TEST REPORT

Technical Report	**(7222)110-0087**	September 28th,2022
Date Received	September 15th,2022	Page 1 of 24

Factory Company Name:	GOKHAN TEKSTIL SAN. VE TIC. A.S.
Factory Address:	DENIZLI OSB FAHRI KARACA CADDESI NO:13 HONAZ-DENIZLI/TURKEY
Sampling Method:	I001) Raw Wastewater – 6 hours - Time – weighted Composite I002) Treated Wastewater – 6 hours - Time – weighted Composite
Sample Pick Up Date:	September 14th,2022
Wastewater Discharge to:	Centralized ETP
On-Site Effluent Treatment Plant (ETP):	Yes
Discharge Type:	Indirect Discharge
Off-site ETP name (if applicable):	Denizli Organized Industrial Zone
Off-site ETP address (if applicable):	OSB Yasar Oncan Cd. No:1, 20330, Honaz/Denizli
Local Regulation: / Ordinance / requirements related to wastewater discharged are followed:	DOSB Merkezi Atiksu Aritma Tesisi Giris Parametre Degerleri (See Appendix D)
Permit Validation Date:	10/01/2025
Parameters Exceeded Local Regulation	
Legal compliance:	Legal Compliance
Conventional Parameters:	Meet discharge license criteria
MRSL Parameters:	Not Detected
Test Period:	September 15th,2022- September 28th,2022
Sample Description:	I001) Grey/Red/Brown/Navy blue Liquid– Raw Wastewater I002) Black/Red Liquid– Treated Wastewater
Parameters exceeded maximum holding time:	NA

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Consumer Products Services, Inc.
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REMARK1: Analysis of Table1 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	Kerem Can	Kerem.can@bureauveritas.com
Technical enquiry-Chemical	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.

BUREAU VERITAS CONSUMER PRODUCTS SERVICES TEST LABORATUVARLARI LTD. STI

PREPARED BY:

Ayca Cevikus
MEA CDM & CSR Manager

Kerem Can
General Manager, CPS Turkey

Executive Summary

1A) Conventional Parameters	**I001**	**I002**
Temperature	NR	☐
TSS		☐
COD		☐
Total-N		NA
pH Value		☐
Color [m^{-1}] (436nm; 525nm; 620nm)		NA
BOD_5		☐
Ammonium-N		NA
Total-P		☐
AOX		NA
Oil and Grease		☐
Phenol		NA
Coliform		NA
Persistent Foam		NA
ANIONS - Cyanide		☐
ANIONS - Sulfide		NA
ANIONS - Sulfite		NA
Dry mass (total solids)	NR	NR
1B) Conventional Parameters – METALS	NA	☐

ZDHC MRSL Substances	**I001**	**I002**
2A) APs and APEOs	ND	ND
2B) Chlorobenzenes and Chlorotoluenes	ND	ND
2C) Chlorophenols	ND	ND
2D) Azo Dyes	ND	ND
2E) Carcinogenic Dyes	ND	ND
2F) Disperse Dyes	ND	ND
2G) Flame Retardants	ND	ND
2H) Glycols	ND	ND
2I) Halogenated Solvents	ND	ND
2J) Organotin Compounds	ND	ND
2K) Perfluorinated and Polyfluorinated	ND	ND
2L) Phthalates	ND	ND
2M) Polycyclic Aromatic Hydrocarbons	ND	ND
2N) Volatile Organic Compounds	ND	ND

Note / Key :

☐ - Meet discharge license criteria
■ - Exceed discharge license criteria
NR - Not Requested / Not required
D - Detected
ND - Not Detected
NA - Not Applicable

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) Polycyclic Aromatic Hydrocarbons
2N) Volatile Organic Compounds

Sampling Plan

Two environment samples were sampled per factory, including 1) Raw wastewater; 2) Discharged 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 refers to ZDHC Wastewater and Sludge Laboratory Sampling and Analysis Plan
- Field data records are attached in Appendix C.

