

# TEST REPORT

## (7222)117-0158

Date Received

**Technical Report** 

June 3rd ,2022

Factory Company Name: Factory Address: Project No.: Client Reference No.: Sampling Method:

#### GIZA SPINNING AND WEAVING COMPANY KAFR HAKIM, KERDASA, 12875 GIZA/EGYPT N/A N/A

Incoming water – Grab
I002) Raw Wastewater – 6 hours - Time – weighted Composite
I003) Treated Wastewater – 6 hours - Time – weighted Composite

Sample Pick Up Date: Wastewater Discharge to: **On-Site Effluent Treatment** Plant (ETP): Discharge Type: Off-site ETP name (if applicable): Off-site ETP address (if applicable): Local Regulation: / Ordinance / requirements related to wastewater discharged are followed: Permit Validation Date: Parameters Exceeded Local Regulation Legal compliance: **Conventional Parameters** Overall Category: Test Period:

May 30<sup>th</sup>,2022 Municipal ETP Yes

Indirect Discharge Abu Rawash Station ETB

Abu Rawash - Giza - Egypt

Fees In exchange for the burdens of treating wastewater for industrial facilities in accordance to Ministerial Resolution No. 44 of 2000. (See Appendix D)

The permit could not be validated N/A Comply

Comply with discharge license criteria

June 3rd,2022- June 22nd,2022

Sample Description:

1001) Colorless liquid – Incoming water 1002) Dark Red liquid– Raw Wastewater 1003) Light Yellow/Light Blue liquid – Treated Wastewater

Parameters exceeded maximum N/A holding time:

Bureau Veritas Consumer Products Services, Inc. Yalçın Koreş Caddesi No:22 Erdinç Binaları A Blok 2. Kule 1. Kat 34209 Güneşli, İstanbul / Turkey Tel:+90.212.494 35 35 Fax:+90.212.494 35 60 email:info.turkey@bvcps.com.tr website: www.bureauveritas.com/cps

This report is governed by, and incorporates by reference, CFS comparisons of service as posted at the date or issuance of this report at http://www.bureauveritas.com/home/babut-us/our-business/cps/about-us/ferms-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material error or or mission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents

> The content of this PDF file is in accordance with the original issued reports for reference only. This Test Report cannot be reproduced, except in full, without prior written permission of the company.

June 23rd,2022

Page 1 of 26



(7222)117-0158 June 23<sup>rd</sup>,2022 Page 2 of 26

**<u>REMARK1</u>**: Analysis of Table-1A conventional parameters, except pH, temperature, heavy metals, coliform have subcontracted to local accredited laboratories. (Accreditation number no: AB-0363-T AB-0012-T AB-0241-T)

**REMARK2:** Please refer to discharge criteria of the offsite ETP attached at the end of this report.

#### REMARK

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

General enquiry and invoicing

Technical enquiry-Chemical

Kerem Can	Kerem.can@bureauveritas.com
Ayca Cevikus	Ayca.cevikus@bureauveritas.com

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

\* The sampling is agreed with client.

PREPARED BY:

Ayca Cevikus MEA CDM &CSR Manager

Kerem Can General Manager, CPS Turkey

1 mil



## (7222)117-0158 June 23<sup>rd</sup>,2022 Page 3 of 26

# **Executive Summary**

1A) Conventional	I001	1002	I003
Temperature			N/A
TSS			
COD			
Total-N			N/A
pH Value			
Color [m <sup>-1</sup> ] (436nm; 525nm; 620nm)			N/A
BOD <sub>5</sub>		NR	
Ammonium-N	NR		N/A
Total-P			N/A
AOX			N/A
Oil and Grease			
Phenol			N/A
Coliform			N/A
Persistent Foam			N/A
ANIONS - Cyanide			N/A
ANIONS - Sulfide			N/A
ANIONS - Sulfite			N/A
<b>1B) Conventional</b> <b>Parameters</b> – METALS	N/A	N/A	N/A

Note / Key :

- □ Meet discharge license criteria
- ■ Exceeding discharge license criteria
- NR Not Requested / Not required
- N/A Not Applicable

ZDHC MRSL Substances	I001	1002	1003
2A) APs and APEOs	NR	0	0
2B) Chlorobenzenes and Chlorotoluenes	NR	0	0
2C) Chlorophenols	NR	0	0
2D) Azo Dyes	NR	0	0
2E) Carcinogenic Dyes	NR	0	0
2F) Disperse Dyes	NR	0	0
2G) Flame Retardants	NR	0	0
2H) Glycols	NR	0	0
2I) Halogenated Solvents	NR	0	0
2J) Organotin Compounds	NR	0	0
2K) Perfluorinated and Polyfluorinated	NR	0	0
2L) Phthalates	0	•	0
2M) Poly Aromatic Hydrocarbons	NR	0	0
2N) Volatile Organic Compounds	NR	0	0

Note / Key :

- $\bullet$  Detected
- o-Not Detected
- NR Not Requested
- N/A Not Applicable



(7222)117-0158 June 23<sup>rd</sup>,2022 Page 4 of 26

# **Objective**

The environment samples were tested for below parameters.

1A) Conventional Parameters 1B) Conventional Parameters - METALS 2A) APs and APEOs 2B) Chlorobenzenes and Chlorotoluenes 2C) Chlorophenols 2D) Azo Dyes 2E) Carcinogenic Dyes 2F) Disperse Dyes 2G) Flame Retardants 2H) Glycols 2I) Halogenated Solvents 2J) Organotin Compounds 2K) Perfluorinated and Polyfluorinated Chemicals 2L) Phthalates 2M) Poly Aromatic Hydrocarbons 2N) Volatile Organic Compounds

# **Sampling Plan**

Basically, three environment samples were sampled per factory, including 1) Incoming water; 2) Raw Wastewater and 3) Discharged Wastewater (treated wastewater). Total number of sample collected will be depended on the actual factory facilities and manufacturing processes.

Method of sampling used is time-weighted composite grab samples (agreed with client.). Composite sampling shall be performed for no less than six hours, with no more than one hour between discrete samples. Each discrete sample shall be of equal volume. Wastewater and freshwater samples should, as much as possible, be collected simultaneously, during the time that PU is in normal operation. The sampling shall aim to analyse the snapshot of water quality characteristics of the operating PU. Under no circumstance shall samples be taken during times when the production process is not running or the wastewater is diluted due to heavy rainfall, etc.

#### Remark :

- Sampling procedure is with reference to below standards:
- 1) South Australia EPA Guidelines (June 2007), Regulatory Monitoring and Testing Water and Wastewater Sampling.

2) Australia EPA (Victoria) Guideline (June 2009), Sampling and Analysis of Waters, Wastewaters, Soils and Wastes.

3) ISO 5667-3:2003, Water Quality - Sampling - Part 3: Guidance on the Preservation and Handling of Water Samples.

4) ASTM D3976-92 (Reapproved 2010), Standard Practice for Preparation of Sediment Samples for Chemical Analysis.

- Field data records are attached in Appendix C.



## (7222)117-0158 June 23<sup>rd</sup>,2022 Page 5 of 26

# **Test Result**

## 1A) Conventional Parameters

**Temperature** 

**Test Method** : Measurement by U. S. EPA170.1

Tested Item(s)	Result	Unit	Conclusion
I003	▲ 5.1 / max. 32.3 °C	deg. C	DATA

Note:

deg. C = degree Celsius (°C)

Discharge License Criteria: Not Applicable

## Total Suspended Solids (TSS)

## Test Method : Reference to APHA 2540 D

Tested Item(s)	Result	Unit	Conclusion
1003	8 (Comply with discharge license)	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria:3000 mg/L

# Chemical Oxygen Demand (COD)

**Test Method** : Reference to APHA 5220 D

Tested Item(s)	Result	Unit	Conclusion
1003	213.5 (Comply with discharge license)	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: 5000 mg/L

#### Total Nitrogen (Total-N)

#### Test Method : Reference to APHA 4500-Norg:B, SM 4500-NO3:E

Tested Item(s)	Result	Unit	Conclusion
I003	8.38	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: Not applicable



## (7222)117-0158 June 23<sup>rd</sup>,2022 Page 6 of 26

# <u>pH Value</u>

# Test Method : Reference to U. S. EPA 150.1

-	Unit	Result	
Test Item(s)	-	I003	
Parameter	-	-	
Temp. of sample	deg. C	25	
pH value of sample	-	7 (Comply with discharge license)	
Conclusion	-	DATA	

#### Note:

Temp. = Temperature de

deg. C = degree Celsius ( $^{\circ}$ C)

Discharge License Criteria: 6-9.5

## Color [m<sup>-1</sup>] (436nm; 525nm; 620nm)

#### Test Method : With reference to ISO 7887-B

Tested Item(s)	Result	Unit	Conclusion
I003	1.5;0.8;1	m <sup>-1</sup>	DATA

Note:

Discharge License Criteria: Not Applicable

#### Biochemical Oxygen Demand (BOD5)

## Test Method : Reference to APHA 5210B (5 days)

Tested Item(s)	Result	Unit	Conclusion
I003	59.2 (Comply with discharge license)	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: 2000 mg/L

Ammonium Nitrogen

#### **Test Method** : Reference to APHA 4500 NH<sub>3</sub> B,F

Tested Item(s)	Result	Unit	Conclusion
I003	3.91	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable



## (7222)117-0158 June 23<sup>rd</sup>,2022 Page 7 of 26

#### Total Phosphorus (Total-P)

## **Test Method** : Reference to APHA 4500-P B,C

Tested Item(s)	Result	Unit	Conclusion
I003	0.68	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: Not applicable

#### Adsorbable Organic Halogens (AOX)

# **Test Method** : Reference to ISO 9562

Tested Item(s)	Result	Unit	Conclusion
I003	0.29	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable

#### Oil and Grease

#### **Test Method** : Reference to ISO 9377-2

Tested Item(s)	Result	Unit	Conclusion
1003	<0.003 (Comply with discharge license)	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: 1000 mg/L

#### Phenol

#### Test Method : Reference to APHA 5530 B, D

Tested Item(s)	Result	Unit	Conclusion
1003	<0.1	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable



## (7222)117-0158 June 23<sup>rd</sup>,2022 Page 8 of 26

## Coliform

**Test Method** : Reference to ISO 9308-1

Tested Item(s)	Result	Unit	Conclusion
I003	500	bacteria/ 100 mL	DATA

Note:

bacteria/100 mL = bacteria per 100 milliliters Discharge License Criteria: Not Applicable

Remark: Due to the colonies is huge, result of coliform content is base on sample having dilution factor 100 times

#### Persistent Foam

**Test Method** : Visual

Tested Item(s)	Result	Unit	Conclusion
1003	No foam	-	DATA

Discharge License Criteria: Not Applicable

#### ANIONS - Cyanide

#### Test Method : Reference to APHA 4500-CN C/ APHA 4500-CN E

Tested Item(s)	Result	Unit	Conclusion
I003	<0.01	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable

# ANIONS - Sulfide

Test Method : Reference to APHA 4500 S<sup>2—</sup>D

Tested Item(s)	Result	Unit	Conclusion
I003	0.099	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable

# ANIONS - Sulfite

Test Method : Reference to SM 4500-SO3-2 C

Tested Item(s)	Result	Unit	Conclusion
I003	0.29	mg/L	DATA

Note:

mg/L = milligram per liter

Discharge License Criteria: Not Applicable



# (7222)117-0158 June 23<sup>rd</sup>,2022 Page 9 of 26

# 1B) Conventional Parameters - METALS

Heavy Metals	I001 (mg/L)	I002 (mg/L)	I003 (mg/L)
Antimony(Sb)	· • ·		
Discharge License Criteria: Not applicable	ND	0.006	0.0306
Chromium( Cr ), total Discharge License Criteria:	ND	0.0128	0.001
Not applicable Cobalt( Co ) Discharge License Criteria:	ND	ND	ND
Not applicable Copper(Cu) Discharge License Criteria: Not applicable	ND	0.1023	0.011
Nickel (Ni) Discharge License Criteria: Not applicable	0.001	0.007	0.0051
Silver (Ag) Discharge License Criteria: Not applicable	ND	ND	ND
Zinc( Zn ) Discharge License Criteria: Not applicable	ND	0.1613	0.0546
Arsenic (As) Discharge License Criteria: Not applicable	ND	0.0023	ND
Cadmium( Cd ) Discharge License Criteria: Not applicable	ND	ND	ND
Chromium VI( CrVI ) Discharge License Criteria: Not applicable	ND	ND	ND
Lead(Pb) Discharge License Criteria: Not applicable	0.0016	0.0018	ND
Mercury (Hg) Discharge License Criteria: Not applicable	ND	ND	ND



(7222)117-0158 June 23<sup>rd</sup>,2022 Page 10 of 26

#### 2L) Phthalates

Phthalates	I001 (µg/L)	1002 (µg/L)	1003 (µg/L)
Butyl benzyl phthalate (BBP)	ND	ND	ND
Dibutyl phthalate (DBP)	ND	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	ND	17	ND
Di-n-octyl phthalate (DNOP)	ND	ND	ND
Di-iso-nonyl phthalate (DINP)	ND	ND	ND
Di-iso-decyl phthalate (DIDP)	ND	ND	ND
Diethyl phthalate (DEP)	ND	ND	ND
Di-n-propyl phthalate (DPRP)	ND	ND	ND
Di-iso-butyl phthalate (DIBP)	ND	ND	ND
Di-cyclohexyl phthalate (DCHP)	ND	ND	ND
Di-n-hexyl phthalate (DnHP)	ND	ND	ND
Dinonyl phthalate (DNP)	ND	ND	ND
Di-iso-octyl phthalate (DIOP)	ND	ND	ND
Dimethoxyethyl phthalate (DMEP)	ND	ND	ND
1,2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP)	ND	ND	ND
1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	ND	ND	ND

