                      | HJ484 / ISO 6703 / ISO 14403                           | 0.2 mg/L     | 0.1 mg/L    | 0.05 mg/L    | N/A                | 0.02 mg/L           | ND                    |
| Sulfide                      | GB/T 16489 / APHA 4500-S2-D                            | 0.5 mg/L     | 0.05 mg/L   | 0.01 mg/L    | 0.5mg/L            | 0.01 mg/L           | ND                    |
| Sulfite                      | HJ84/ISO 10304-3 / USEPA 377.1 SM 4500 SO <sub>3</sub> | 2 mg/L       | 0.5 mg/L    | 0.2 mg/L     | N/A                | 0.2 mg/L            | ND                    |

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

Remark: ND = Not detected

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

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

2 Heavy Metals:

With reference to ISO 11885, ISO 18412, ISO 12846, ISO 17852, US EPA 200.7, US EPA 200.8, US EPA 6010c, US EPA 6020a, US EPA 218.6, GB 7467, HJ700, GB7475 and by Inductively Coupled Argon Plasma-Mass Spectrometry (ICP-MS) analysis, or by Colourimetric UV/VIS or Colourimetric IC analysis.

| Chemical substances  | CAS no.    | Limit               |                    |                     | Legal* Requirement (mg/L) | Reporting limit (mg/L) | Wastewater (Treated) (mg/L) |
|----------------------|------------|---------------------|--------------------|---------------------|---------------------------|------------------------|-----------------------------|
|                      |            | Foundational (mg/L) | Progressive (mg/L) | Aspirational (mg/L) |                           |                        |                             |
| Antimony, Sb         | 7440-36-0  | 0.1                 | 0.05               | 0.01                | N/A                       | 0.001                  | 0.009                       |
| Chromium, Cr (total) | 7440-47-3  | 0.2                 | 0.1                | 0.05                | N/A                       | 0.001                  | 0.001                       |
| Cobalt, Co           | 7440-48-4  | 0.05                | 0.02               | 0.01                | N/A                       | 0.001                  | ND                          |
| Copper, Cu           | 7440-50-8  | 1.0                 | 0.5                | 0.25                | N/A                       | 0.001                  | 0.010                       |
| Nickel, Ni           | 7440-02-0  | 0.2                 | 0.1                | 0.05                | N/A                       | 0.001                  | 0.015                       |
| Silver, Ag           | 7440-22-4  | 0.1                 | 0.05               | 0.005               | N/A                       | 0.001                  | 0.002                       |
| Zinc, Zn             | 7440-66-6  | 5.0                 | 1.0                | 0.5                 | N/A                       | 0.001                  | 0.029                       |
| Arsenic, As          | 7440-38-2  | 0.05                | 0.01               | 0.005               | N/A                       | 0.001                  | ND                          |
| Cadmium, Cd          | 7440-43-9  | 0.1                 | 0.05               | 0.01                | N/A                       | 0.0001                 | ND                          |
| Chromium (VI), Cr VI | 18540-29-9 | 0.05                | 0.005              | 0.001               | N/A                       | 0.001                  | ND                          |
| Lead, Pb             | 7439-92-1  | 0.1                 | 0.05               | 0.01                | N/A                       | 0.001                  | ND                          |
| Mercury, Hg          | 7439-97-6  | 0.01                | 0.005              | 0.001               | N/A                       | 0.00005                | ND                          |

Remark : ND = Not detected

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

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

3 Alkylphenol ethoxylates / Alkylphenols (APEOs/APs):

With reference to ISO 18857-2/ASTM D7065, ISO 18254-1/2, and by Gas Chromatography-Mass Spectrometry (GC-MS) and Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical substances                | CAS no.  | Reporting limit<br>(µg/L) | Waste water (Treated)<br>(µg/L) |
|------------------------------------|--|---------------------------|---------------------------------|
| Nonylphenol(NP),<br>mixed isomers  | 104-40-5;<br>11066-49-2;<br>25154-52-3;<br>84852-15-3                  | 5.0                       | ND                              |
| Octylphenol (OP),<br>mixed isomers | 140-66-9;<br>1806-26-4;<br>27193-28-8                                  | 5.0                       | ND                              |
| Nonylphenol ethoxylates (NPEO)     | 9016-45-9;<br>26027-38-3;<br>37205-87-1;<br>68412-54-4;<br>127087-87-0 | 5.0                       | ND                              |
| Octylphenol ethoxylates (OPEO)     | 9002-93-1;<br>9036-19-5;<br>68987-90-6                                 | 5.0                       | ND                              |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