Test Result

1A) Conventional Parameters

Temperature

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

Tested Item(s)	Result	Unit	Conclusion
I002	▲2 / 36°C (Meet discharge license)	°C	DATA

Note: °C = degree Celsius
Direct Discharge Limit: Foundational ▲15 / max. 35°C; Progressive ▲10 / max. 30°C; Aspirational ▲5 / max. 25°C
Indirect Discharge Limit: 40°C

Total Suspended Solids (TSS)

Test Method : Reference to APHA 2540 D

Tested Item(s)	Result	Unit	Conclusion
I002	30 (Meet discharge license)	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 50 mg/L; Progressive 15 mg/L; Aspirational 5 mg/L
Indirect Discharge Limit: 320 mg/L

Chemical Oxygen Demand (COD)

Test Method : Reference to APHA 5220 D

Tested Item(s)	Result	Unit	Conclusion
I002	1273.4 (Meet discharge license)	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 150 mg/L; Progressive 80 mg/L; Aspirational 40 mg/L
Indirect Discharge Limit: 1500 mg/L

Total Nitrogen (Total-N)

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

Tested Item(s)	Result	Unit	Conclusion
I002	35.78	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 20 mg/L; Progressive 10 mg/L; Aspirational 5 mg/L
Indirect Discharge Limit: Not Applicable

pH Value

Test Method : Reference to U. S. EPA 150.1

-	Unit	Result
Test Item(s)	-	I002
Temp. of sample	°C	25
pH value of sample	-	9.58 (Meet discharge license)
Conclusion	-	DATA

Note: °C = degree Celsius
Direct Discharge Limit: 6 – 9
Indirect Discharge Limit: 8.5 - 10.5

Color [m^{-1}] (436nm; 525nm; 620nm)

Test Method : Reference to ISO 7887-B

Tested Item(s)	Result	Unit	Conclusion
I002	17.9 ; 14.8 ; 13.4	m^{-1}	DATA

Note:
Direct Discharge Limit: Foundational 7;5;3 m^{-1}; Progressive 5;3;2 m^{-1}; Aspirational 2;1;1 m^{-1}
Indirect Discharge Limit: Not applicable

Biochemical Oxygen Demand (BOD_5)

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

Tested Item(s)	Result	Unit	Conclusion
I002	101.6 (Meet discharge license)	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 30 mg/L; Progressive 15 mg/L; Aspirational 5 mg/L
Indirect Discharge Limit: 350 mg/L

Ammonium Nitrogen

Test Method : Reference to APHA 4500 NH_3 B,F

Tested Item(s)	Result	Unit	Conclusion
I002	0.78	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 10 mg/L; Progressive 1 mg/L; Aspirational 0.5 mg/L
Indirect Discharge Limit: Not applicable

Total Phosphorus (Total-P)

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

Tested Item(s)	Result	Unit	Conclusion
I002	6.62 (Meet discharge license)	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 3 mg/L; Progressive 0.5 mg/L; Aspirational 0.1 mg/L
Indirect Discharge Limit: 7 mg/L

Adsorbable Organic Halogens (AOX)

Test Method : Reference to ISO 9562

Tested Item(s)	Result	Unit	Conclusion
I002	0.97	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 5 mg/L; Progressive 1 mg/L; Aspirational 0.1 mg/L
Indirect Discharge Limit: Not applicable

Oil and Grease

Test Method : Reference to ISO 9377-2

Tested Item(s)	Result	Unit	Conclusion
I002	<0.003 (Meet discharge license)	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 10 mg/L; Progressive 2 mg/L; Aspirational 0.5 mg/L
Indirect Discharge Limit: 60 mg/L

Phenol

Test Method : Reference to APHA 5530B, D

Tested Item(s)	Result	Unit	Conclusion
I002	<0.1	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 0.5 mg/L; Progressive 0.01 mg/L; Aspirational 0.001 mg/L
Indirect Discharge Limit: Not Applicable