Others Priority Chemical Groups

	I001 (ug/L)	I002 (ug/L)	I003 (ug/L)
2A) APs and APEOs	NR	ND	ND
2B) Chlorobenzenes and Chlorotoluenes	NR	ND	ND
2C) Chlorophenols	NR	ND	ND
2D) Azo Dyes	NR	ND	ND
2E) Carcinogenic Dyes	NR	ND	ND
2F) Disperse Dyes	NR	ND	ND
2G) Flame Retardants	NR	ND	ND
2H) Glycols	NR	ND	ND
2I) Halogenated Solvents	NR	ND	ND
2J) Organotin Compounds	NR	ND	ND
2K) Perfluorinated and Polyfluorinated Chemicals	NR	ND	ND
2M) Poly Aromatic Hydrocarbons	NR	ND	ND
2N) Volatile Organic Compounds	NR	ND	ND

Remark :

- Test method, reporting limit and list of chemical are summarized in tables of Appendix A - ND = Not detected (Please refer to reporting limit shown in Appendix A.).
- All results are in ppb as unit.
  ppm = part(s) per million; ppb = part(s) per billion. -
- NR-Not Requested



(7222)117-0158 June 23<sup>rd</sup>,2022 Page 11 of 26

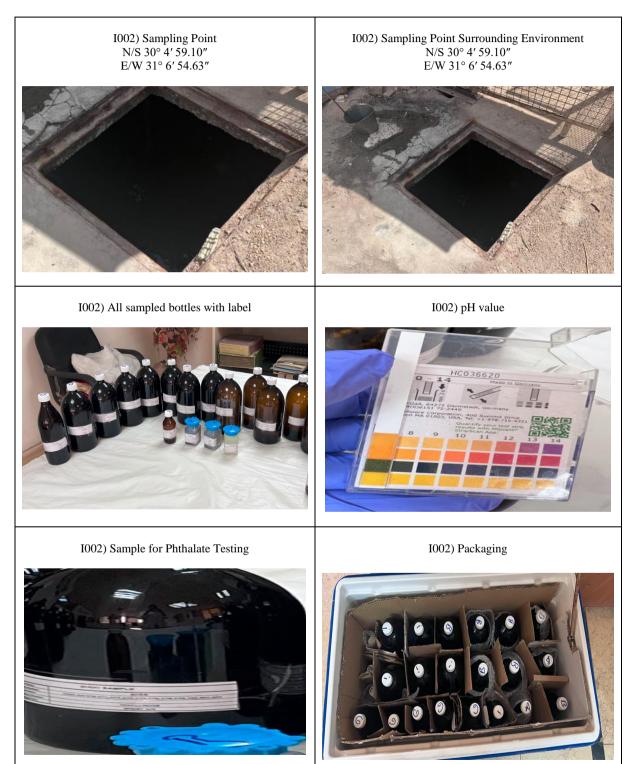
# **APPENDIX A - Photo of the Sample/ Sampling Location**



The content of this PDF file is in accordance with the original issued reports for reference only. This Test Report cannot be reproduced, except in full, without prior written permission of the company.



(7222)117-0158 June 23<sup>rd</sup>,2022 Page 12 of 26



The content of this PDF file is in accordance with the original issued reports for reference only. This Test Report cannot be reproduced, except in full, without prior written permission of the company.



(7222)117-0158 June 23<sup>rd</sup>,2022 Page 13 of 26

I003) Sampling Point Surrounding Environment N/S 30° 4′ 59.10″ E/W 31° 6′ 54.63″

I003) Sampling Point N/S 30° 4' 59.10" E/W 31° 6' 54.63"



I003) pH value



1003) Sample for Phthalate Testing









(7222)117-0158 June 23<sup>rd</sup>,2022 Page 14 of 26

# APPENDIX B

			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/( ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	Nonylphenol NP, mixed isomers	Various (incl. 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3)	5	0.4	NP/OP: ISO 18857-2 (modified dichloromethane
2A. Alkylphenol (AP) and	Octylphenol OP, mixed isomers	Various (incl. 140-66-9, 1806-26-4, 27193-28-8)	5	0.4	extraction) or ASTM D7065 (GC/MS or LC/MS(-MS)
Alkylphenol Ethoxylates (APEOs): including all isomers	Octylphenol ethoxylates (OPEO)	Various (incl. 9002-93-1, 9036-19-5, 68987-90-6)	5	0.4	OPEO/NPEO: ISO18857-2 or ASTM D7065(LC/MS; GC/MS
	Nonylphenol ethoxylates (NPEO)	Various (inc. 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0)	5	0.4	or LC/MSMS for n=1,2) APEO 1-18
	Monochlorobenzene	108-90-7	0.2	0.2	
	1,2-Dichlorobenzene	95-50-1	0.2	0.2	-
	1,3-Dichlorobenzene	541-73-1	0.2	0.2	
	1,4-Dichlorobenzene	106-46-7	0.2	0.2	
	1,2,3-Trichlorobenzene	87-61-6	0.2	0.2	
	1,2,4-Trichlorobenzene	120-82-1	0.2	0.2	
	1,3,5-Trichlorobenzene	108-70-3	0.2	0.2	
	1,2,3,4-Tetrachlorobenzene	634-66-2	0.2	0.2	
	1,2,3,5-Tetraclorobenzene	634-90-2	0.2	0.2	
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.2	0.2	
	Pentachlorobenzene	608-93-5	0.2	0.2	
	Hexachlorobenzene	118-74-1	0.2	0.2	
	2-Chlorotoluene	95-49-8	0.2	0.2	
	3-Chlorotoluene	108-41-8	0.2	0.2	USEPA 8260B,8270D.
2B. Chlorobenzenes	4-Chlorotoluene	106-43-4	0.2	0.2	Dichloromethane
and Chlorotoluenes	2,3-Dichlorotoluene	32768-54-0	0.2	0.2	extraction followed by
and chilotototucites	2,4-Dichlorotoluene	95-73-8	0.2	0.2	GC/MS
	2,5-Dichlorotoluene	19398-61-9	0.2	0.2	SC/MS
	2,6-Dichlorotoluene	118-69-4	0.2	0.2	
	3,4-Dichlorotoluene	95-75-0	0.2	0.2	
	3,5-Dichlorotoluene	25186-47-4	0.2	0.2	
	2,3,4-Trichlorotoluene	7359-72-0	0.2	0.2	
	2,3,4-Trichlorotoluene	2077-46-5	0.2	0.2	
	2,4,5-Trichlorotoluene	6639-30-1	0.2	0.2	-
	2,4,5-Trichlorotoluene	23749-65-7	0.2	0.2	
	3,4,5-Trichlorotoluene	21472-86-6	0.2	0.2	
	2,3,4,5-Tetrachlorotoluene	76057-12-0	0.2	0.2	
	2,3,5,6-Tetrachlorotoluene	29733-70-8	0.2	0.2	
	2,3,4,6-Tetrachlorotoluene	875-40-1	0.2	0.2	
	Pentachlorotoluene	877-11-2	0.2	0.2	
	2-Chlorophenol	95-57-8	0.2	0.2	
	3-Chlorophenol	108-43-0	0.5	0.05	USEPA 8270 D
	4-Chlorophenol	106-48-9	0.5	0.05	Solvent extraction,
2C. Chlorophenols	2,3-Dichlorophenol	576-24-9	0.5	0.05	derivatisation with
	2,3-Dichlorophenol	120-83-2	0.5	0.05	KOH, acetic anhydride
	2,4-Dichlorophenol	583-78-8	0.5	0.05	followed by GC/MS
	2,5 Diemotophenoi	202700	0.5	0.05	

The content of this PDF file is in accordance with the original issued reports for reference only.