4 Chlorobenzenes And Chlorotoluenes:

With reference to US EPA 8260B, US EPA 8270D, and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical substances        | CAS no.    | Reporting limit (µg/L) | Wastewater (Treated) (µg/L) |
|----------------------------|------------|------------------------|-----------------------------|
| Monochlorobenzene          | 108-90-7   | 0.2                    | ND                          |
| 1,2-Dichlorobenzene        | 95-50-1    | 0.2                    | ND                          |
| 1,3-Dichlorobenzene        | 541-73-1   | 0.2                    | ND                          |
| 1,4-Dichlorobenzene        | 106-46-7   | 0.2                    | ND                          |
| 1,2,4-Trichlorobenzene     | 120-82-1   | 0.2                    | ND                          |
| 1,2,3-Trichlorobenzene     | 87-61-6    | 0.2                    | ND                          |
| 1,3,5-Trichlorobenzene     | 108-70-3   | 0.2                    | ND                          |
| 1,2,3,4-Tetrachlorobenzene | 634-66-2   | 0.2                    | ND                          |
| 1,2,3,5-Tetrachlorobenzene | 634-90-2   | 0.2                    | ND                          |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3    | 0.2                    | ND                          |
| Pentachlorobenzene         | 608-93-5   | 0.2                    | ND                          |
| Hexachlorobenzene          | 118-74-1   | 0.2                    | ND                          |
| 2-Chlorotoluene            | 95-49-8    | 0.2                    | ND                          |
| 3-Chlorotoluene            | 108-41-8   | 0.2                    |                             |
| 4-Chlorotoluene            | 106-43-4   | 0.2                    |                             |
| 2,3-Dichlorotoluene        | 32768-54-0 | 0.2                    | ND                          |
| 3,4-Dichlorotoluene        | 95-75-0    | 0.2                    | ND                          |
| 2,4-Dichlorotoluene        | 95-73-8    | 0.2                    |                             |
| 2,5-Dichlorotoluene        | 19398-61-9 | 0.2                    |                             |
| 2,6-Dichlorotoluene        | 118-69-4   | 0.2                    | ND                          |
| 3,5-Dichlorotoluene        | 25186-47-4 | 0.2                    | ND                          |
| 2,3,4-Trichlorotoluene     | 7359-72-0  | 0.2                    | ND                          |
| 2,3,6-Trichlorotoluene     | 2077-46-5  | 0.2                    | ND                          |
| 3,4,5-Trichlorotoluene     | 21472-86-6 | 0.2                    |                             |
| 2,4,5-Trichlorotoluene     | 6639-30-1  | 0.2                    |                             |
| 2,4,6-Trichlorotoluene     | 23749-65-7 | 0.2                    | ND                          |
| 2,3,4,5-Tetrachlorotoluene | 76057-12-0 | 0.2                    | ND                          |
| 2,3,5,6-Tetrachlorotoluene | 29733-70-8 | 0.2                    | ND                          |
| 2,3,4,6-Tetrachlorotoluene | 875-40-1   | 0.2                    |                             |
| Pentachlorotoluene         | 877-11-2   | 0.2                    |                             |

Remark : ND = Not detected



**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

5 Chlorophenols:

With reference to US EPA 8270D and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical Substances       | CAS No.    | Reporting Limit<br>(µg/L) | Wastewater (Treated)<br>(µg/L) |
|---------------------------|------------|---------------------------|--------------------------------|
| 2-Chlorophenol            | 95-57-8    | 0.5                       | ND                             |
| 2,4-Dichlorophenol        | 120-83-2   | 0.5                       | ND                             |
| 2,5-Dichlorophenol        | 583-78-8   | 0.5                       | ND                             |
| 2,6-Dichlorophenol        | 87-65-0    | 0.5                       | ND                             |
| Pentachlorophenol (PCP)   | 87-86-5    | 0.5                       | ND                             |
| 2,3,4,6-Tetrachlorophenol | 58-90-2    | 0.5                       | ND                             |
| 2,4,5-Trichlorophenol     | 95-95-4    | 0.5                       | ND                             |
| 2,4,6-Trichlorophenol     | 88-06-2    | 0.5                       | ND                             |
| 2,3,4,5-Tetrachlorophenol | 4901-51-3  | 0.5                       | ND                             |
| 2,3,5,6-Tetrachlorophenol | 935-95-5   | 0.5                       | ND                             |
| 2,3,6-Trichlorophenol     | 933-75-5   | 0.5                       | ND                             |
| 2,3,4-Trichlorophenol     | 15950-66-0 | 0.5                       | ND                             |
| 2,3,5-Trichlorophenol     | 933-78-8   | 0.5                       | ND                             |
| 3,4,5-Trichlorophenol     | 609-19-8   | 0.5                       | ND                             |
| 3,5- Dichlorophenol       | 591-35-5   | 0.5                       | ND                             |
| 2,3-Dichlorophenol        | 576-24-9   | 0.5                       | ND                             |
| 3,4-Dichlorophenol        | 95-77-2    | 0.5                       | ND                             |
| 3-chlorophenol            | 108-43-0   | 0.5                       | ND                             |
| 4-chlorophenol            | 106-48-9   | 0.5                       | ND                             |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

6 Azo Dyes (Forming Restricted Amines):

With reference to EN 14362-1/3, and by Gas Chromatographic - Mass Spectrometric (GC-MS) or and Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical Substances                  | CAS No.  | Reporting Limit<br>(µg/L) | Wastewater (Treated)<br>(µg/L) |
|--------------------------------------|----------|---------------------------|--------------------------------|
| 2,4,5-Trimethylaniline               | 137-17-7 | 0.1                       | ND                             |
| 4-methoxy-m-phenylenediamine         | 615-05-4 | 0.1                       | ND                             |
| 4-methyl-m-phenylenediamine          | 95-80-7  | 0.1                       | ND                             |
| 2,4-Xylidine                         | 95-68-1  | 0.1                       | ND                             |
| 2,6-Xylidine                         | 87-62-7  | 0.1                       | ND                             |
| 2-Naphthylamine                      | 91-59-8  | 0.1                       | ND                             |
| 3,3'-Dichlorobenzidine               | 91-94-1  | 0.1                       | ND                             |
| 3,3'-Dimethoxybenzidine              | 119-90-4 | 0.1                       | ND                             |
| 4,4'-methylenedi-o-toluidine         | 838-88-0 | 0.1                       | ND                             |
| 3,3'-Dimethylbenzidine               | 119-93-7 | 0.1                       | ND                             |
| 4,4'-methylenedianiline              | 101-77-9 | 0.1                       | ND                             |
| 4,4'-Methylene-bis (2-chloroaniline) | 101-14-4 | 0.1                       | ND                             |
| 4,4'-Oxydianiline                    | 101-80-4 | 0.1                       | ND                             |
| 4,4'-Thiodianiline                   | 139-65-1 | 0.1                       | ND                             |
| 4-Aminodiphenyl                      | 92-67-1  | 0.1                       | ND                             |
| 4-Chloroaniline                      | 106-47-8 | 0.1                       | ND                             |
| 4-Chloro-o-toluidine                 | 95-69-2  | 0.1                       | ND                             |
| 5-Nitro-o-toluidine                  | 99-55-8  | 0.1                       | ND                             |
| 4-Aminoazobenzene                    | 60-09-3  | 0.1                       | ND                             |
| Benzidine                            | 92-87-5  | 0.1                       | ND                             |
| o-Aminoazotoluene                    | 97-56-3  | 0.1                       | ND                             |
| o-Anisidine                          | 90-04-0  | 0.1                       | ND                             |
| o-Toluidine                          | 95-53-4  | 0.1                       | ND                             |
| 6-methoxy-m-toluidine                | 120-71-8 | 0.1                       | ND                             |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