Coliform

Test Method : Reference to ISO 9308-1

Tested Item(s)	Result	Unit	Conclusion
I002	6	bacteria/ 100 mL	DATA

Note: bacteria/100 mL = bacteria per 100 milliliters
Direct Discharge Limit: Foundational 400 / 100 ml; Progressive 100 / 100 ml; Aspirational 25 / 100 ml
Indirect Discharge Limit: Not applicable

Persistent Foam

Test Method : Visual

Tested Item(s)	Result	Unit	Conclusion
I002	No Foam	-	DATA

Note:
Direct Discharge Limit: -
Indirect Discharge Limit: Not applicable

ANIONS - Cyanide

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

Tested Item(s)	Result	Unit	Conclusion
I002	<0.01 (Meet discharge license)	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 0.2 mg/L; Progressive 0.1 mg/L; Aspirational 0.05 mg/L
Indirect Discharge Limit: 0.5 mg/L

ANIONS - Sulfide

Test Method : Reference APHA 4500 S^{2-}D

Tested Item(s)	Result	Unit	Conclusion
I002	0.034	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 0.5 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L
Indirect Discharge Limit: Not applicable

ANIONS - Sulfite

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

Tested Item(s)	Result	Unit	Conclusion
I002	0.27	mg/L	DATA

Note: mg/L = milligram per liter
Direct Discharge Limit: Foundational 2 mg/L; Progressive 0.5 mg/L; Aspirational 0.2 mg/L
Indirect Discharge Limit: Not applicable

1B) Conventional Parameters - METALS

Parameter	I001 (mg/L)	I002 (mg/L)
Antimony (Sb) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: Not applicable	0.0025	ND
Chromium (Cr), total Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: 1 mg/L	0.0145	0.0116 (Meet discharge license)
Cobalt (Co) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: Not applicable	ND	0.0014
Copper (Cu) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: 15 mg/L	0.2592	0.279 (Meet discharge license)
Nickel (Ni) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: Not applicable	ND	ND
Silver (Ag) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: Not applicable	ND	ND
Zinc (Zn) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: 3 mg/L	0.0667	0.0761 (Meet discharge license)

Parameter	I001 (mg/L)	I002 (mg/L)
Arsenic (As) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: Not applicable	0.0011	0.0012
Cadmium (Cd) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: 0.1 mg/L	ND	ND (Meet discharge license)
Chromium VI (CrVI) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: 0.5 mg/L	ND	ND (Meet discharge license)
Lead (Pb) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: 1 mg/L	ND	ND (Meet discharge license)
Mercury (Hg) Direct Discharge Limit: Foundational 0.1 mg/L; Progressive 0.05 mg/L; Aspirational 0.01 mg/L Indirect Discharge Limit: 0.1 mg/L	ND	ND (Meet discharge license)