# (7222)117-0158 June 23<sup>rd</sup>,2022 Page 15 of 26

Group         Substance (Testing prime)         CAS No.         Wester and (of 1)X (rights) (rights)         Number of the tosting method           2.6. Dichlorophenol         87.65.0         0.5         0.05         0.05           3.4. Dichlorophenol         95.72.2         0.5         0.05         0.05           2.3.5. Dichlorophenol         1950-66.0         0.5         0.05         0.05           2.3.5. Trichlorophenol         9375.5         0.5         0.05         0.05           2.4.6. Trichlorophenol         8590-2         0.5         0.05         0.05           2.3.4.5. Tetrachlorophenol         959.5.5         0.5         0.05         0.05           2.3.6. Tetrachlorophenol         109.947.0         0.1         0.2         0.2           4.4. "Methylene-bir(2- chloro-anline)         109.94.0         0.1         0.2         0.2           3.3.5 Dimethoxyn- phenylenediline         19.071.8         0.1         0.2         0.2				Repor	t Limit	
2.6-Dichlorophenol         87-65-0         0.5         0.05           3.4-Dichlorophenol         95-77-2         0.5         0.05           3.5-Dichlorophenol         1591-35-5         0.5         0.05           2.3.5-Trichlorophenol         933-75-5         0.5         0.05           2.3.5-Trichlorophenol         933-78-5         0.5         0.05           2.4.5-Trichlorophenol         95-95-4         0.5         0.05           2.4.5-Trichlorophenol         959-5         0.5         0.05           2.3.5.6-Tetrachlorophenol         959-5         0.5         0.05           2.3.5.4-Tetrachlorophenol         95-95-5         0.5         0.05           2.3.5.6-Tetrachlorophenol         95-95-5         0.5         0.05           Pentachlorophenol         95-97-7         0.1         0.2           4.4-Methylene-0is(-2)         10-14.4         0.1         0.2           5.3-Dichionhyn	Group		CAS No.	ater (ug/L)/(	(mg/kg)	Ű
24. Dichlorophenol         95:77:2         0.5         0.05           3.5. Dichlorophenol         1950:66:0         0.5         0.05           2.3.4. Trichlorophenol         93:78:5         0.5         0.05           2.3.5. Trichlorophenol         93:78:5         0.5         0.05           2.3.6. Trichlorophenol         93:78:5         0.5         0.05           2.4.5. Trichlorophenol         98:0-2         0.5         0.05           3.4.5. Trichlorophenol         490:151:3         0.5         0.05           2.3.4.5. Trichlorophenol         98:90:2         0.5         0.05           2.3.4.5. Trichlorophenol         98:90:5         0.5         0.05           2.3.4.5. Trichlorophenol         98:90:2         0.5         0.05           2.3.5. Creanblorophenol         98:90:2         0.5         0.05           2.3.5. Trichlorophenol         98:90:2         0.5         0.05           2.3.5. Trichlorophenol         98:90:2         0.5         0.05           2.3.5. Trichlorophenol         98:90:2         0.1         0.2           4.4.4' mehylane-bis (2-         101:14:4         0.1         0.2           4.4' Theindynaline         107:77         0.1         0.2			0.5 45 0			
25. Dichlorophenol         591-35.5         0.5         0.05           2.3.4. Trichlorophenol         933-78.8         0.5         0.05           2.3.5. Trichlorophenol         933-78.5         0.5         0.05           2.4.5. Trichlorophenol         933-78.5         0.5         0.05           2.4.5. Trichlorophenol         959-54.         0.5         0.05           2.4.5. Trichlorophenol         489.06-2         0.5         0.05           2.3.4.5. Tetrachlorophenol         989.02         0.5         0.05           2.3.5.6. Tetrachlorophenol         985.95.5         0.5         0.05           2.3.5.6. Tetrachlorophenol         985.95.5         0.5         0.05           2.3.5.6. Tetrachlorophenol         985.95.5         0.5         0.05           2.3.5.6. Tetrachlorophenol         985.97         0.1         0.2           4.4. "Methylene-bin-2         101.14.4         0.1         0.2           4.4. "Methylene-bin-2         101.14.4         0.1         0.2           3.3. "Dimethyber/dimine         119.93.7         0.1         0.2           4.4. "Anchylenedimine         101-77.7         0.1         0.2           4.4. "Intoidiniline         13965.1         0.1         0.2     <						
21.3.4 Trichlorophenol         1930-06-0         0.5         0.05           2.3.5 Trichlorophenol         933-75-5         0.5         0.05           2.4.5-Trichlorophenol         933-75-5         0.5         0.05           2.4.5-Trichlorophenol         95-95-4         0.5         0.05           3.4.5-Trichlorophenol         88-06-2         0.5         0.05           2.3.4.5-Trichlorophenol         4901-15-3         0.5         0.05           2.3.4.5-Tetrachlorophenol         98-90-2         0.5         0.05           2.3.5.6-Tetrachlorophenol         98-90-2         0.5         0.05           2.3.5.6-Tetrachlorophenol         98-90-2         0.5         0.05           2.3.5.6-Tetrachlorophenol         98-90-2         0.5         0.05           2.3.5.6-Tetrachlorophenol         98-90-2         0.5         0.05           4.4-Wethylenediamilie         101-77-9         0.1         0.2           4.4-Totoroaniline         100-647-8         0.1         0.2           3.3-Dimethylenzidine         139-77         0.1         0.2           4.4-Thiodiamiline         137-17-7         0.1         0.2           4.4-Methylene-diamile         915-95         0.1         0.2						
23.5-Trichlorophenol         933-78-8         0.5         0.05           2.3.6-Trichlorophenol         937-75-5         0.5         0.05           2.4.5-Trichlorophenol         88.06-2         0.5         0.05           2.4.5-Trichlorophenol         680-19-8         0.5         0.05           2.4.5-Trichlorophenol         690-19-8         0.5         0.05           2.3.4.5-Tetrachlorophenol         935-95-         0.5         0.05           2.3.5.6-Tetrachlorophenol         935-95-         0.5         0.05           2.3.5.6-Tetrachlorophenol         935-95-         0.5         0.05           2.3.5.6-Tetrachlorophenol         935-95-         0.5         0.05           2.3.5.6-Tetrachlorophenol         935-95-         0.5         0.05           4.4'-Methylene-bis-(2-         101-14-4         0.1         0.2           4.4'-Moropheniz         101-17-9         0.1         0.2           4.4'-Moropheniz         109-04         0.1         0.2           3.3'-Dimethylsenzidine         119-90-4         0.1         0.2           4.4'-Minoazohenzen         60-09-3         0.1         0.2           4.4'-Minoazohenzen         60-09-3         0.1         0.2           4.4'						
23.6-Trichlorophenol         933-75-5         0.5         0.05           2.4.5-Trichlorophenol         88.06-2         0.5         0.05           2.4.6-Trichlorophenol         88.06-2         0.5         0.05           2.3.4.5-Trichlorophenol         609-19-8         0.5         0.05           2.3.5.7-Strenkolroophenol         959-5         0.5         0.05           2.3.5-Strenkolroophenol         959-5         0.5         0.05           2.3.5-Dimethylphonylme         101-14-4         0.1         0.2           4.4-Chloroaniline         106-47.8         0.1         0.2           3.3-Dimethylbenzidine         119-03-4         0.1         0.2           2.4.5-Trimotylaniline         137-17         0.1         0.2           4.4-Methylen-di-o- thehoxy-m-tolukiniline         130-54         0.1         0.2           2.4.5-Trimotylphaniline         137-07         0.1         0.2						
24.5 Trichlorophenol         95.95.4         0.5         0.05           2.4.6 Trichlorophenol         609-19-8         0.5         0.05           2.3.4.5 Tetrachlorophenol         589-02         0.5         0.05           2.3.4.5 Tetrachlorophenol         989-02         0.5         0.05           2.3.5.6 Tetrachlorophenol         989-02         0.5         0.05           Pentachlorophenol         983-95.5         0.5         0.05           Pentachlorophenol         101-14.4         0.1         0.2           4.4 "Methylene-bis-(2-         101-14.4         0.1         0.2           4.4 "methylenedianiline         101-77-9         0.1         0.2           3.3 "Dimethylbenzidine         119-90-4         0.1         0.2           3.3 "Dimethylbenzidine         119-93-7         0.1         0.2           2.4.5 "Timethylainiline         137-17-7         0.1         0.2           4.4 "Thiodianiline         139-65-1         0.1         0.2           2.4.5 "Kildine         83-88-0         0.1         0.2           2.6 "Kylidine         87-62-7         0.1         0.2           2.6 "Kylidine         95-63-4         0.1         0.2           2.1 Methyly-m-						
24.6-Trichtorophenol         88-06-2         0.5         0.05           3.4.5-Tiertachlorophenol         469-19-8         0.5         0.05           2.3.4.6-Terrachlorophenol         959-5         0.5         0.05           2.3.5.6-Tetrachlorophenol         959-5         0.5         0.05           2.3.5.6-Tetrachlorophenol         959-5         0.5         0.05           9.5-Fortachlorophenol         959-5         0.5         0.05           4.4'-Methylane-bic-(2-         0.1         0.2         0.1           4.4'-Methylane-bic-(2-         0.1         0.2         0.1           4.4'-Methylane-bic-(2-         0.1         0.2         0.1         0.2           4.4'-Methylane-bic-(2-         0.1         0.2         0.1         0.2           3.7-Dimethylbenzidine         119-90-4         0.1         0.2         0.1         0.2           3.3'-Dimethylbenzidine         137-17.7         0.1         0.2         0.2         0.4'-Methylane-6i-o         0.1         0.2         0.1         0.2           4.4'-Methylaniline         137-05-4         0.1         0.2         0.1         0.2         0.1         0.2         0.1         0.2         0.1         0.2         0.1						
23.4.5-Trichtorophenol         609-19-8         0.5         0.05           2.3.4.5-Tetrachlorophenol         983-95-5         0.5         0.05           2.3.5.6-Tetrachlorophenol         935-95-5         0.5         0.05           Pentachlorophenol (PCP)         87.86-5         0.5         0.05           4.4-Methylene-bis-(2-         101-14-4         0.1         0.2           4.4-Methylene-bis-(2-         101-14-4         0.1         0.2           4.4-Methylene-bis-(2-         101-14-4         0.1         0.2           4.4-Methylene-bis-(2-         101-14-4         0.1         0.2           4.4-Oxydianilne         101-80-4         0.1         0.2           4.4-Oxydianilne         101-80-4         0.1         0.2           3.5-Dimethylenzdine         119-93-7         0.1         0.2           4.4-Thiodianiline         137-17-7         0.1         0.2           4.4-Thiodianiline         139-65-1         0.1         0.2           4.4-Thiodianiline         139-65-1         0.1         0.2           (Forming Restricted Arminoazobenzene         60-09-3         0.1         0.2           2.5-Stylidine         87-62-7         0.1         0.2           2.3-Dichoroben						
2.3.4.5-Terachiorophenol         4901-51-3         0.5         0.05           2.3.4.6-Tetrachiorophenol         935-95-5         0.5         0.05           2.3.4.6-Tetrachiorophenol         935-95-5         0.5         0.05           4.4-Methylene-bis-(2- chloro-anline)         101-14-4         0.1         0.2           4.4-Methylene-bis-(2- chloro-anline)         101-80-4         0.1         0.2           3.3-Dimethylbenzidine         110-90-4         0.1         0.2           3.3-Dimethylbenzidine         119-90-4         0.1         0.2           3.3-Dimethylbenzidine         119-90-4         0.1         0.2           3.3-Dimethylbenzidine         119-90-4         0.1         0.2           3.3-Dimethylbenzidine         139-90-51         0.1         0.2           4.4-Methoxy-m- forestidee         615-05-4         0.1         0.2           4.4-Methoxy-m- forwing Restricted Amines)         615-05-4         0.1         0.2           2.6-Xylidine         87-62-7         0.1         0.2         0.2           2.A-Splithylamine         91-59-8         0.1         0.2         0.2           2.A-Xylidine         95-59-2         0.1         0.2         0.2           2.A-Methylene-di-o- oluid						
2.3.5.6-Tetrachlorophenol         935-95-5         0.5         0.05           Partachlorophenol (PCP)         87-86-5         0.5         0.05           4.4-Methylene-bis/2- chloro-aniline)         101-14-4         0.1         0.2           4.4-Methylene-bis/2- chloro-aniline)         101-80-4         0.1         0.2           4.4-Choroaniline         101-77-9         0.1         0.2           4.4-Choroaniline         101-80-4         0.1         0.2           3.3-Dimethoxybenzidine         119-90-4         0.1         0.2           3.3-Dimethoxybenzidine         119-90-4         0.1         0.2           2.4.7-Trimethylaniline         139-05-1         0.1         0.2           4.4-Methoxy-m- phenylenediamine         615-05-4         0.1         0.2           4.4-Methoxy-m- phenylenediamine         615-05-4         0.1         0.2           2.6-Xylidine         87-62-7         0.1         0.2           2.6-Xylidine         91-59-8         0.1         0.2           3.3-Dichlorobenzidine         91-94-1         0.1         0.2           2.4-Xylidine         95-69-2         0.1         0.2           3.3-Dichlorobenzidine         92-57-8         0.1         0.2			4901-51-3	0.5	0.05	
Pentachlorophenol (PCP)         87-86-5         0.5         0.05           4.4'-Methylene-bis-(2- chloto-amiline)         101-14-4         0.1         0.2           4.4'-Methylene-bis-(2- chloto-amiline)         101-77-9         0.1         0.2           4.4'-Methylenediamiline         101-77-9         0.1         0.2           4.4'-Oxydiamiline         101-80-4         0.1         0.2           3.3'-Dimethylbenzdiane         119-90-4         0.1         0.2           3.3'-Dimethylbenzdiane         119-90-4         0.1         0.2           3.3'-Dimethylbenzdiane         119-93-7         0.1         0.2           4.4'-Methylene-diamiline         139-65-1         0.1         0.2           2.4.5'-Trimethylaniline         137-67-7         0.1         0.2           4.4'-Methylene-di-o- toluidine         615-05-4         0.1         0.2           -A-Methoxy-m- phenylenediamine         615-05-4         0.1         0.2           -A-Misidine         90-04-0         0.1         0.2           -A-Minodiphenyl         92-67-1         0.1         0.2           -A-Misidine         91-94-1         0.1         0.2           -A-Misidine         92-87-5         0.1         0.2		2,3,4,6-Tetrachlorophenol	58-90-2		0.05	
4.4 <sup>-</sup> -Methylenc-bis-(2- chloro-aniline)         101-14-4         0.1         0.2           4.4 <sup>-</sup> -Methylenclianiline         101-77-9         0.1         0.2           4.4 <sup>-</sup> -Oxydianiline         101-80-4         0.1         0.2           4.4 <sup>-</sup> -Oxydianiline         101-80-4         0.1         0.2           3.3 <sup>-</sup> -Dimethoxybenzidine         119-93-7         0.1         0.2           3.3 <sup>-</sup> -Dimethoxybenzidine         119-93-7         0.1         0.2           2.4.5 <sup>-</sup> -Trimethylaniline         139-65-1         0.1         0.2           2.4.5 <sup>-</sup> -Trimethylaniline         139-65-1         0.1         0.2           4.4 <sup>-</sup> -Methylenc-di-o- toluidine         615-05-4         0.1         0.2           4.4 <sup>-</sup> -Methylenc-di-o- toluidine         838-88-0         0.1         0.2           2.6-Xylidine         87-62-7         0.1         0.2           -Anisidine         90-04-0         0.1         0.2           -A-Minodphenyl         92-67-1         0.1         0.2           -A-Minodphenyl         92-67-1         0.1         0.2           -A-Minodphenyl         92-67-1         0.1         0.2           -A-Minodphenyl         92-67-2         0.1         0.2           -A-M					0.05	
chloro-aniline         101-14-4         0.1         0.2           4,4'-methylenedianiline         101-77-9         0.1         0.2           4,4'-Oxydianiline         101-80-4         0.1         0.2           4.Choroaniline         106-47-8         0.1         0.2           3.3'-Dimethylbenzidine         119-90-4         0.1         0.2           3.3'-Dimethylbenzidine         119-93-7         0.1         0.2           6-methoxy-m-toluidine (p- Cresidine)         120-71-8         0.1         0.2           4.4'-Aninoazobenzene         60-09-3         0.1         0.2           4.4'-Aninoazobenzene         60-09-3         0.1         0.2           4.4'-Methylsenzene         615-05-4         0.1         0.2           4.4'-Methylenedianine         615-05-4         0.1         0.2           6/bridine         87-62-7         0.1         0.2           6/bridine         87-62-7         0.1         0.2           2.Naphthylamine         91-59-8         0.1         0.2           6/bridine         95-69-2         0.1         0.2           4.4'-Muthylen-         95-69-2         0.1         0.2           2.A-Splidine         95-69-2         0.1			87-86-5	0.5	0.05	
chloro-aniline)         101-77-9         0.1         0.2           4.4 '-Netylenedianiline         101-87-9         0.1         0.2           4.4 'Chloroaniline         106-47-8         0.1         0.2           3.7 -Dimethylbenzidine         119-90-4         0.1         0.2           3.7 -Dimethylbenzidine         119-90-7         0.1         0.2           3.7 -Dimethylbenzidine         119-90-7         0.1         0.2           6-methoxy-m-toluidine (p- Cresidine)         120-71-8         0.1         0.2           2.4.5 'Trimethylaniline         137-17-7         0.1         0.2           4.4 '-Thiodianiline         139-65-1         0.1         0.2           4.4 '-Methoxy-m- heylenedianine         615-05-4         0.1         0.2           4.4 '-Methylene-di-o- toluidine         838-88-0         0.1         0.2           2.6-Xylidine         87-62-7         0.1         0.2           0-Anisidine         90-94-0         0.1         0.2           2.6-Xylidine         91-59-8         0.1         0.2           3.3 - Dichorobenzidine         91-59-1         0.1         0.2           3.3 - Dichorobenzidine         95-69-2         0.1         0.2           0-Tolui			101-14-4	0.1	0.2	
4.4 <sup>-</sup> Oxydianiline         101-80-4         0.1         0.2           4-Chloroaniline         106-47-8         0.1         0.2           3.3 <sup>-</sup> Dimethoxybenzidine         119-90-4         0.1         0.2           3.3 <sup>-</sup> Dimethoxybenzidine         119-93-7         0.1         0.2           3.3 <sup>-</sup> Dimethoxybenzidine         119-93-7         0.1         0.2           6-methoxy-m-toluidine (p- Cresidine)         120-71-8         0.1         0.2           4.4 <sup>-</sup> Antinoazobenzene         60-09-3         0.1         0.2           4.4 <sup>-</sup> Antinoazobenzene         615-05-4         0.1         0.2           4.4 <sup>-</sup> Methylen-di-o- toluidine         838-88-0         0.1         0.2           2.6-Stylidine         87-62-7         0.1         0.2           2.4-Stylidine         91-59-8         0.1         0.2           3.3 <sup>-</sup> Dichlorobenzidine         91-94-1         0.1         0.2           2.4-Stylidine         92-67-1         0.1         0.2           3.3 <sup>-</sup> Dichlorobenzidine         92-67-1         0.1         0.2           2.4-Stylidine         95-68-1         0.1         0.2           2.4-Stylidine         95-69-2         0.1         0.2           4-Chloro-o-toluidine						