7 Carcinogenic dyes:

By Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical Substances                                  | CAS No.    | Reporting Limit (µg/L) | Wastewater (Treated) (µg/L) |
|--|------------|------------------------|-----------------------------|
| C.I. Direct Black 38                                 | 1937-37-7  | 500                    | ND                          |
| C.I. Direct Blue 6                                   | 2602-46-2  | 500                    | ND                          |
| C.I. Acid Red 26                                     | 3761-53-3  | 500                    | ND                          |
| C.I. Basic Red 9                                     | 569-61-9   | 500                    | ND                          |
| C.I. Direct Red 28                                   | 573-58-0   | 500                    | ND                          |
| C.I. Basic Violet 14                                 | 632-99-5   | 500                    | ND                          |
| C.I. Disperse Blue 1                                 | 2475-45-8  | 500                    | ND                          |
| C.I. Disperse Blue 3                                 | 2475-46-9  | 500                    | ND                          |
| C.I. Basic Blue 26<br>(with Michler's Ketone > 0.1%) | 2580-56-5  | 500                    | ND                          |
| C.I. Basic Green 4<br>(malachite green chloride)     | 569-64-2   | 500                    | ND                          |
| C.I. Basic Green 4<br>(malachite green oxalate)      | 2437-29-8  | 500                    | ND                          |
| C.I. Basic Green 4 (malachite green)                 | 10309-95-2 | 500                    | ND                          |
| Disperse Orange 11                                   | 82-28-0    | 500                    | ND                          |

Remark : ND = Not detected

**TEST REPORT****SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

## 8 Disperse dyes:

By Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical Substances      | CAS No.                  | Reporting Limit<br>(µg/L) | Waste water (Treated)<br>(µg/L) |
|--------------------------|--------------------------|---------------------------|---------------------------------|
| Disperse Yellow 1        | 119-15-3                 | 50                        | ND                              |
| Disperse Blue 102        | 12222-97-8               | 50                        | ND                              |
| Disperse Blue 106        | 12223-01-7               | 50                        | ND                              |
| Disperse Yellow 39       | 12236-29-2               | 50                        | ND                              |
| Disperse Orange 37/59/76 | 13301-61-6               | 50                        | ND                              |
| Disperse Brown 1         | 23355-64-8               | 50                        | ND                              |
| Disperse Orange 1        | 2581-69-3                | 50                        | ND                              |
| Disperse Yellow 3        | 2832-40-8                | 50                        | ND                              |
| Disperse Red 11          | 2872-48-2                | 50                        | ND                              |
| Disperse Red 1           | 2872-52-8                | 50                        | ND                              |
| Disperse Red 17          | 3179-89-3                | 50                        | ND                              |
| Disperse Blue 7          | 3179-90-6                | 50                        | ND                              |
| Disperse Blue 26         | 3860-63-7                | 50                        | ND                              |
| Disperse Yellow 49       | 54824-37-2               | 50                        | ND                              |
| Disperse Blue 35         | 12222-75-2<br>56524-77-7 | 50                        | ND                              |
| Disperse Blue 124        | 61951-51-7               | 50                        | ND                              |
| Disperse Yellow 9        | 6373-73-5                | 50                        | ND                              |
| Disperse Orange 3        | 730-40-5                 | 50                        | ND                              |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

9 Flame Retardants:

With reference to US EPA 8270, ISO 22032, US EPA 527, EPA 8321B, and by Gas Chromatography - Mass Spectrometry (GC-MS) analysis and Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical Substances                                | CAS No.    | Reporting Limit (µg/L) | Wastewater (Treated) (µg/L) |
|--|------------|------------------------|-----------------------------|
| Decabromodiphenyl ether (DecaBDE)                  | 1163-19-5  | 5.0                    | ND                          |
| Pentabromodiphenyl ether (PentaBDE)                | 32534-81-9 | 5.0                    | ND                          |
| Octabromodiphenylether (OctaBDE)                   | 32536-52-0 | 5.0                    | ND                          |
| Tris(1-aziridiny) phosphine oxide (TEPA)           | 545-55-1   | 5.0                    | ND                          |
| Polybromobiphenyls (PBBs)                          | 59536-65-1 | 5.0                    | ND                          |
| Tris(2,3-dibromopropyl) phosphate (TRIS)           | 126-72-7   | 5.0                    | ND                          |
| Tetrabromobisphenol A (TBBPA)                      | 79-94-7    | 5.0                    | ND                          |
| Tris(2-chloroethyl) phosphate (TCEP)               | 115-96-8   | 5.0                    | ND                          |
| Bis(2,3-dibromopropyl) phosphate (BIS)             | 5412-25-9  | 5.0                    | ND                          |
| Hexabromocyclododecane (HBCDD)                     | 3194-55-6  | 5.0                    | ND                          |
| 2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)        | 3296-90-0  | 5.0                    | ND                          |
| Tris(1,3-dichloro-isopropyl) phosphate (TDCP)      | 13674-87-8 | 5.0                    | ND                          |
| Short-chain chlorinated paraffins (SCCP) (C10-C13) | 85535-84-8 | 5.0                    | ND                          |