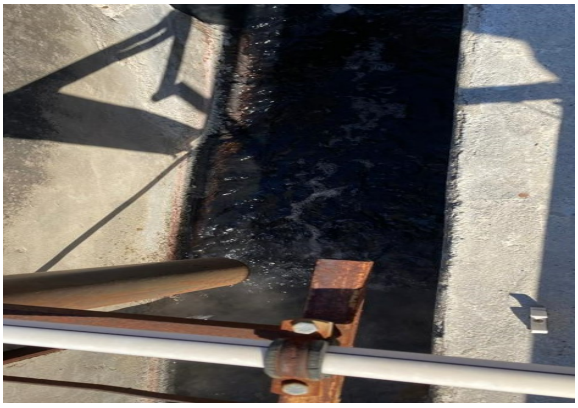
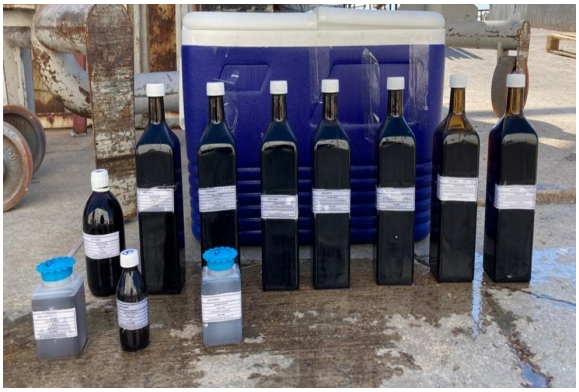
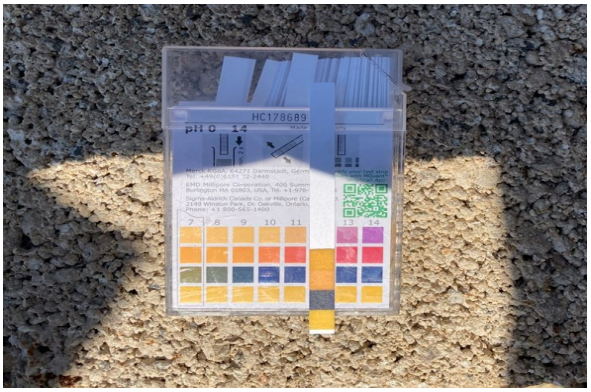
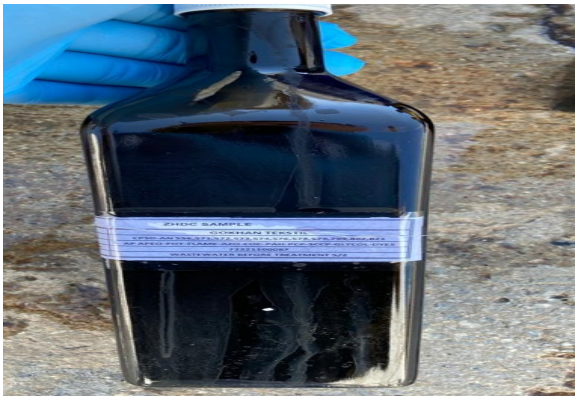
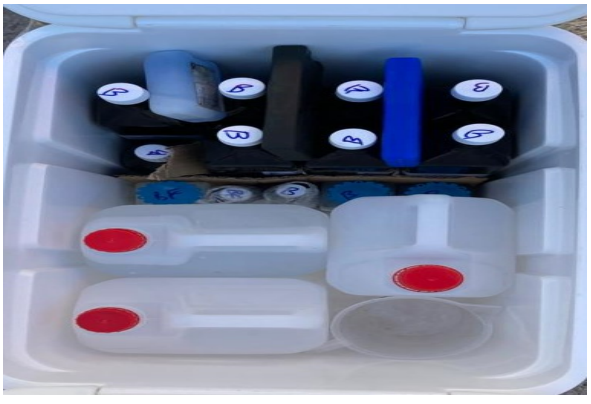
Others Priority Chemical Groups