4.Chloroaniline         106-47-8         0.1         0.2           3.3 - Dimethoxybenzidine         119-90-4         0.1         0.2           3.3 - Dimethoxybenzidine         119-93-7         0.1         0.2           6-methoxy-m-toluidine (p- Cresidine)         120-71-8         0.1         0.2           2.4.5 - Trimethylaniline         137-17-7         0.1         0.2           4.4 - Minoazobenzene         60-09-3         0.1         0.2           4.Aminoazobenzene         60-09-3         0.1         0.2           4.Methoxy-m- phenylenediamine         615-05-4         0.1         0.2           7.6 Aylidine         87-627         0.1         0.2           2.0. Dyes - Azo         (Forming Restricted         4.4 - Minodiphenyl         92-67-1         0.1         0.2           4.A-Minodiphenyl         92-67-1         0.1         0.2         0.2         OCMs or LC/MS           2.Naphthylamine         91-59-8         0.1         0.2         OCMS or LC/MS           2Aspidine         95-68-1         0.1         0.2         OCMS or LC/MS           4Aminodiphenyl         92-67-1         0.1         0.2         OCMS or LC/MS           4Athioro-o-toluidine         95-69-2         0.1 </td <td></td> <td>4,4'-methylenedianiline</td> <td></td> <td></td> <td></td> <td></td>		4,4'-methylenedianiline				
21. Dyes - Azo         3.3°-Dimethylbenzidine         119:90.4         0.1         0.2           3.3°-Dimethylbenzidine         119:93.7         0.1         0.2           4.methoxy.m-toluidine (p- Cresidine)         120:71.8         0.1         0.2           2.4.5.Trimethylaniline         137:17.7         0.1         0.2           4.4.Thiodiamiline         139:65-1         0.1         0.2           4.A.Thiodiamiline         139:65-1         0.1         0.2           4.Methoxy.m- benylenediamine         615:05-4         0.1         0.2           4.Methylamiline         83:88:80         0.1         0.2           2.6.Xylidine         87:62.7         0.1         0.2           0.Anisidine         90:04:0         0.1         0.2           0.Anisidine         91:94:1         0.1         0.2           2.Naphthylamine         91:59:8         0.1         0.2           2.Naphthylamine         91:59:8         0.1         0.2           2.4-Xylidine         95:56:8         0.1         0.2           2.4-Xylidine         95:56:8         0.1         0.2           2.4-Xylidine         95:58:8         0.1         0.2           5-nitro-o-toluidine         99:						
2D. Dyes - Azo (Forming Restricted Amines)         3.3°-Dimethylbenzidine 6-methoxy-m-toluidine (- 2.4.5-Trimethylaniline 139-65-1         0.1         0.2           4.4°-Thiodianiline 2.4.5-Trimethylaniline 2.4.5-Trimethylaniline 4.4°-thiodianiline Aminozobenzene 60:09-3         0.1         0.2           4.4°-Thiodianiline 4.4°-thiodianiline Amines)         615-05-4         0.1         0.2           4.4°-Thiodianiline 4.4°-Methoxy-m- phenylenediamine 615-05-4         0.1         0.2           2.D. Dyes - Azo (Forming Restricted Amines)         4.4°-thethylene-di-o- toluidine 2.6-Xylidine 2.6-Xylidine 2.6-Xylidine 0-Anisidine 91-59-8         0.1         0.2           2.6-Xylidine 2.6-Xylidine 2.6-Xylidine 91-94-1         0.1         0.2         Reduction step with Sodiumdithionite, solvent extraction, GC/MS or LC/MS           2.4-Xylidine 92-87-5         0.1         0.2         0.2         0.1         0.2           -Aminodiphenyl 92-67-1         0.1         0.2         0.2         0.1         0.2           -Toluidine 92-87-5         0.1         0.2         0.1         0.2           -Aminoazotoluene 97-56-3         0.1         0.2         0.1         0.2           -Aminoazotoluene 97-56-3         0.1         0.2         0.1         0.2           -C1. Direct Black 38         1937-37-7         500         10         10 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td></tr<>						
6-methoxy-m-toluidine (p. Cresidine)         120-71-8         0.1         0.2           24.4.7-Trinethylaniline         137-17-7         0.1         0.2           4.4.7-Thiodianiline         139-65-1         0.1         0.2           4.4.7-Thiodianiline         139-65-1         0.1         0.2           4.4.7-Thiodianiline         615-05-4         0.1         0.2           (Forming Restricted Amines)         4.4.7-Methyleme-di-o- toluidine         838-88-0         0.1         0.2           2.6-Xylidine         87-62-7         0.1         0.2         0.2         Solvent extraction, GC/MS or LC/MS           3.3-Dichlorobenzidine         91-94-1         0.1         0.2         0.2         0.1         0.2           -Ansidine         90-04-0         0.1         0.2         0.2         0.1         0.2           -Ansidine         91-94-1         0.1         0.2         0.1         0.2           -Aminodiphenyl         92-67-1         0.1         0.2         0.1         0.2           -Toluidine         95-58-1         0.1         0.2         0.1         0.2           -A-Minoizotoluene         97-55-3         0.1         0.2         0.1         0.2           -A-Mitonizotol						
2D. Dyes - Azo         Cresidine)         120-71-8         0.1         0.2           (4,4)         Thiodianiline         139-65-1         0.1         0.2           (4,4)         Thiodianiline         139-65-1         0.1         0.2           (4,4)         Thiodianiline         60-09-3         0.1         0.2           (4,4)         Methoxy-m-         615-05-4         0.1         0.2           (Forming Restricted Aminos)         (4,4)         Methoxy-m-         615-05-4         0.1         0.2           (Forming Restricted Aminos)         (4,4)         Methylene-di-o-         838-88-0         0.1         0.2           (Considine)         90-04-0         0.1         0.2         Sodiumdithionite, solvent extraction, GCMS or LCMS           (2,6-Xylidine)         91-59-8         0.1         0.2         GCMS or LCMS           (3,3)         Dichorobenzidine         91-59-8         0.1         0.2           (4,-Chloro-o-toluidine)         95-53-4         0.1         0.2           (4,-Chloro-o-toluidine)         95-68-1         0.1         0.2           (4,-Chloro-o-toluidine)         95-58         0.1         0.2           (5-nitro-o-toluidine)         97-56-3         0.1         0.2 <td></td> <td></td> <td>119-93-7</td> <td>0.1</td> <td></td> <td>-</td>			119-93-7	0.1		-
2D. Dyes - Azo (Forming Restricted Amines)         4.4 · Thiodianiline         139-65-1         0.1         0.2           4-Methoxy-m- benylenediamine         615-05-4         0.1         0.2         Reduction step with Solumiditionite, solvent extraction, 2.6-Xylidine         838-88-0         0.1         0.2         Reduction step with Solumiditionite, solvent extraction, 2.6-Xylidine         87-62-7         0.1         0.2         Solumiditionite, solvent extraction, 2.6-Xylidine         90-04-0         0.1         0.2           2.Naphthylamine         91-59-8         0.1         0.2         Solumiditionite, solvent extraction, 0.1         0.2           3.3 · Dichlorobenzidine         91-94-1         0.1         0.2         0.2         0.1         0.2           4-Aminodiphenyl         92-67-1         0.1         0.2         0.2         0.1         0.2           2.4-Xylidine         95-53-4         0.1         0.2         0.2         0.1         0.2           4-Acthoro-o-toluidine         95-69-2         0.1         0.2         0.1         0.2           4-Acthyl-m- phenylenediamine         95-80-7         0.1         0.2         0.1         0.2           5-nitro-o-toluidine         99-55-8         0.1         0.2         0.1         0.2         0.1         0.2 <td></td> <td>Cresidine)</td> <td>120-71-8</td> <td>0.1</td> <td>0.2</td> <td></td>		Cresidine)	120-71-8	0.1	0.2	
4-Aminoazobenzene         60-09-3         0.1         0.2           2D. Dyes - Azo (Forming Restricted Amines)         4-Methoxy-m- phenylenediamine         615-05-4         0.1         0.2         EN 14362. Reduction step with solvent extraction           2.6-Xylidine         87-62-7         0.1         0.2         Sodiumdithionite, solvent extraction, GC/MS or LC/MS           2.6-Xylidine         97-50-8         0.1         0.2         Sodiumdithionite, solvent extraction, GC/MS or LC/MS           3.3'-Dichlorobenzidine         91-94-1         0.1         0.2         Sodiumdithionite, solvent extraction, GC/MS or LC/MS           4Aminodiphenyl         92-67-1         0.1         0.2         Sodiumdithionite, solvent extraction, GC/MS or LC/MS           2.4-Xylidine         95-53-4         0.1         0.2         Sodiumdithionite, solvent extraction, GC/MS or LC/MS           4Chloro-o-toluidine         95-68-1         0.1         0.2         Sodiumdithionite, solvent extraction, GC.I. Direct Black 38         1937-37-7         500         10           C.I. Direct Black 38         1937-37-7         500         10         C.I. Direct Blue 6         2602-46-2         500         10           C.I. Direct Blue 6         2602-46-2         500         10         C.I. Acid Red 26         3761-53-3         500         10     <				0.1		
2D. Dyes - Azo (Forming Restricted Amines)         4-Methoxy-m- phenylenediamine         615-05-4         0.1         0.2         Reduction step with Sodiumithionite, solvent extraction, GC/MS or LC/MS           2.naphthylamine         90-04-0         0.1         0.2         Reduction step with Sodiumithionite, solvent extraction, GC/MS or LC/MS           2.6-Xylidine         87-62-7         0.1         0.2         Sodiumithionite, solvent extraction, GC/MS or LC/MS           2.7-Aphthylamine         91-59-8         0.1         0.2         Sodiumithionite, solvent extraction, GC/MS or LC/MS           3.3^-Dicklorobenzidine         91-94-1         0.1         0.2         Sodiumithionite, solvent extraction, GC/MS or LC/MS           4.4-Aminodiphenyl         92-67-1         0.1         0.2         Solvent extraction, GC/MS or LC/MS           4.4-Methyl-m- phenylenediamine         95-53-4         0.1         0.2         Solvent extraction, GO           4-Chloro-o-toluidine         95-69-2         0.1         0.2         Solvent extraction, GO         Solvent extraction, GO           4-Chloro-o-toluidine         95-569-2         0.1         0.2         Solvent extraction, GO         Solvent extraction, GO           C1. Direct Black 38         1937-37-7         500         10         C.1         Solvent extraction, GC.1 Disect Red 28         Solvent extraction, GC.1						
2D. Dyes - Azo (Forming Restricted Amines)         phenylenediamine         615-05-4         0.1         Meduction step with Sodiumithionite, solvent extraction, C.6-Xylidine         838-88-0         0.1         0.2         Reduction step with Sodiumithionite, solvent extraction, C.6-Xylidine           2.6-Xylidine         87-62-7         0.1         0.2         0.2         0.1         0.2           2-Naphthylamine         91-59-8         0.1         0.2         0.2         0.1         0.2           3.3'-Dichlorobenzidine         91-94-1         0.1         0.2         0.2         0.1         0.2           4-Aminodiphenyl         92-67-1         0.1         0.2         0.2         0.1         0.2           4-Aminodiphenyl         92-68-1         0.1         0.2         0.2         0.1         0.2           4-Chloro-otoluidine         95-69-2         0.1         0.2         0.1         0.2           4-Methyl-m- phenylenediamine         95-80-7         0.1         0.2         0.2           5-nitro-otoluidine         99-55-8         0.1         0.2         0.2           C.1. Direct Black 38         1937-37-7         500         10         0.2           C.1. Direct Black 26         3761-53-3         500         10			60-09-3	0.1		
Amines)         toluidine         538-36-0         0.1         o         solvent extraction, GC/MS or LC/MS           2.6-Xylidine         90-04-0         0.1         0.2         GC/MS or LC/MS         GC/MS or LC/MS           2-Naphthylamine         91-59-8         0.1         0.2         GC/MS or LC/MS         GC/MS or LC/MS           3.3'-Dichlorobenzidine         91-94-1         0.1         0.2         GC/MS or LC/MS         GC/MS or LC/MS           4-Aminodiphenyl         92-67-1         0.1         0.2         GC/MS or LC/MS         GC/MS or LC/MS           0-Toluidine         95-53-4         0.1         0.2         GC/MS or LC/MS         GC/MS or LC/MS           2.4-Xylidine         95-68-1         0.1         0.2         GC/MS or LC/MS         GC/MS or LC/MS           4-Chloro-o-toluidine         95-69-2         0.1         0.2         GC/MS or LC/MS         GC/MS or LC/MS           4-Methyl-m-         95-80-7         0.1         0.2         GC/MS or LC/MS         GC/MS or LC/MS           0-Aminoazotoluene         97-56-3         0.1         0.2         GC/MS or LC/MS         GC/MS or LC/MS           2E. Dyes-         C.1 Direct Black 38         1937-37-7         500         10         GC/MS         GC/MS	2D. Dyes - Azo	phenylenediamine	615-05-4	0.1	0.2	
2.6-Xylidine         87-62-7         0.1         0.2           o-Anisidine         90-04-0         0.1         0.2           2-Naphthylamine         91-59-8         0.1         0.2           3.3'-Dichlorobenzidine         91-94-1         0.1         0.2           4-Aminodiphenyl         92-67-1         0.1         0.2           4-Aminodiphenyl         92-67-5         0.1         0.2           o-Toluidine         95-53-4         0.1         0.2           -4-Kinodiphenyl         95-68-1         0.1         0.2           -4-Khroolphenyl         95-68-1         0.1         0.2           -4-Khroo-toluidine         95-69-2         0.1         0.2           -4-Methyl-m- phenylenediamine         95-80-7         0.1         0.2           -Aminoazotoluene         97-56-3         0.1         0.2           -Aminoazotoluene         97-56-3         0.1         0.2           -C.I. Direct Black 38         1937-37-7         500         10           C.I. Direct Blue 6         2602-46-2         500         10           C.I. Acid Red 26         3761-53-3         500         10           C.I. Basic Ked 9         569-61-9         500         10			838-88-0	0.1	0.2	
$ \begin{array}{c cccc} 0.4nisidine & 90-04-0 & 0.1 & 0.2 \\ \hline 0.4nisidine & 91-59-8 & 0.1 & 0.2 \\ \hline 2-Naphthylamine & 91-59-8 & 0.1 & 0.2 \\ \hline 3,3^{\circ}-Dichlorobenzidine & 91-94-1 & 0.1 & 0.2 \\ \hline 4-Aminodiphenyl & 92-67-1 & 0.1 & 0.2 \\ \hline 4-Aminodiphenyl & 92-87-5 & 0.1 & 0.2 \\ \hline 0.7Oluidine & 95-53-4 & 0.1 & 0.2 \\ \hline 2,4-Xylidine & 95-68-1 & 0.1 & 0.2 \\ \hline 4-Chloro-o-toluidine & 95-69-2 & 0.1 & 0.2 \\ \hline 4-Methyl-m- & 95-80-7 & 0.1 & 0.2 \\ \hline 0-Aminoazotoluene & 97-56-3 & 0.1 & 0.2 \\ \hline 5-nitro-o-toluidine & 99-55-8 & 0.1 & 0.2 \\ \hline 5-nitro-o-toluidine & 99-55-8 & 0.1 & 0.2 \\ \hline 5-nitro-o-toluidine & 99-55-8 & 0.1 & 0.2 \\ \hline C.I. Direct Black 38 & 1937-37-7 & 500 & 10 \\ \hline C.I. Direct Blue 6 & 2602-46-2 & 500 & 10 \\ \hline C.I. Direct Red 28 & 573-58-0 & 500 & 10 \\ \hline C.I. Direct Red 28 & 573-58-0 & 500 & 10 \\ \hline C.I. Disperse Blue 1 & 2475-45-8 & 500 & 10 \\ \hline C.I. Disperse Blue 1 & 2475-45-8 & 500 & 10 \\ \hline C.I. Disperse Blue 2 & 2475-46-9 & 500 & 10 \\ \hline C.I. Disperse Blue 2 & 2475-46-9 & 500 & 10 \\ \hline C.I. Basic Red 9 > 0.269-5 & 500 & 10 \\ \hline C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) & 2580-56-5 & 500 & 10 \\ \hline \end{array}$	( minico)		87-62-7	0.1	0.2	-
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		2-Naphthylamine	91-59-8			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		3,3`-Dichlorobenzidine	91-94-1	0.1	0.2	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		4-Aminodiphenyl	92-67-1	0.1		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		Benzidine	92-87-5	0.1	0.2	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
phenylenediamine         95-80-7         0.1           o-Aminoazotoluene         97-56-3         0.1         0.2           5-nitro-o-toluidine         99-55-8         0.1         0.2           C.I. Direct Black 38         1937-37-7         500         10           C.I. Direct Blue 6         2602-46-2         500         10           C.I. Direct Blue 6         2602-46-2         500         10           C.I. Acid Red 26         3761-53-3         500         10           C.I. Basic Red 9         569-61-9         500         10           C.I. Direct Red 28         573-58-0         500         10           C.I. Disperse Blue 1         2475-45-8         500         10           C.I. Disperse Blue 3         2475-46-9         500         10           C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)         2580-56-5         500         10			95-69-2	0.1		
o-Aminoazotoluene         97-56-3         0.1         0.2           5-nitro-o-toluidine         99-55-8         0.1         0.2           C.I. Direct Black 38         1937-37-7         500         10           C.I. Direct Blue 6         2602-46-2         500         10           C.I. Direct Blue 6         2602-46-2         500         10           C.I. Acid Red 26         3761-53-3         500         10           C.I. Basic Red 9         569-61-9         500         10           C.I. Direct Red 28         573-58-0         500         10           Carcionogenic or Equivalent Concern         C.I. Disperse Blue 1         2475-45-8         500         10           C.I. Disperse Blue 3         2475-46-9         500         10         L/MS           C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)         2580-56-5         500         10			95-80-7	0.1	0.2	
5-nitro-o-toluidine         99-55-8         0.1         0.2           C.I. Direct Black 38         1937-37-7         500         10           C.I. Direct Blue 6         2602-46-2         500         10           C.I. Direct Blue 6         2602-46-2         500         10           C.I. Direct Blue 6         3761-53-3         500         10           C.I. Basic Red 9         569-61-9         500         10           C.I. Direct Red 28         573-58-0         500         10           C.I. Direct Red 28         573-58-0         500         10           Carcionogenic or Equivalent Concern         C.I. Disperse Blue 1         2475-45-8         500         10           C.I. Disperse Blue 3         2475-46-9         500         10         L/MS           C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)         2580-56-5         500         10			07.56.2	0.1	0.2	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$ \begin{array}{c c} \text{2E. Dyes-} \\ \text{Carcionogenic or} \\ \text{Equivalent Concern} \end{array} & \begin{array}{c c} \text{C.I. Direct Red 28} & 573-58-0 & 500 & 10 \\ \hline \text{C.I. Basic Violet 14} & 632-99-5 & 500 & 10 \\ \hline \text{C.I. Disperse Blue 1} & 2475-45-8 & 500 & 10 \\ \hline \text{C.I. Disperse Blue 3} & 2475-46-9 & 500 & 10 \\ \hline \text{C.I. Basic Blue 26 (with} \\ \text{Michler's Ketone > 0.1\%)} & 2580-56-5 & 500 & 10 \\ \end{array} \\ \end{array} \\ \begin{array}{c} \text{Liquid Extraction} \\ \text{LC/MS} \end{array} \\ \end{array}$						4
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2E. Dyes-					
Equivalent Concern         C.I. Disperse Blue 1         2475-45-8         500         10           C.I. Disperse Blue 3         2475-46-9         500         10           C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)         2580-56-5         500         10						
C.I. Disperse Blue 32475-46-950010C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)2580-56-550010						LC/MS
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)         2580-56-5         500         10						1
		C.I. Basic Blue 26 (with				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		C.I. Basic Green 4	569-64-2	500	10	