Remark : ND = Not detected

**TEST REPORT****SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

## 10 Glycols:

With reference to US EPA 8270 and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical Substances               | CAS No.    | Reporting Limit<br>(µg/L) | Wastewater (Treated) |
|-----------------------------------|------------|---------------------------|----------------------|
|                                   |            |                           | (µg/L)               |
| Bis(2-methoxyethyl)-ether         | 111-96-6   | 50                        | ND                   |
| 2-ethoxyethanol                   | 110-80-5   | 50                        | ND                   |
| 2-ethoxyethyl acetate             | 111-15-9   | 50                        | ND                   |
| Ethylene glycol dimethyl ether    | 110-71-4   | 50                        | ND                   |
| 2-methoxyethanol                  | 109-86-4   | 50                        | ND                   |
| 2-methoxyethylacetate             | 110-49-6   | 50                        | ND                   |
| 2-methoxypropylacetate            | 70657-70-4 | 50                        | ND                   |
| Triethylene glycol dimethyl ether | 112-49-2   | 50                        | ND                   |

Remark : ND = Not detected

## 11 Halogenated Solvents:

With reference to US EPA 8260B, and by Headspace Gas Chromatography Mass Spectrometric (HS-GC/MS) analysis.

| Chemical Substances | CAS No.  | Reporting Limit<br>(µg/L) | Wastewater (Treated) |
|---------------------|----------|---------------------------|----------------------|
|                     |          |                           | (µg/L)               |
| 1,2-Dichloroethane  | 107-06-2 | 1.0                       | ND                   |
| Methylene chloride  | 75-09-2  | 1.0                       | ND                   |
| Tetrachloroethylene | 127-18-4 | 1.0                       | ND                   |
| Trichloroethylene   | 79-01-6  | 1.0                       | ND                   |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

12 Organotin Compounds:

With reference to ISO 17353, and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical Substances                      | CAS No.  | Reporting Limit<br>(µg/L) | Wastewater (Treated)<br>(µg/L) |
|--|----------|---------------------------|--------------------------------|
| Mono-, di- and tri-butyltin derivatives  | Multiple | 0.01                      | ND                             |
| Mono, di-, and tri-octyltin derivatives  | Multiple | 0.01                      | ND                             |
| Mono, di-, and tri-methyltin derivatives | Multiple | 0.01                      | ND                             |
| Mono, di-, and tri-phenyltin derivatives | Multiple | 0.01                      | ND                             |

Remark : ND = Not detected

13 Perfluorinated & Polyfluorinated Chemicals (PFCs):

With reference to DIN 38407-42 (modified), and Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis and Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical Substances | CAS No.                                | Reporting Limit<br>(µg/L) | Wastewater (Treated)<br>(µg/L) |
|---------------------|--|---------------------------|--------------------------------|
| PFOA                | 335-67-1                               | 0.01                      | ND                             |
| PFOS                | 1763-23-1                              | 0.01                      | ND                             |
| PFBS                | 375-73-5;<br>29420-49-3;<br>29420-43-3 | 0.01                      | ND                             |
| PFHxA               | 307-24-4                               | 0.01                      | ND                             |
| 8:2 FTOH            | 678-39-7                               | 1.0                       | ND                             |
| 6:2 FTOH            | 647-42-7                               | 1.0                       | ND                             |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

14 Phthalates (Ortho-Phthalates):

With reference to US EPA 8270D, ISO 18856 and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

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

Remark : ND = Not detected



**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

15 Polycyclic Aromatic Hydrocarbons (PAHs):

With reference to US EPA 8270, DIN 38407-39 and by Gas Chromatography - Mass Spectrometry (GC-MS) analysis.

| Chemical Substances    | CAS No.  | Reporting Limit<br>(µg/L) | Wastewater (Treated)<br>(µg/L) |
|------------------------|----------|---------------------------|--------------------------------|
| Benzo[a]pyrene (BaP)   | 50-32-8  | 1.0                       | ND                             |
| Anthracene             | 120-12-7 | 1.0                       | ND                             |
| Pyrene                 | 129-00-0 | 1.0                       | ND                             |
| Benzo[ghi]perylene     | 191-24-2 | 1.0                       | ND                             |
| Benzo[e]pyrene         | 192-97-2 | 1.0                       | ND                             |
| Indeno[1,2,3-cd]pyrene | 193-39-5 | 1.0                       | ND                             |
| Benzo[j]fluoranthene   | 205-82-3 | 1.0                       | ND                             |
| Benzo[b]fluoranthene   | 205-99-2 | 1.0                       | ND                             |
| Fluoranthene           | 206-44-0 | 1.0                       | ND                             |
| Benzo[k]fluoranthene   | 207-08-9 | 1.0                       | ND                             |
| Acenaphthylene         | 208-96-8 | 1.0                       | ND                             |
| Chrysene               | 218-01-9 | 1.0                       | ND                             |
| Dibenz[a,h]anthracene  | 53-70-3  | 1.0                       | ND                             |
| Benzo[a]anthracene     | 56-55-3  | 1.0                       | ND                             |
| Acenaphthene           | 83-32-9  | 1.0                       | ND                             |
| Phenanthrene           | 85-01-8  | 1.0                       | ND                             |
| Fluorene               | 86-73-7  | 1.0                       | ND                             |
| Naphthalene            | 91-20-3  | 1.0                       | ND                             |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

16 Volatile Organic Compounds (VOCs):

With reference to ISO 11423-1 by Headspace Gas Chromatography Mass Spectrometric (HS-GC/MS) analysis.  
With reference to US EPA 8270D, and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical substances | CAS no.   | Reporting limit<br>(µg/L) | Wastewater (Treated)<br>(µg/L) |
|---------------------|-----------|---------------------------|--------------------------------|
| Benzene             | 71-43-2   | 1.0                       | ND                             |
| Xylene              | 1330-20-7 | 1.0                       | ND                             |
| o-cresol            | 95-48-7   | 1.0                       | ND                             |
| p-cresol            | 106-44-5  | 1.0                       | ND                             |
| m-cresol            | 108-39-4  | 1.0                       | ND                             |

Remark : ND = Not detected

**Sample / Sludge**

The moisture percentage of the sludge is 11.8%(w/w)

17 Heavy Metals:

Other heavy metals: With reference to US EPA 3050, US EPA 6010D, US EPA 6020B, US EPA 7471B, US EPA 3051A, and by Inductively Coupled Argon Plasma-Mass Spectrometry (ICP-MS).