The content of this PDF file is in accordance with the original issued reports for reference only.



# (7222)117-0158 June 23<sup>rd</sup>,2022 Page 16 of 26

			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/( ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	(malachite green chloride)				
	C.I. Basic Green 4 (malachite green oxalate)	2437-29-8	500	10	
	C.I. Basic Green 4(malachite green)	10309-95-2	500	10	
	Disperse Orange 11	82-28-0	500	10	-
	Disperse Yellow 1	119-15-3	500	2	
	Disperse Blue 102	12222-97-8	50	2	
	Disperse Blue 106	12223-01-7	50	2	
	Disperse Yellow 39	12223 617	50	2	
	Disperse Orange 37/59/76	13301-61-6	50	2	
	Disperse Brown 1	23355-64-8	50	2	
	Disperse Orange 1	2581-69-3	50	2	
	Disperse Yellow 3	2832-40-8	50	2	
	Disperse Red 11	2872-48-2	50	2	
2F. Dyes-disperse	Disperse Red 1	2872-52-8	50	2	Liquid Extraction
(sensitizing)	Disperse Red 17	3179-89-3	50	2	LC/MS
	Disperse Blue 7	3179-90-6	50	2	
	Disperse Blue 26	3860-63-7	50	2	
	Disperse Yellow 49	54824-37-2	50	2	
	Disperse Blue 35	12222-75-2	50	2	
	Disperse Blue 124	61951-51-7	50	2	1
	Disperse Yellow 9	6373-73-5	50	2	
	Disperse Orange 3	730-40-5	50	2	
	Disperse Blue 35	56524-77-7	50	2	
	Tris(2-chloroethyl)	115-96-8	5	1	
	phosphate (TCEP) Decabromodiphenyl ether (DecaBDE)	1163-19-5	5	1	
	Tris(2,3-dibromopropyl) phosphate (TRIS/TDBPP)	126-72-7	5	1	
	Pentabromodiphenyl ether (PentaBDE)	32534-81-9	5	1	
	Octabromodiphenyl ether (OctaBDE)	32536-52-0	5	1	
	Bis(2,3-dibromopropyl) phosphate (BIS/BDBPP)	5412-25-9	5	1	ISO 22032, USEPA527
2G. Flame	Tris(aziridinyl)- phosphineoxide (TEPA)	545-55-1	5	1	and USEPA8321B. Dichloromethane
Retardants	Polybromobiphenyls (PBBs)	59536-65-1	5	1	extraction GC/MS or
	Tetrabromobisphenol A (TBBPA)	79-94-7	5	1	LC/MS(-MS)
	Hexabromocyclododecane (HBCDD)	3194-55-6	5	1	
	2,2-Bis(bromomethyl)-1,3- propanediol (BBMP)	3296-90-0	5	1	
	Tris(1,3-dichloro- isopropyl) phosphate (TDCP)	13674-87-8	5	1	
	Short chain chlorinated paraffins (SCCPs) (C10- C13)	85535-84-8	5	1	
2H. Glycols	Bis(2-methoxyethyl)-ether	111-96-6	50	10	US EPA 8270

The content of this PDF file is in accordance with the original issued reports for reference only.



# (7222)117-0158 June 23<sup>rd</sup>,2022 Page 17 of 26

			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/( ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	2-ethoxyethanol	110-80-5	50	10	Liquid Extraction
	2-ethoxyethyl acetate	111-15-9	50	10	LC/MS
	Ethylene glycol dimethyl ether	110-71-4	50	10	
	2-methoxyethanol	109-86-4	50	10	
	2-methoxyethylacetate	110-49-6	50	10	
	2-methoxypropylacetate	70657-70-4	50	10	
	Triethylene glycol dimethyl ether	112-49-2	50	10	
	1,2-Dichloroethane	107-06-2	1	2	
2I. Halogenated	Methylene Chloride	75-09-2	1	2	USEPA 8260B
Solvents	Trichloroethylene	79-01-6	1	2	Headspace GC/MS or Purgeand-Trap-GC/MS
	Tetrachloroethylene	127-18-4	1	2	
	Mono-, di- and tri- methyltin derivatives	Multiple	0.01	0.2	
	Mono-, di- and tri-butyltin derivatives	Multiple	0.01	0.2	
	Mono-, di- and tri-phenyltin derivatives	Multiple	0.01	0.2	
	Mono-, di- and tri-octyltin derivatives	Multiple	0.01	0.2	
	Monomethyltin	Multiple	0.01	0.2	
2J. Organotin	Dimethyltin	Multiple	0.01	0.2	ISO 17353
Compounds	Trimethyltin	Multiple	0.01	0.2	Derivatisation with
I I I I I I I I I I I I I I I I I I I	Monobutyltin	Multiple	0.01	0.2	NaB(C2H5) GC/MS
	Dibutyltin	Multiple	0.01	0.2	
	Tributyltin	Multiple	0.01	0.2	]
	Monophenyltin	Multiple	0.01	0.2	
	Diphenyltin	Multiple	0.01	0.2	
	Triphenyltin	Multiple	0.01	0.2	
	Monooctyltin	Multiple	0.01	0.2	-
	Dioctyltin	Multiple	0.01	0.2	
	Trioctyltin	Multiple	0.01	0.2	
	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.01	0.10	DIN 38407-42 (modified)
2K. Perfluorinated	Perfluoro-n-octanoic acid (PFOA)	335-67-1	0.01	0.10	(modified) Ionic PFC:
and Polyfluorinated	Perfluorobutanesulfonic acid (PFBS)	29420-49-3, 29420-43-3	0.01	0.10	Concentration or direct injection, LC/MS(-MS);
Chemicals (PFCs)	Perfluoro-n-hexanoic acid (PFHxA)	307-24-4	0.01	0.10	Non-ionic PFC (FTOH): derivatisation
	8:2 FTOH	678-39-7	1	1	with acetic anhydride, followed by GC/MS
	6:2 FTOH	647-42-7	1	1	10110 wed by UC/MIS
	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	2	
	Dimethoxyethyl phthalate (DMEP)	117-82-8	10	2	
2L. Phthalates (including all other	Di-n-octyl phthalate (DNOP)	117-84-0	10	2	US EPA 8270D, ISO 18856
esthers of phthalic acid)	Di-iso-decyl phthalate (DIDP)	26761-40-0			Dichloromethane extraction GC/MS
	Di-iso-nonyl phthalate (DINP)	28553-12-0	10	2	]
	Di-n-hexyl phthalate	84-75-3	10	2	

The content of this PDF file is in accordance with the original issued reports for reference only.



# (7222)117-0158 June 23<sup>rd</sup>,2022 Page 18 of 26

Group         Substance (Testing parameter)         CAS No.         Waster or (vg.L) ( (vg.L) ( (vg.L) ( (vg.L) ( vg.L) ( (vg.L) ( vg.L) ( v				Repor	t Limit	
2M. Poly Aromatic         Disary I phthalate (DBP)         84-74-2         10         2           Bury I beary I phthalate (DMP)         84-76-4         10         2           Dinony I phthalate (DMP)         84-76-4         10         2           Diretphy Inthalate (DMP)         84-76-2         10         2           Di-r-propyl phthalate (DMP)         84-66-2         10         2           Di-recolocxyl phthalate (DMP)         84-66-2         10         2           Di-so-buryl phthalate (DMP)         84-66-2         10         2           Di-so-cortyl phthalate (DMP)         84-61-7         10         2           Di-so-cortyl phthalate (DMP)         27554-26-3         10         2           Di-so-cortyl phthalate (deryl - strandown of the stra	Group	·	CAS No.	ater (ug/L)/(	(mg/kg)	0
Buryl benzyl phhalate (BBP)         85-68-7         10         2           Dinonyl phhalate (DP)         84-76-4         10         2           Diethyl phhalate (DP)         84-66-2         10         2           Di-repropyl phhalate (DPRP)         131-16-8         10         2           Di-repropyl phhalate (DCHP)         84-60-5         10         2           Di-repropyl phhalate (DCHP)         27554-26-3         10         2           Di-repropyl phhalate (DCHP)         27554-26-3         10         2           Di-repropyl phhalate (DCHP)         68515-42-4         10         2           1.2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters.         68515-42-4         10         2           (DHP)         0         2         1         0.2           Hydrocarbox         Benzol[alpyrene (BaP)         50-32-8         1         0.2           Benzol[alpyrene (BaP)         50-32-8         1         0.2         1           Pyrene         129-00.0         1         0.2         1         0.2           Benzol[phyrene (BaP)         50-32-8         1         0.2         1           Hydrocarbos         Benzol[phyrene 193-95-5         1         0.2         2     <						
(BBP)         10         2           Dinory phthalare (DP)         84-66-2         10         2           Di-reprop1 phthalare (DP)         84-66-2         10         2           Di-reprop1 phthalare (DP)         84-66-2         10         2           Di-reprop1 phthalare (DP)         84-69-5         10         2           Di-so-buty phthalare (DP)         84-69-5         10         2           Di-so-cotyl phthalare (DCP)         27554-26-3         10         2           Di-so-cotyl phthalare (DCP)         27554-26-3         10         2           Di-so-cotyl phthalare (DCP)         27554-26-3         10         2           Di-so-cotyl phthalare (DCP)         71888-89-6         10         2           DiHUP)         1         1.2-benzenedicarboxylic acid. 61-C6-8-branched alxly esters. C <sup>1</sup> -nch         10         2           Benzolghyrene (BaP)         50-32-8         1         0.2         1           Pyrene         120-12.7         1         0.2         1           Benzolghiperylene         193-39-5         1         0.2         1           Benzolghiloroamhene         205-92         1         0.2         1           Hydroxarbos         Pincambene         2		Dibutyl phthalate (DBP)	84-74-2	10	2	
2M. Poly Aromatin (Paths)         Diction poly phthalate (DPRP)         131-16-8         10         2           Di-iso-buty phthalate (DPRP)         131-16-8         10         2           Di-iso-buty phthalate (DCHP)         84-69-5         10         2           Di-iso-buty phthalate (DCPP)         84-61-7         10         2           Di-iso-octy phthalate (DOP)         27554-26-3         10         2           I.2-benzendicarboxylic acid, di-C7-11-branched and Incaralkyl esters         68515-42-4         10         2           I.2-benzendicarboxylic acid, di-C8-bytanched alkyl esters, C7-rich (DHP)         50-32-8         1         0.2           PhtHP         50-32-8         1         0.2         2           Pyrene         120-12-7         1         0.2           Pyrene         129-00-0         1         0.2           Benzolajhyrene (BaP)         50-32-8         1         0.2           Benzolghiperylene         191-24-2         1         0.2           Benzolghiperylene         205-99-2         1         0.2           Indeen(1,2,3-cd]pyrene         205-99-2         1         0.2           Hodramchan         206-44-0         1         0.2           Phenaultrane         83-22-9 <td></td> <td></td> <td>85-68-7</td> <td>10</td> <td>2</td> <td></td>			85-68-7	10	2	
Din-propyl phthalate (DPRP)         131-16-8         10         2           Di-iso-buyl phthalate (DBP)         84-69-5         10         2           Di-so-buyl phthalate (DCHP)         84-61-7         10         2           Di-so-octyl phthalate (DCHP)         27554-26-3         10         2           I.2-benzenedicarboxylic acid, di-C7-11-branched and inearatkyl esters (DHNUP)         68515-42-4         10         2           I.2-benzenedicarboxylic acid, di-C7-10-branched alkyl esters, C7-rich (DHP)         71888-89-6         10         2           Benzol(p)prene (BaP)         50-32-8         1         0.2           Anttracene         120-12-7         1         0.2           Benzol(p)prene         192-97-2         1         0.2           Benzol(p)prene         192-97-2         1         0.2           Benzol(p)prene         192-97-2         1         0.2           Benzol(p)prene         206-44-0         1         0.2           Benzol(p)flooranthene         205-92-2         1         0.2           Pitoranthene         208-96-8         1         0.2           Acenaphthylene         208-96-8         1         0.2           Phenzol(alphthrathracene         55-53         1         0.2		Dinonyl phthalate (DNP)	84-76-4	10	2	
Difference         151-16-8         10         2           Directory phthalate (DBP)         B4-69-5         10         2           Directory phthalate (DCHP)         84-61-7         10         2           Directory phthalate (DCPP)         27554-26-3         10         2           Directory phthalate (DOP)         27554-26-3         10         2           1,2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP)         68515-42-4         10         2           1,2-benzenedicarboxylic acid, di-C8-branched alkyl esters, C7-rich (DHP)         71888-89-6         10         2           Benzolgalpyrene (BaP)         50-32-8         1         0.2           Anthracene         120-12-7         1         0.2           Benzolgalpyrene (BaP)         50-32-8         1         0.2           Benzolgingrene (BaP)         191-24-2         1         0.2           Benzolgingrene (BaP)         191-24-2         1         0.2           Indeenol(1,2,3-cd)pyrene         191-24-2         1         0.2           Benzolgingrownthene         205-99-2         1         0.2           Fluoranthene         206-44-0         1         0.2           Fluoranthene         206-8         1		Diethyl phthalate (DEP)	84-66-2	10	2	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		(DPRP)	131-16-8	10	2	
(DCHP)         N=1         10         2           Di-iso-octyl phthalate (DOP)         27554-26-3         10         2           1.2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl seters (DHNUP)         68515-42-4         10         2           1.2-benzenedicarboxylic acid, di-C6-8-branched alkyl seters, C7-rich (DHP)         68515-42-4         10         2           Poly Aromatic Hydrocarbons (PaHs)         Benzo[a)prene (BaP)         50-32-8         1         0.2           Benzo[a)prene (BaP)         50-32-8         1         0.2           Benzo[a)prene (BaP)         50-32-8         1         0.2           Benzo[a)prene (BaP)         192-97-2         1         0.2           Benzo[a)prene         192-39-5         1         0.2           Benzo[b]fluoranthene         205-89-2         1         0.2           Benzo[b]fluoranthene         206-88-1         1         0.2           Benzo[b]fluoranthene         207-98-9         1         0.2           Benzo[a)prene         183-02-9         1         0.2           Benzo[a)mbracene         53-70-3         1         0.2           Benzo[a)mbracene         53-70-3         1         0.2           Dibenz[a,h]anbracene         53-70-3		(DIBP)	84-69-5	10	2	
(D(OP)         21334-26-3         10         2           12-benzeneticarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP)         68515-42-4         10         2           12-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DHP)         68515-42-4         10         2           12-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DHP)         71888-89-6         10         2           Anthracene         120-12-7         1         0.2           Pyrene         129-00-0         1         0.2           Benzolghiperylene         191-24-2         1         0.2           Benzolghiperylene         193-39-5         1         0.2           Benzolghiperylene         205-89-3         1         0.2           Benzolghifuoranthene         206-84-0         1         0.2           Benzolghifuoranthene         206-84-0         1         0.2           Renzolkithene         207-08-9         1         0.2           Accenaphthylene         208-96-8         1         0.2           Chrysene         218-01-9         1         0.2           Benzolgianthracene         56-55-3         1         0.2           Phenanthrene         85-01-8         1         0.2		(DCHP)	84-61-7	10	2	
acid, di-C7-11-branched and linearalkyl esters (DHNUP)         68515-42-4         10         2           1.2-benzendicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DHP)         71888-89-6         10         2           Benzo[alpyrene (BaP)         50-32-8         1         0.2           Anthracene         120-12-7         1         0.2           Pyrene         191-24-2         1         0.2           Benzo[alpyrene (BaP)         50-32-8         1         0.2           Anthracene         120-12-7         1         0.2           Pyrene         191-24-2         1         0.2           Benzo[alpyrene         192-97-2         1         0.2           Benzo[bifluoranthene         205-82-3         1         0.2           Fluoranthene         205-82-3         1         0.2           Benzo[k]fluoranthene         207-08-9         1         0.2           Fluoranthene         207-08-9         1         0.2           Chrysene         218-01-9         1         0.2           Pitenanthrene         85-37-3         1         0.2           Pitenanthrene         85-37-7         1         0.2           Pitenanthrene         85-37-7         1		(DIOP)	27554-26-3	10	2	
acid, di-C6-8-branched alky lesters, C7-rich (DHP)         71888-89-6         10         2           Benzo[a]pyrene (BaP)         50-32-8         1         0.2           Anthracene         120-12-7         1         0.2           Pyrene         129-00-0         1         0.2           Benzo[ghi]perylene         191-24-2         1         0.2           Benzo[ghi]perylene         192-97-2         1         0.2           Benzo[ghi]flooranthene         205-99-2         1         0.2           Benzo[ghi]flooranthene         205-99-2         1         0.2           Fluoranthene         206-44-0         1         0.2           Benzo[h]fluoranthene         207-99-2         1         0.2           Fluoranthene         208-96-8         1         0.2           Chrysene         218-01-9         1         0.2           Chrysene         218-01-9         1         0.2           Benzo[a]anthracene         53-70-3         1         0.2           Phenanthrene         85-01-8         1         0.2           Plenzofa_phthene         85-32-7         1         0.2           Plenzofa         71-43-2         1         2 <t< td=""><td></td><td>acid, di-C7-11-branched and linearalkyl esters (DHNUP)</td><td>68515-42-4</td><td>10</td><td>2</td><td></td></t<>		acid, di-C7-11-branched and linearalkyl esters (DHNUP)	68515-42-4	10	2	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	10	2	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			50-32-8	1	0.2	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Anthracene	120-12-7	1	0.2	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Pyrene	129-00-0	1	0.2	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				1	0.2	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	2M Poly Aromatic					DIN 38407-39
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
Acenaphthylene $208-96-8$ 1 $0.2$ Chrysene $218-01-9$ 1 $0.2$ Dibenz[a,h]anthracene $53-70-3$ 1 $0.2$ Benzo[a]anthracene $56-55-3$ 1 $0.2$ Acenaphthene $83-32-9$ 1 $0.2$ Phenanthrene $85-01-8$ 1 $0.2$ Phenanthrene $86-73-7$ 1 $0.2$ Naphthalene $91-20-3$ 1 $0.2$ Benzene $71-43-2$ 1 $2$ ZN. Volatile       Sylene $1330-20-7$ 1 $2$ Organic Compound $0-cresol$ $95-48-7$ 1 $2$ $p-cresol$ $106-44-5$ 1 $2$ $106-44-5$ 1 $2$ $p-cresol$ $106-44-5$ 1 $2$ $106-44-5$ 1 $2$ $m-cresol$ $108-39-4$ 1 $2$ $106-44-5$ $1$ $2$ $100-2$ $106-44-5$ $1$ $2$ $106-44-5$ $1$ $2$ $106-44-5$ $1$ $2$ $106-44-5$ <	-					
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						4
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						4
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$						4
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				-		4
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$						4
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						-
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	ONL M-1 (1					150 11402 1
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
Temperature-N/AN/AApply the standard methods that best apply to the region (ISO, EU, US, China), please refer1A. Conventional ParametersTotal-N-N/AN/AUS, China), please refer to ZDHC Wastewater Guidelines for more details on the testing	(1003)	*		-		and map-OC/1010
TSS-N/AN/Amethods that best apply to the region (ISO, EU, US, China), please refer1A. Conventional ParametersTotal-N-N/AN/AUS, China), please refer to ZDHC Wastewater Guidelines for more details on the testing				1		
I.A. Conventional ParametersCOD-N/AN/Ato the region (ISO, EU, US, China), please refer1A. Conventional ParametersTotal-N-N/AN/AUS, China), please referpH-N/AN/AN/Ato ZDHC WastewaterColor [m <sup>-1</sup> ] (436nm; 525nm; 620nm)-N/AN/AN/A						
1A. Conventional ParametersTotal-N—N/AN/AUS, China), please refer to ZDHC Wastewater Guidelines for more details on the testing1A. Conventional ParametersTotal-N—N/AN/AUS, China), please refer to ZDHC Wastewater Guidelines for more details on the testing						
Parameters     pH     -     N/A     N/A     to ZDHC Wastewater       Color [m <sup>-1</sup> ] (436nm; 525nm; 620nm)     -     N/A     N/A     Guidelines for more details on the testing	1A Conventional					
Color [m <sup>-1</sup> ] (436nm; 525nm; 620nm)N/AN/AGuidelines for more details on the testing						
	i urunotti s	Color [m <sup>-1</sup> ] (436nm;				Guidelines for more
		BOD5		N/A	N/A	method and the levels

The content of this PDF file is in accordance with the original issued reports for reference only.