Chromium (VI): With reference to US EPA 3060A, US EPA 7196, US EPA 7199, and by Colourimetric UV/VIS or Colourimetric IC analysis.

Cyanide: With reference to US EPA 9013, US EPA 9014, US EPA 9213, ISO 11262, HJ 745, and by Colourimetry or ISE analysis.

| Chemical substances  | CAS no.    | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|----------------------|------------|--|---------------------------------|
| Lead, Pb             | 7439-92-1  | 2.0                                      | 9.3                             |
| Cadmium, Cd          | 7440-43-9  | 2.0                                      | 3.3                             |
| Mercury, Hg          | 7439-97-6  | 0.2                                      | ND                              |
| Arsenic, As          | 7440-38-2  | 2.0                                      | 5.4                             |
| Chromium (VI), Cr VI | 18540-29-9 | 2.0                                      | ND                              |
| Cyanide              | NA         | 1.0                                      | ND                              |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

18 Alkylphenol ethoxylates / Alkylphenols (APEOs/APs):

With reference to US EPA 3540/3541, US EPA 3550, US EPA 3560, ISO 18857-2, ASTM D7065, ISO 18254-1, and by Gas Chromatography-Mass Spectrometry (GC-MS) and Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical substances             | CAS no.  | Reporting limit (Dry weight) mg/kg | Sludge (Dry weight) mg/kg |
|---------------------------------|--|------------------------------------|---------------------------|
| Nonylphenol (NP), mixed isomers | 104-40-5;<br>11066-49-2;<br>25154-52-3;<br>84852-15-3                  | 0.4                                | 5.9                       |
| Octylphenol (OP), mixed isomers | 140-66-9;<br>1806-26-4;<br>27193-28-8                                  | 0.4                                | ND                        |
| Nonylphenol ethoxylates (NPEO)  | 9016-45-9;<br>26027-38-3;<br>37205-87-1;<br>68412-54-4;<br>127087-87-0 | 0.4                                | 1.5                       |
| Octylphenol ethoxylates (OPEO)  | 9002-93-1;<br>9036-19-5;<br>68987-90-6                                 | 0.4                                | ND                        |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

19 Chlorobenzenes And Chlorotoluenes:

With reference to US EPA 3540/3541, US EPA 3550, US EPA 3560, US EPA 3650, US EPA 8270, and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical substances        | CAS no.    | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|----------------------------|------------|--|---------------------------------|
| Monochlorobenzene          | 108-90-7   | 0.2                                      | ND                              |
| 1,2-Dichlorobenzene        | 95-50-1    | 0.2                                      | ND                              |
| 1,3-Dichlorobenzene        | 541-73-1   | 0.2                                      | ND                              |
| 1,4-Dichlorobenzene        | 106-46-7   | 0.2                                      | ND                              |
| 1,2,4-Trichlorobenzene     | 120-82-1   | 0.2                                      | ND                              |
| 1,2,3-Trichlorobenzene     | 87-61-6    | 0.2                                      | ND                              |
| 1,3,5-Trichlorobenzene     | 108-70-3   | 0.2                                      | ND                              |
| 1,2,3,4-Tetrachlorobenzene | 634-66-2   | 0.2                                      | ND                              |
| 1,2,3,5-Tetrachlorobenzene | 634-90-2   | 0.2                                      | ND                              |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3    | 0.2                                      | ND                              |
| Pentachlorobenzene         | 608-93-5   | 0.2                                      | ND                              |
| Hexachlorobenzene          | 118-74-1   | 0.2                                      | ND                              |
| 2-Chlorotoluene            | 95-49-8    | 0.2                                      | ND                              |
| 3-Chlorotoluene            | 108-41-8   | 0.2                                      |                                 |
| 4-Chlorotoluene            | 106-43-4   | 0.2                                      |                                 |
| 2,3-Dichlorotoluene        | 32768-54-0 | 0.2                                      | ND                              |
| 3,4-Dichlorotoluene        | 95-75-0    | 0.2                                      |                                 |
| 2,4-Dichlorotoluene        | 95-73-8    | 0.2                                      |                                 |
| 2,5-Dichlorotoluene        | 19398-61-9 | 0.2                                      | ND                              |
| 2,6-Dichlorotoluene        | 118-69-4   | 0.2                                      |                                 |
| 3,5-Dichlorotoluene        | 25186-47-4 | 0.2                                      |                                 |
| 2,3,4-Trichlorotoluene     | 7359-72-0  | 0.2                                      | ND                              |
| 2,3,6-Trichlorotoluene     | 2077-46-5  | 0.2                                      |                                 |
| 3,4,5-Trichlorotoluene     | 21472-86-6 | 0.2                                      |                                 |
| 2,4,5-Trichlorotoluene     | 6639-30-1  | 0.2                                      | ND                              |
| 2,4,6-Trichlorotoluene     | 23749-65-7 | 0.2                                      |                                 |
| 2,3,4,5-Tetrachlorotoluene | 76057-12-0 | 0.2                                      |                                 |
| 2,3,5,6-Tetrachlorotoluene | 29733-70-8 | 0.2                                      | ND                              |
| 2,3,4,6-Tetrachlorotoluene | 875-40-1   | 0.2                                      |                                 |
| Pentachlorotoluene         | 877-11-2   | 0.2                                      |                                 |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