(7222)117-0158 June 23<sup>rd</sup>,2022 Page 19 of 26

			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/( ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	Ammonium-N		N/A	N/A	(Foundational,
	Total-P	—	N/A	N/A	Progressive, and
	AoX	—	N/A	N/A	Aspirational).
	Oil and Grease	_	N/A	N/A	
	Phenol	_	N/A	N/A	Cyanide: With
	Coliform(bacteria/100ml)	—	N/A	N/A	reference to APHA
	Persistent Foam	_	Not	Not	4500 CN—B,C&E and
			visible	visible	followed by UV
	ANIONS	1	-		analysis
	Cyanide( CN-)	Various (incl. 57-12-5)	0.02	1	_
	Sulfide	-	N/A	N/A	
	Sulfite	—	N/A	N/A	
				t Limit	
	Substance (Testing		Wastew	Sludge	Name of the testing
Group	parameter)	CAS No.	ater	(mg/kg)	method
			(mg/L) / (ppm)	/ (ppm)	
	Antimony( Sb )	7440-36-0	0.001	N/A	Various
	Chromium( Cr ), total	7440-47-3	0.001	N/A	Acid Digestion with
	Cobalt( Co )	7440-48-4	0.001	N/A	ICP analysis
	Copper(Cu)	7440-50-8	0.001	N/A	
	Nickel (Ni)	7440-02-0	0.001	N/A	please refer to ZDHC
	Silver (Ag)	7440-22-4	0.001	N/A	Wastewater Guidelines
1B. Conventional	Zinc(Zn)	7440-66-6	0.001	N/A	for more details on the
Parameters -	Arsenic (As)	7440-38-2	0.001	2	testing method and the
METALS	Cadmium( Cd )	7440-43-9	0.0001	2	levels (Foundational,
-	Chromium VI(CrVI)	18540-29-9	0.001	2	Progressive, and
	Lead(Pb)	7439-92-1	0.001	2	Aspirational).
	Mercury (Hg)	7439-97-6	0.00005	0.2	Cr(VI): Various Solvent extraction and derivatisation followed by UV analysis
3. Conventional Parameters	Dry mass (total solids)	-	N/A	N/A	US EPA 160.3 / 209A

Note / Key :

ppm = part(s) per million; ppb = part(s) per billion U. S. EPA = United States Environmental Protection Agency APHA = American Public Health Association



(7222)117-0158 June 23<sup>rd</sup>,2022 Page 20 of 26

# **APPENDIX C – Onsite Field Data Record Sheet**

	4	FIELD DATA (COM	RECORD O POSITE / IN					Issue Date Version No	No		
General Data											
Laboratory Sample N	umber:	72221170158									
Client Name: Field Contact Person:			IG AND WEAVIN	IG COMPANY							
Project (Facility Name	and Address)	Mohamed Elhi			Phone No:+2	0238900210 Ext 2	50	dimension di second			
Sampling Location / E		INCOMING	KERDASA, 1287	5 GIZA-EGYPT							
Sample Identification:	aborprort.	Manager and Annual A	with sampling p	1					_		
Sample Type:		Grab sample	with sampling p	lan	energia estado				_		
Name of Sampler:		M	1.60M	1.	INI		01	2-1			
Discharge mode:		Direct discharge	to environment (S	Decify destination	Diver Sea Street	ames 1	thou-	seid			
Date of collection:		30 .	5. 202	5	niver, dea, direa	inn) O e indiradi di	scharge to sewag	e treatment plant	-		
Factory Type		Dyeing / Printin	g / Washing / Fi		(please specify)	K			_		
Field Data for Waster Arrival Time:	water			1							
Field Parameters		pH :		Departure Tim							
Control No. of field eq	uipment			Temp :	°C	Color		Flow rate :	(volume/min)		
Lactory with effluent tr	eatment plant:		6	res		-					
		×	Incoming water	-	-			No			
Samplo matrix			Wastewater be	and the second se							
			Wastewater after treatment – water at discharge point								
Sampler container number				1				1			
	1	1	2	3	4	5	6	7	8		
Recording time	ID										
	Time	9:30am									
pH:		7									
Fomp (°C) : Color (visual estimation	a).	26°C	1								
low rate (volume/time		Transpare	nd								
Volume collected, mL	,	,									
lotal volume collected			Romody Total								
in the second second second			Romark. Total v	olume collected	must be greater	than total of sam	ble size required	ł			
	d Preservation Method MRSL Parameters)	Test required	Total of		Type of contair	her	P				
	1. Phthalate	(v) V	sample size				P	reservation met			
Combined test	2. Chlorobenzenes,										
or Individual test	Chlorotoluene & PAH	V	1000 mL total or								
(Remark 4)	3. SCCPs	V	1000 mL each								
	4. APS	V									
APEOs		~	100 mL								
Chlorophenols & Cre	sols	√	100 mL								
Flame retardant		~	500 mL								
Dyos		N	10 mL	Amba- O	nee unebad		s	Without adding aci itore sample at 2-8	id °C		
Glycol		×	50 mL								
0 *Pesticides											
1 *Nitrosamine											
2 Banned Azodyes		21									
	tia amina a	V									
3. 1 roo primary aroma	the second second second second		500 mL								
4 Organotin Compoun		N	500 mL								
VOC & Halogenated	Solvents (Remark 6)	×	10 mL				ill to full containe	r without air gap; a	icidify to pH 2 with		
. PFCs (Remark 6)		V		PE, washed with pesticide grade Acetone				HCI and store sample at 2-8°C Without adding acid Store sample at 2-8°C			



## (7222)117-0158 June 23<sup>rd</sup>,2022 Page 21 of 26

Constant of the second					CPSD-AN-00613-DATA 04		
	FIE	LD DATA R	ECORD ON	ZERO DISCHARGE SAMPLE	Issue Date:		
		(COMF	OSITE / INC	VIDUAL SAMPLING)	Version No.: 14		
NET STERLES					Business Line: Analytical		
Tests (Conve	ntional Parameters)	Test required (v)	Total of sample size	Type of container	Preservation method		
Combined test or	17. Total suspened solids (TSS)		2000 mL total				
Individual test (Remark 4)	18. Total dissolved solids (TDS)		2000 mL each	Amber Glass, washed with nitric acid,	Without adding acid Store sample at 2-8°C		
9 5-day Biochemical	Oxygen Demand (BOD5)		1000 mL				
0. Colour			100 mL				
1 Licavy Metals exce	pt Cr(VI) & Total-P (Remark	V	9 mL	PE, washed with nitric acid	Acidify to pH 2 with $\text{HNO}_3$ and store at 2-8°C		
22. Cyanide			500 mL	Amber Glass, washed with pesticide grade acctone	Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , and store sample at 2-8°C		
23. Cr(VI)		×	95 mL		Filter by 0.45µm filter in field, fill to full container without air gap; adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C		
24. Chemical oxygen d	lemand (COD)		150 mL				
25. Phenols			500 ml.	Amber Glass; washed with nitric acid	Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> Store sample at 2-8°C		
26. Oil and Grease & T	fotal Hydrocarbon		1000 mL				
27 *Formaldehyde			25 mL		Fill to full container without air gap; acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> and store sample at 2-8°C		
28. Sulfide (Remark 5)			50 mL	PE, washed with pesticide grade Acetone;	Fill to full container without air gap; add 2 drops of 2N zinc acetate, adjust pH to 9 with 6M NaOH Store sample at 2-8°C		
29. Total Coliform (Rei	mark 6)		125 mL	PE, clean, storile,	Add 0.05 ml of 10% Na2 <sub>5</sub> 2O <sub>3</sub>		
30. Faecal Coliform (R	emark 6)		125 mL	non-reactive	Store sample at 2-8°C		
31. Persistent foam			N.A.	Foam higher than 45 cm (visi	ual estimation): Yes / No		
32 Sulfite			100 mL	Amber Glass, washed with pesticide grade acctone	Add 1mL of 2.5% EDTA, 0.5g zinc acetate Store sample at 2-8°C		
33. Total-N			100 mL				
34. Ammonium-N			500 mL		Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> Store sample at 2-8°C		
35. Adsorbable organi	cally bound halogens (AOX)		100 mL				
36. Acute aquatic toxicity: Luminus Bacteria; Fish Egg; Daphne; Alage;			1000 mL	Amber Glass;washed with nitric acid;	Without adding acid		
37. Sulphate			100 mL		Store sample at 2-8°C		
38. Chloride			100 mL				
39. Others:							

\*Romarks:

1. Individual sampling can be performed upon request

2. The minimum sampling time for 2019 ZDHC guideline is 6 hours with no more than one hour between discrete samples. Sampling time could be adjusted upon request.

3. Scope of ZDHC guideline: Parameter 1-9, 12, 14-17, 19-26, 28, 29, 31-35

Scope of synthetic leather industry: Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38 Scope of MMCF: Parameter 5, 15, 17, 19-21, 23 - 26, 28, 33-36

Free primary aromatic amine, pesticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guidline, they are tested upon request.

4. Refer to CPSD-AN-G00019-STIP01, loactions with those CPSD test capability inside TCD matrix can perform the combined test. 5. Refer to CPSD-AN-000570-MTHD for additional pretreatment of sulfide if only dissolved sulfide is required to be tested.

6. Rofer to CPSD-AN-00613-MTHD for preparation of field blank for specific parameters.

Recorded by:

Full name:

Comment from factory

Acknowledgement by factory

I hereby confirmed that Bureau Veritas has completed the stated sampling activity at captioned date, time and location. All sample(s) is/are collected in desinated container(s) and without any observation in leakage. Sample(s) collected by Bureau Veritas is/are stored in portable freezer / fridge that is maintained in 1-6°C Servinning & Weavin 30 May, 2022

Signatory of Factory Representative /2221170158-GIZA-incoming

Mehand Elhichy

Page 2 of 6

Date:



# (7222)117-0158 June 23<sup>rd</sup>,2022 Page 22 of 26

(6)	FI	IELD DATA F (COMF	RECORD ON POSITE / IN					CPSD-AN-00 Issue Date: Version No.:	613-DATA 04 14		
CARGE AND								Business Lir	ne: Analytical		
General Data											
l aboratory Sample Nu	mber.	72221170158									
Client Name:			G AND WEAVING	G COMPANY							
Field Contact Person		Mohamed Elhin			Phone No:+202	38900210 Ext 25					
Project (Facility Name	and Address)		KERDASA, 12875	GIZA-EGYPT		SOUDDE TO ERT ED					
Sampling Location / Do		BEFORE TREA		old reon r							
Sample Identification:			with sampling pla	20							
Sample Type:		Composite San		21 							
Name of Sampler		Must 1	NUN	1	NI	1 /	1/ 0	- 1			
Discharge mode:		Direct discharge	del 10	hamed	1 Cher	reger	bou-f	ed			
Date of collection:			to environment (Sp	ecity destination. H	over, Sea, Stream	) Unindirect disi	charge to severage	treatment plant			
Factory Type:		0.0	dodo	2							
actory Type.			g / Washing / Fin e selected more that		please specify):						
		Hote: It would be	selected more (na	in one							
Field Data for Wastew Arrival Time:	rater		-	Departure Time				1			
ield Parameters		pH:		Temp :	°C	Color :		Elaw cata	fundament former		
Control No. of field equ	ioment			ranju .	U	00101		Flow rate :	(volume/min)		
Factory with effluent tro			6	05				10			
and a second sec	and press.	-	Incoming water	(If required)			P	No			
Sample matrix:			100								
an goar manas.		×	x Wastewater before treatment								
Sampler container num	har		Wastewater afte	er treatment – wa	ter at discharge	point T					
aampidi containei nun	Der										
	1	1	2	3	4	5	6	7	8		
Recording time	D	1	1.4								
	Time	10:00 um	11:00 am	12:00 Pm	ticopm	Juppm	3:00 Pm				
ill.		8	8	8'	8.	8'	81				
lemp (°C) :		38.18	38.7 4	38°C	38.3%	38.2 %	36.8°C				
Color (visual estimation		DarkRed	Dark Ked	Dark-Rec	Darthed	DukRed	Dark Pad				
low rate (volume/time)						-					
Volume collected, ml											
Total volume collected			Remark: Total v	olume collected r	nust be greater t	han total of samp	le size required				
Analysis Required an	Preservation Method										
	MRSL Parameters)	Test required (√)	Total of sample size	т	ype of containe	er	Pri	eservation meth-	od		
	1. Phthalate	×.									
Combined test	2 Chlorobenzenes.	Ň	1000 ml. total								
or Individual test	Chlorotoluene & PAH	-	or								
(Remark 4)	3. SCCPs	×	1000 mL each								
	4. APS	Ń									
APLOs		¥	100 mL								
Chlorophenols & Cre	sols	v	100 mL								
Flame retardant		1	500 mL					Nithout out			
) Dyes		~	10 mL	Amber Gl	ass,washed with n	itric acid,	St	Without adding acid fore sample at 2-8%	c		
Glycol		Ń	50 mL								
0. "Pesticides			1000 mL								
1 *Nitrosamino			10 mL								
2 Banned Azodyes		Ń	2000 mL								
3. *Free primary aroma	itic amines		500 mL								
	ds	*	500 mL								
<ol> <li>Organotin Compour</li> </ol>											
4 Organotin Compour 5 VOC & Halogenated	Solvents (Remark 6)	×	10 mL	_			Fill to full container HCI an	r without air gap; ac Id store sample at 2	idify to pH 2 with 2-8°C		