20 Chlorophenols:

With reference to ISO 14154, and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical substances       | CAS no.    | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|---------------------------|------------|--|---------------------------------|
| 2-Chlorophenol            | 95-57-8    | 0.05                                     | ND                              |
| 2,4-Dichlorophenol        | 120-83-2   | 0.05                                     | ND                              |
| 2,5-Dichlorophenol        | 583-78-8   | 0.05                                     | ND                              |
| 2,6-Dichlorophenol        | 87-65-0    | 0.05                                     | ND                              |
| Pentachlorophenol (PCP)   | 87-86-5    | 0.05                                     | ND                              |
| 2,3,4,6-Tetrachlorophenol | 58-90-2    | 0.05                                     | ND                              |
| 2,4,5-Trichlorophenol     | 95-95-4    | 0.05                                     | ND                              |
| 2,4,6-Trichlorophenol     | 88-06-2    | 0.05                                     | ND                              |
| 2,3,4,5-Tetrachlorophenol | 4901-51-3  | 0.05                                     | ND                              |
| 2,3,5,6-Tetrachlorophenol | 935-95-5   | 0.05                                     | ND                              |
| 2,3,6-Trichlorophenol     | 933-75-5   | 0.05                                     | ND                              |
| 2,3,4-Trichlorophenol     | 15950-66-0 | 0.05                                     | ND                              |
| 2,3,5-Trichlorophenol     | 933-78-8   | 0.05                                     | ND                              |
| 3,4,5-Trichlorophenol     | 609-19-8   | 0.05                                     | ND                              |
| 3,5- Dichlorophenol       | 591-35-5   | 0.05                                     | ND                              |
| 2,3-Dichlorophenol        | 576-24-9   | 0.05                                     | ND                              |
| 3,4-Dichlorophenol        | 95-77-2    | 0.05                                     | ND                              |
| 3-chlorophenol            | 108-43-0   | 0.05                                     | ND                              |
| 4-chlorophenol            | 106-48-9   | 0.05                                     | ND                              |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

21 Azo Dyes (Forming Restricted Amines):

With reference to ISO 14362-1/3, and by Gas Chromatographic - Mass Spectrometric (GC-MS) or and Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical substances                 | CAS no.  | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|-------------------------------------|----------|--|---------------------------------|
| 2,4,5-Trimethylaniline              | 137-17-7 | 0.2                                      | ND                              |
| 4-methoxy-m-phenylenediamine        | 615-05-4 | 0.2                                      | ND                              |
| 4-methyl-m-phenylenediamine         | 95-80-7  | 0.2                                      | ND                              |
| 2,4-Xylidine                        | 95-68-1  | 0.2                                      | ND                              |
| 2,6-Xylidine                        | 87-62-7  | 0.2                                      | ND                              |
| 2-Naphthylamine                     | 91-59-8  | 0.2                                      | ND                              |
| 3,3'-Dichlorobenzidine              | 91-94-1  | 0.2                                      | ND                              |
| 3,3'-Dimethoxybenzidine             | 119-90-4 | 0.2                                      | ND                              |
| 4,4'-methylenedi-o-toluidine        | 838-88-0 | 0.2                                      | ND                              |
| 3,3'-Dimethylbenzidine              | 119-93-7 | 0.2                                      | ND                              |
| 4,4'-methylenedianiline             | 101-77-9 | 0.2                                      | ND                              |
| 4,4'-Methylene-bis(2-chloroaniline) | 101-14-4 | 0.2                                      | ND                              |
| 4,4'-Oxydianiline                   | 101-80-4 | 0.2                                      | ND                              |
| 4,4'-Thiodianiline                  | 139-65-1 | 0.2                                      | ND                              |
| 4-Aminodiphenyl                     | 92-67-1  | 0.2                                      | ND                              |
| 4-Chloroaniline                     | 106-47-8 | 0.2                                      | ND                              |
| 4-Chloro-o-toluidine                | 95-69-2  | 0.2                                      | ND                              |
| 5-Nitro-o-toluidine                 | 99-55-8  | 0.2                                      | ND                              |
| 4-Aminoazobenzene                   | 60-09-3  | 0.2                                      | ND                              |
| Benzidine                           | 92-87-5  | 0.2                                      | ND                              |
| o-Aminoazotoluene                   | 97-56-3  | 0.2                                      | ND                              |
| o-Anisidine                         | 90-04-0  | 0.2                                      | ND                              |
| o-Toluidine                         | 95-53-4  | 0.2                                      | ND                              |
| 6-methoxy-m-toluidine               | 120-71-8 | 0.2                                      | ND                              |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

22 Carcinogenic dyes:

With reference to ISO 16373, and by Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical substances                                  | CAS no.    | Reporting limit<br>(Dry Weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|--|------------|--|---------------------------------|
| C.I. Direct Black 38                                 | 1937-37-7  | 10                                       | ND                              |
| C.I. Direct Blue 6                                   | 2602-46-2  | 10                                       | ND                              |
| C.I. Acid Red 26                                     | 3761-53-3  | 10                                       | ND                              |
| C.I. Basic Red 9                                     | 569-61-9   | 10                                       | ND                              |
| C.I. Direct Red 28                                   | 573-58-0   | 10                                       | ND                              |
| C.I. Basic Violet 14                                 | 632-99-5   | 10                                       | ND                              |
| C.I. Disperse Blue 1                                 | 2475-45-8  | 10                                       | ND                              |
| C.I. Disperse Blue 3                                 | 2475-46-9  | 10                                       | ND                              |
| C.I. Basic Blue 26<br>(with Michler's Ketone > 0.1%) | 2580-56-5  | 10                                       | ND                              |
| C.I. Basic Green 4<br>(malachite green chloride)     | 569-64-2   | 10                                       | ND                              |
| C.I. Basic Green 4<br>(malachite green oxalate)      | 2437-29-8  | 10                                       | ND                              |
| C.I. Basic Green 4<br>(malachite green)              | 10309-95-2 | 10                                       | ND                              |
| Disperse Orange 11                                   | 82-28-0    | 10                                       | ND                              |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