# (7222)117-0158 June 23<sup>rd</sup>,2022 Page 23 of 26

	CPSD-AN-00613-DATA 04 Issue Date: Version No.: 14				
BUREN AND ALSO B				DIVIDUAL SAMPLING)	Business Line: Analytical
Tests (Conve	ntional Parameters)	Test required		Type of container	
Combined test	17. Total suspened solids	(v)	size	Type of container	Preservation method
or Individual test	(TSS) 18. Total dissolved solids		2000 mL total or		
(Remark 4)	(TDS)		2000 mL each	Ambor Glass, washed with nitric acid,	Without adding acid
9.5 day Biochemical	Oxygen Demand (BOD5)		1000 mL		Store sample at 2-8°C
). Golour			100 mL		
<ol> <li>Heavy Metals except</li> </ol>	ot Cr(VI) & Total-P (Remark	×	9 mL	PE, washed with nitric acid	Acidify to pH 2 with HNO3 and store at 2-8°C
2. Cyanide			500 mL	Ambor Glass, washed with pesticide grade acctone	Adjust pH 12 with 50% NaOH, add 0.05 ml of 10%
3. Cr(VI)		V	95 mL		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , and store sample at 2-8°C Filter by 0.45µm filter in field, fill to full container without air gap; adjust pH to 9.0-9.5 by adding
4. Chemical oxygen de	omand (COD)		150 mL		ammonium buffer. Store sample at 2-8°C
Phonois			500 mL	Amber Glass; washed with nitric acid	Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub>
5. Oil and Grease & T-	otal Hydrocarbon		-		Store sample at 2-8°C
1 ormaldehyde			1000 mL		Fill to full container without air gap; acidify to pH 2 with
			25 ml.		H <sub>2</sub> SO <sub>4</sub> and store sample at 2-8°C
Sulfide (Remark 5)			50 mL	PE, washed with pesticide grade Acetone;	Fill to full container without air gap; add 2 drops of 2M zinc acetate, adjust pH to 9 with 6M NaOH Store sample at 2-8°C
). Total Coliform (Rem			125 mL	PE, clean, sterile,	Add 0.05 ml of 10% Na2 <sub>3</sub> 2O <sub>3</sub>
). Faecal Coliform (Re	mark 6)		125 mL	non-reactive	Store sample at 2-8°C
Persistent foam			N.A.	Foam higher than 45 cm (visu	al estimation): Yes / No
Sulfito			100 mL	Amber Glass, washed with pesticide grade acetone	Add 1mL of 2.5% EDTA, 0.5g zinc acetate Store sample at 2-8°C
Total-N			100 ml.		
Ammonium-N	mmonium-N		500 mL		Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> Store sample at 2-8°C
Adsorbable organica	ally bound halogens (AOX)		100 mL		store sample at 2-0 G
Acute aquatic toxicit minus Bacteria, Fish			1000 mL	Ambor Glass;washed with nitric acid;	
Sulphate			100 mL		Without adding acid Store sample at 2-8°C
. Chlorido			100 mL		
Others:					
oservation/ Remark:					
The minimum samplin Scope of ZDHC guide Scope of synthetic les Scope of MMCF: Free primary aromatic Refer to CPSD-AN-GO Refer to CPSD-AN-00	line: Parameter 1-9, 12, 14-17 ther industry: Parameter 1-9, Parameter 5, 15, 17, 19-21, : ; amine, pesticides, nitrosamin 20019-STIP01, loactions with t	19-26, 28, 29 12, 14-21, 23-2 23 - 26, 28, 33- e and formalde hose CPSD tes treatment of su field blank for s	, 31-35 6, 28, 30, 31, 33, 36 hyde are not in the t capability inside lfide if only dissolv	e scope of ZDHC Guidline, they are tested upon r TCD matrix can porform the combined test, red sulfide is required to be tested.	
proment from factory					
mowledgement by fac proby confirmed that B stainer(s) and without	ureau Veritas has completed	the stated samp ample(s) collec	oling activity at cap ted by Bureau Ver	btioned date, time and location. All sample(s) is/ar itas is/are stored in portable freezer / fridge that is	e collected in desinated maintained in 1-9°C
gnatory of Factory Rep /22211/0158-GIZ		Nelmed	Elh	Startining & Weaving Co. 13.4	30 May 2022



# (7222)117-0158 June 23<sup>rd</sup>,2022 Page 24 of 26

	F	ELD DATA R	ECORD ON	ZERO DIS	CHARGE SA	MPLE		CPSD-AN-00 Issue Date:	613-DATA 04		
VEF/			OSITE / INC					Version No.:	14		
STATISTICS STATE							_	Business Lir	ne: Analytical		
General Data											
Laboratory Sample Nur	nber	72221170158									
Client Name:	noor.	GIZA SPINNING		COMPANY					54		
Field Contact Person:				COMPANY	Phone No:+2023	20000210 Evt 26	0		-		
Project (Facility Name a	and Addressa)	Mohamed Elhino	8	CIZA ECVOT	FIGHE NO. +2020	509002 TO EXC 25	0				
		KAFR HAKIM, K		GIZA-EGTPT					-		
Sampling Location / De	scription:	AFTER TREAT							-		
Sample Identification:		Zero discharge		ari					-		
Sample Type:		Composite Sam		1			1	0.1	-		
Name of Sampler:		Mai F	Hel Mc	horme	Moho	imed	Abou-	Seid			
Discharge mode:		Direct discharge t	o environment (Sp	ecify destination: F	tiver, Sea, Stream.	) OR Indirect disc	charge to sewage	treatment plant	-		
Date of collection:		30.2.	dedd								
Factory Type:		Dyeing / Printing			please specify):						
		TNOTE: It would be	selected more that	in one							
Field Data for Wastew Arrival Time:	vater			Deperture T				1			
Field Parameters		pH :		Departure Time		Color		Elou arte i	hallowerter		
		pH :		Temp :	°C	Color :		Flow rate :	(volume/min)		
Control No. of field equ	-		- 6	<u> </u>							
Factory with effluent tre	saunent plant:	197	<u> </u>	es			1	No			
Cample motive			Incoming water (If required)								
Sample matrix:			Wastewater before treatment								
Pomolos op 11		x	vvastewater afte	er treatment – wa	ter at discharge p	point					
Sampler container nurr	bei										
		1	2	3	4	5	6	7	8		
Recording time	ID			10 0	1 0		0.5				
	Time	10:00 am	11:00 am	12:00 Pm	1: DOPM	2:00pm	SEOPM				
pH :		1	7	7'	<u> </u>	<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	J.				
Temp (°C):		27.2 °C	28.9°C	29.30	31.3 °C	31.72	32.32				
Color (visual estimation		Light Yellow	1. yellow	1. Jellow	lightblue	1. blue	L.blue				
Flow rate (volume/time	)	0 0	0	0	0						
Volume collected, mL											
Total volume collected	-		Remark: Total v	olume collected	must be greater t	han total of samp	ole size required				
Analysis Required an	d Preservation Method										
	MRSL Parameters)	Test required (√)	Total of sample size	1	Гуре of containe	r	Pr	reservation met	hod		
	1. Phthalate	4									
Combined test	2. Chlorobenzenes,	×	1000 mL total								
or Individual test	Chlorotoluene & PAH		or								
(Remark 4)	3. SCCPs	1	1000 mL each						1		
	4. APS	V					-				
5. APEOs		V	100 mL								
6. Chlorophenols & Cre	esols	1	100 mL	1							
7 Flame retardant		1	500 mL								
								Without adding aci			
8. Dyes		V	10 mL	Amber Glass,washed with nitric acid, Store sample at 2-8'1		aampie at 2*0					
9. Glycol		V	50 mL								
10. *Pesticides			1000 mL								
11. *Nitrosamine			10 mL								
12. Banned Azodyes		V	2000 mL								
13. *Free primary arom	atic amines		500 mL								
14. Organotin Compou	nds	V	500 mL								
15. VOC & Halogenate	d Solvents (Remark 6)	1					Fill to full containe	er without air oan	acidify to pH 2 with		
		N	10 mL	Н			HCI a	container without air gap; acidify to pH 2 with HCI and store sample at 2-8°C			
	16. PFCs (Remark 6)		2 mL PE, washed with pesticide					Without adding acid Store sample at 2-8°C			



# (7222)117-0158 June 23<sup>rd</sup>,2022 Page 25 of 26

	FIE			ZERO DISCHARGE SAMPLE DIVIDUAL SAMPLING)	CPSD-AN-00613-DATA 04 Issue Date: Version No.: 14
		(001111	001121111		Business Line: Analytical
Tosta (Cor	ntional Parameters)	Test required	Total of sample	Tunn of produing	Branautian
	17. Total suspened solids	(√)	size	Type of container	Preservation method
Combined test or Individual test	(TSS)	1	2000 mL total or		
(Remark 4)	18. Total dissolved solids (TDS)		2000 mL each	Amber Glass, washed with nitric acid,	Without adding acid Store sample at 2-8°C
	Dxygen Demand (BOD5)	Ń	1000 mL		
0. Colour	0.000.07.100.00	Ń	100 mL		
<ol> <li>Heavy Metals excep</li> </ol>	ot Cr(VI) & Total-P (Remark	Ń	9 mL	PE, washed with nitric acid	Acidify to pH 2 with HNO3 and store at 2-8°C
22 Cyanide		N	500 mL	Amber Glass, washed with pesticide grade acetone	Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , and store sample at 2-8°C
23. Cr(VI)		N	95 mL		Filter by 0.45µm filter in field, fill to full container without air gap; adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C
24. Chemical oxygen de	emand (COD)	Ń	150 mL		
25. Phenols		×	500 mL	Amber Glass; washed with nitric acid	Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> Store sample at 2-8"C
26 Oil and Grease & To	otal Hydrocarbon	×	1000 mL		
27. *Formaldehyde			25 mL		Fill to full container without air gap; acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> and store sample at 2-8°C
28. Sulfide (Remark 5)		×	50 mL	PE, washed with pesticide grade Acetone;	Fill to full container without air gap; add 2 drops of 2M zinc acetate, adjust pH to 9 with 6M NaOH Store sample at 2-8°C
29. Total Coliform (Rem	ark 6)	Ń	125 mL	PE, clean, sterile,	Add 0.05 ml of 10% Na2 <sub>5</sub> 2O <sub>3</sub>
30 Faecal Coliform (Re	mark 6)		125 mL	non-reactive	Store sample at 2-8°C
31. Persistent foam		×	N.A.	Foam higher than 45 cm (visu	al estimation): <u>Yes / No</u>
32. Sulfite		~	100 mL	Amber Glass, washed with posticide grade acetone	Add 1mL of 2.5% EDTA, 0.5g zinc acetate Store sample at 2-8°C
33. Total-N		Ń	100 mL	E.	
34. Ammonium-N	Ammonium-N		500 mL		Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> Store sample at 2-8°C
35. Adsorbable organica	ally bound halogens (AOX)	N.	100 mL		
<ol> <li>Acute aquatic toxicit uminus Bacteria; Fish</li> </ol>			1000 mL	Amber Glass;washed with nitric acid;	
37. Sulphate			100 mL		Without adding acid Store sample at 2-8°C
38. Chloride			100 mL		- 1 N-11 - 1
39. Othors					
Observation/ Remark:					
<ol> <li>The minimum samplin</li> <li>Scope of ZDHC guide</li> <li>Scope of synthetic least scope of MMCF:</li> <li>Free primary aromatic</li> <li>Refer to CPSD-AN-Go</li> <li>Refer to CPSD-AN-OC</li> </ol>	eline: Parameter 1-9, 12, 14-1 ather industry: Parameter 1-9 Parameter 5, 15, 17, 19-21 c amine, pesticides, nitrosami 00019-STIP01, loactions with	line is 6 hours wi 17, 19-26, 28, 29, , 12, 14-21, 23-2 , 23 - 26, 28, 33- ine and formalde those CPSD tes retroatment of su	31-35 6, 28, 30, 31, 33, 36 hyde are not in th it capability inside lifde if only dissol	e scope of ZDHC Guidline, they are tested upon p TCD matrix can perform the combined test, ved sulfide is required to be tested.	
- Herenio, Ch2D-AN-0	uo to-with the for preparation of	or neid blank for s	specific paramete	rs.	
Recorded by:	÷			Date:	
	Full name:				
Comment from factory					
	,				
kcknowledgement by fac	clory				
hereby confirmed that I	Bureau Veritas has complete	d the stated sam	oling activity at ca	ptioned date, time and location. All sample(s) is/a	re collected in desinated
ontainer(s) and without lignatory of Factory Rep 72221170158-GI2	any observation in leakage.	Sample(s) collec	ted by Bureau Ve	ritas is/are stored in portable freezer / fridge that i	s maintained in 1-6°C



(7222)117-0158 June 23<sup>rd</sup>,2022 Page 26 of 26

# **APPENDIX D – Limitation Value of Legal Requirements**

	جدول رقم (۵) مقابل أعباء معالجة صرف المنشآت الصناعية المخالف لمعايير القرار الوزارى رقم ٤٤ لسنة ٢٠٠٠									
مهلة توفيق الأوضاع	مقابل أعباء التنقية ( جنيه / م <sup>٣</sup> )	التركيزات (جرام/م <sup>٣</sup> )	اللوثـــات							
٦ أشهر	۴	أكبر من ٦٠٠ - أقل من ٦٦٠	الأكسجين الحيرى							
۳ أشهر	٩	۹۹۰ – أقل من ۲۰۰۰	المتص							
أسبوعين	١٨	۲۰۰۰ فأكثر	(BOD)							
۳ أشهر	2	أكبر من ۱۲۰۰ - أقل من ۲۰۰۰	الأكسجين الكيميائي							
شهرين	۱۸	۲۰۰۰ – أقل من ۲۰۰۰	المتص							
أسبوع	۳۰	۰۰۰ فأكثر	(COD) <sup>(*)</sup>							

<sup>(\*)</sup> عند مخالفة السيب النهائي للمنشأة الصناعية في (BOD & COD) مجتمعين يتم تخفيض مقابل الـ COD بنسبة (٤٠٪) .

مهلة توفيق الأوضاع	مقابل أعباء التنقية ( جنيه / م <sup>٣</sup> )	التركيزات (جرام/م٣)	الملوثسات
٦ أشهر	۲	آکبر من ۸۰۰ - أقل من ۸۸۰	المواد الصلبة
۳ أشهر	0	۸۸۰ – أقل من ۳۰۰۰	العالقة
أسبوع	١٥	۳۰۰۰ قأكثر	(TSS)
أسبوع	٦.	أقل من ۲ وأكبر من ۱۲	الأس الهيدروجيني
أسبوعين	¥.	من ۲ وحتی ٦ ومن ٩,٥ وحتی ۱۲	(PH)
شهر	١.	أكبر من ۱۰۰ - أقل من ۱۰۰	الزيوت والشحوم
أسيوعين	۲٥	۱۰۰۰ فأكثر	(O&G)

ی ۳۱ مایو سنة ۲۰۱۸	لعدد ۲۲ (تابع) ف	۸ الجريدة الرسمية – اا
--------------------	------------------	------------------------