23 Disperse dyes:

With reference to ISO 16373, and by Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical substances      | CAS no.                  | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|--------------------------|--------------------------|--|---------------------------------|
| Disperse Yellow 1        | 119-15-3                 | 2.0                                      | ND                              |
| Disperse Blue 102        | 12222-97-8               | 2.0                                      | ND                              |
| Disperse Blue 106        | 12223-01-7               | 2.0                                      | ND                              |
| Disperse Yellow 39       | 12236-29-2               | 2.0                                      | ND                              |
| Disperse Orange 37/59/76 | 13301-61-6               | 2.0                                      | ND                              |
| Disperse Brown 1         | 23355-64-8               | 2.0                                      | ND                              |
| Disperse Orange 1        | 2581-69-3                | 2.0                                      | ND                              |
| Disperse Yellow 3        | 2832-40-8                | 2.0                                      | ND                              |
| Disperse Red 11          | 2872-48-2                | 2.0                                      | ND                              |
| Disperse Red 1           | 2872-52-8                | 2.0                                      | ND                              |
| Disperse Red 17          | 3179-89-3                | 2.0                                      | ND                              |
| Disperse Blue 7          | 3179-90-6                | 2.0                                      | ND                              |
| Disperse Blue 26         | 3860-63-7                | 2.0                                      | ND                              |
| Disperse Yellow 49       | 54824-37-2               | 2.0                                      | ND                              |
| Disperse Blue 35         | 12222-75-2<br>56524-77-7 | 2.0                                      | ND                              |
| Disperse Blue 124        | 61951-51-7               | 2.0                                      | ND                              |
| Disperse Yellow 9        | 6373-73-5                | 2.0                                      | ND                              |
| Disperse Orange 3        | 730-40-5                 | 2.0                                      | ND                              |

Remark : ND = Not detected



**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

24 Flame Retardants:

With reference to ISO 22032, and by Gas Chromatography - Mass Spectrometry (GC-MS) analysis and Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical substances                                   | CAS no.    | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|---|------------|--|---------------------------------|
| Decabromodiphenyl ether (DecaBDE)                     | 1163-19-5  | 1.0                                      | ND                              |
| Pentabromodiphenyl ether (PentaBDE)                   | 32534-81-9 | 1.0                                      | ND                              |
| Octabromodiphenyl ether (OctaBDE)                     | 32536-52-0 | 1.0                                      | ND                              |
| Tris(1-aziridinyl)phosphine oxide<br>(TEPA)           | 545-55-1   | 1.0                                      | ND                              |
| Polybromobiphenyls (PBBs)                             | 59536-65-1 | 1.0                                      | ND                              |
| Tris(2,3-dibromopropyl) phosphate<br>(TRIS)           | 126-72-7   | 1.0                                      | ND                              |
| Tetrabromobisphenol A (TBBPA)                         | 79-94-7    | 1.0                                      | ND                              |
| Tris(2-chloroethyl) phosphate (TCEP)                  | 115-96-8   | 1.0                                      | ND                              |
| Bis(2,3-dibromopropyl) phosphate (BIS)                | 5412-25-9  | 1.0                                      | ND                              |
| Hexabromocyclododecane (HBCDD)                        | 3194-55-6  | 1.0                                      | ND                              |
| 2,2-Bis(bromomethyl)-1,3-propanediol<br>(BBMP)        | 3296-90-0  | 1.0                                      | ND                              |
| Tris(1,3-dichloro-isopropyl) phosphate<br>(TDCP)      | 13674-87-8 | 1.0                                      | ND                              |
| Short-chain chlorinated paraffins (SCCP)<br>(C10-C13) | 85535-84-8 | 1.0                                      | ND                              |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

25 Glycols:

With reference to US EPA 8270D, ISO 22892, and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis or Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis.

| Chemical substances               | CAS no.    | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|-----------------------------------|------------|--|---------------------------------|
| Bis(2-methoxyethyl)-ether         | 111-96-6   | 10                                       | ND                              |
| 2-ethoxyethanol                   | 110-80-5   | 10                                       | ND                              |
| 2-ethoxyethyl acetate             | 111-15-9   | 10                                       | ND                              |
| Ethylene glycol dimethyl ether    | 110-71-4   | 10                                       | ND                              |
| 2-methoxyethanol                  | 109-86-4   | 10                                       | ND                              |
| 2-methoxyethylacetate             | 110-49-6   | 10                                       | ND                              |
| 2-methoxypropylacetate            | 70657-70-4 | 10                                       | ND                              |
| Triethylene glycol dimethyl ether | 112-49-2   | 10                                       | ND                              |

Remark : ND = Not detected

26 Halogenated Solvents:

With reference to US EPA 5035, US EPA 50211, US EPA 8010, and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical substances | CAS no.  | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|---------------------|----------|--|---------------------------------|
| 1,2-Dichloroethane  | 107-06-2 | 2.0                                      | ND                              |
| Methylene chloride  | 75-09-2  | 2.0                                      | ND                              |
| Tetrachloroethylene | 127-18-4 | 2.0                                      | ND                              |
| Trichloroethylene   | 79-01-6  | 2.0                                      | ND                              |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

27 Organotin Compounds:

With reference to ISO 23161, and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical substances                      | CAS no.  | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|--|----------|--|---------------------------------|
| Mono-, di- and tri-butyltin derivatives  | Multiple | 0.2                                      | ND                              |
| Mono, di-, and tri-octyltin derivatives  | Multiple | 0.2                                      | ND                              |
| Mono, di-, and tri-methyltin derivatives | Multiple | 0.2                                      | ND                              |
| Mono, di-, and tri-phenyltin derivatives | Multiple | 0.2                                      | ND                              |

Remark : ND = Not detected

28 Perfluorinated & Polyfluorinated Chemicals (PFCs):

With reference to DIN 38407-42, and Liquid Chromatography-tandem Mass Spectrometry (LC-MS/MS) analysis and Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical substances | CAS no.                                | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|---------------------|--|--|---------------------------------|
| PFOA                | 335-67-1                               | 0.10                                     | ND                              |
| PFOS                | 1763-23-1                              | 0.10                                     | ND                              |
| PFBS                | 375-73-5;<br>29420-49-3;<br>29420-43-3 | 0.10                                     | ND                              |
| PFHxA               | 307-24-4                               | 0.10                                     | ND                              |
| 8:2 FTOH            | 678-39-7                               | 1.0                                      | ND                              |
| 6:2 FTOH            | 647-42-7                               | 1.0                                      | ND                              |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

29 Phthalates (Ortho-phthalates):

With reference to US EPA 3540/3541, US EPA 3550, US EPA 3560, ISO 18856, and by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical substances   | CAS no.    | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|---|------------|--|---------------------------------|
| Di(ethylhexyl) phthalate (DEHP)   | 117-81-7   | 2.0                                      | ND                              |
| Butyl benzyl phthalate (BBP)  | 85-68-7    | 2.0                                      | ND                              |
| Dibutyl phthalate (DBP)   | 84-74-2    | 2.0                                      | ND                              |
| Diethyl phthalate (DEP)   | 84-66-2    | 2.0                                      | ND                              |
| Di-n-octyl phthalate (DNOP)   | 117-84-0   | 2.0                                      | ND                              |
| Di-isononyl phthalate (DINP)  | 28553-12-0 | 2.0                                      | ND                              |
| Di-iso-decyl phthalate (DIDP)   | 26761-40-0 | 2.0                                      | ND                              |
| Di-isobutyl phthalate (DIBP)  | 84-69-5    | 2.0                                      | ND                              |
| Di-n-hexyl phthalate (DnHP)   | 84-75-3    | 2.0                                      | ND                              |
| Bis(2-methoxyethyl)<br>phthalate (DMEP)   | 117-82-8   | 2.0                                      | ND                              |
| Di-n-propyl phthalate (DPRP)  | 131-16-8   | 2.0                                      | ND                              |
| Di-iso-octyl phthalate (DIOP)   | 27554-26-3 | 2.0                                      | ND                              |
| Di-cyclohexyl phthalate (DCHP)  | 84-61-7    | 2.0                                      | ND                              |
| Dinonyl phthalate (DNP)   | 84-76-4    | 2.0                                      | ND                              |
| 1,2-benzenedicarboxylic acid, di-<br>C7-11- branched and linear alkyl<br>esters (DHNUP) | 68515-42-4 | 2.0                                      | ND                              |
| 1,2-benzenedicarboxylic acid, di-<br>C6-8- branched alkyl esters, C7-<br>rich (DIHP)    | 71888-89-6 | 2.0                                      | ND                              |

Remark : ND = Not detected

**TEST REPORT**

**SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

30 Polycyclic Aromatic Hydrocarbons (PAHs):

With reference to US EPA 3540/3541, US EPA 3550, US EPA 3560, US EPA 3650, US EPA 8270, and by Gas Chromatography - Mass Spectrometry (GC-MS) analysis.

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

Remark : ND = Not detected

**TEST REPORT****SOFTLINES WASTEWATER TESTING**

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

## 31 Volatile Organic Compounds (VOCs):

With reference to US EPA 5035, 5021, 8260, DIN 38407-43 by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

| Chemical substances | CAS no.   | Reporting limit<br>(Dry weight)<br>mg/kg | Sludge<br>(Dry weight)<br>mg/kg |
|---------------------|-----------|--|---------------------------------|
| Benzene             | 71-43-2   | 2.0                                      | ND                              |
| Xylene              | 1330-20-7 | 2.0                                      | ND                              |
| o-cresol            | 95-48-7   | 2.0                                      | ND                              |
| p-cresol            | 106-44-5  | 2.0                                      | ND                              |
| m-cresol            | 108-39-4  | 2.0                                      | ND                              |

Remark : ND = Not detected

## TEST REPORT

### SOFTLINES WASTEWATER TESTING

Number : GZHT02481635

Tests Conducted (As Requested By The Applicant)

Photo of sampling points:



Treated wastewater

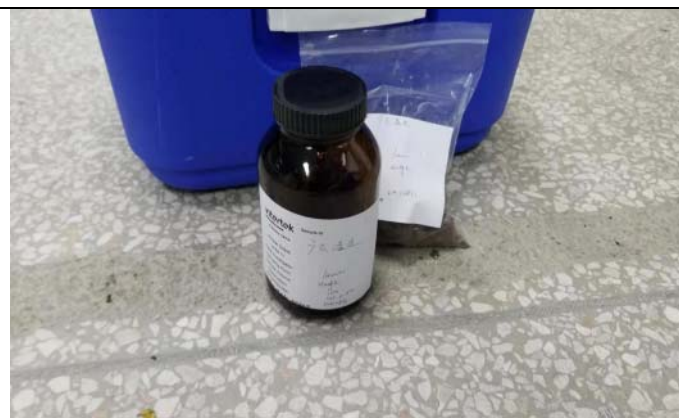


Sludge

Photo of samples:



Treated wastewater



Sludge

All tests were conducted at Intertek Testing Services Shenzhen Ltd.

End of Report

*This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. No copy of the test report(except for full text copy) shall be made without the written approval by Intertek.y.*