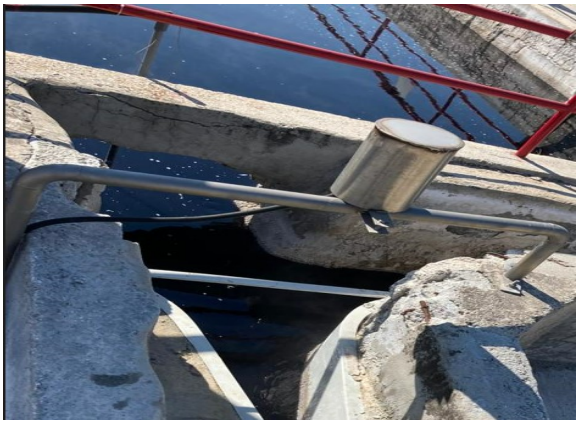
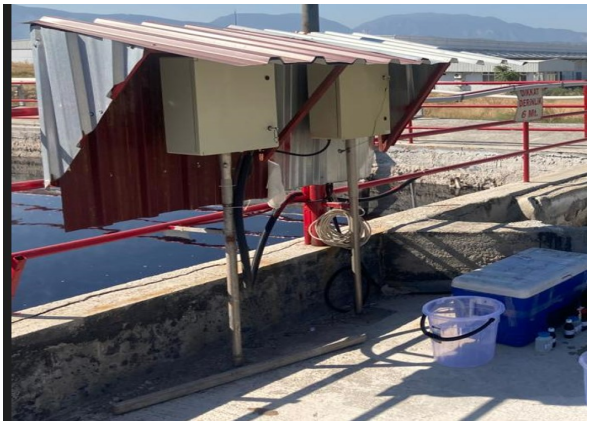
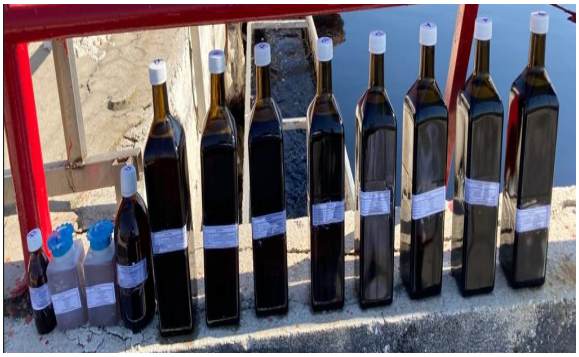
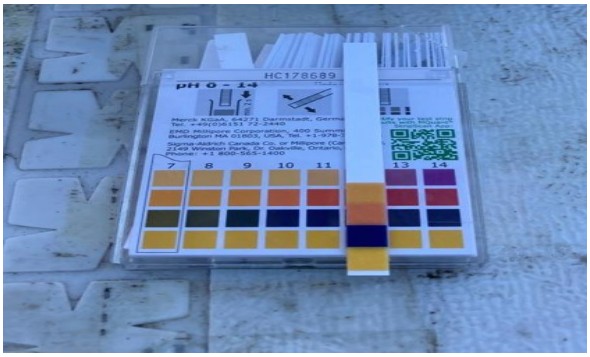
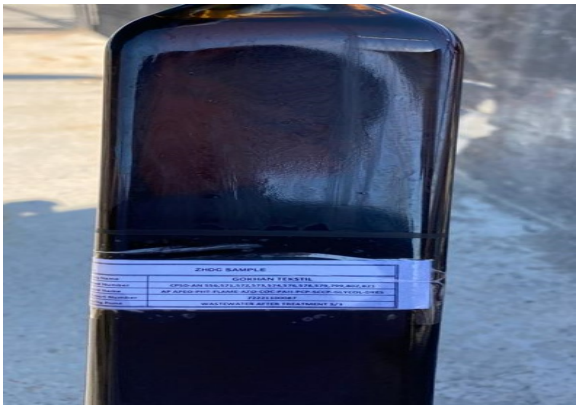
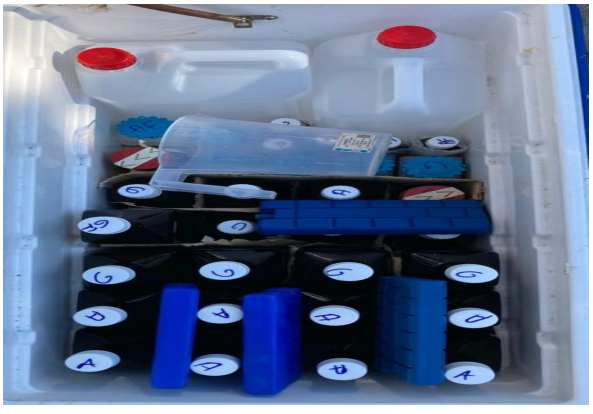
	I001 (µg/L)	**I002 (µg/L)**
2A) APs and APEOs	ND	ND
2B) Chlorobenzenes and Chlorotoluenes	ND	ND
2C) Chlorophenols	ND	ND
2D) Azo Dyes	ND	ND
2E) Carcinogenic Dyes	ND	ND
2F) Disperse Dyes	ND	ND
2G) Flame Retardants	ND	ND
2H) Glycols	ND	ND
2I) Halogenated Solvents	ND	ND
2J) Organotin Compounds	ND	ND
2K)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

Remark：

- Test method, reporting limit and list of chemical are summarized in Appendix B.
- ND = Not detected (Please refer to reporting limit shown in Appendix B).

APPENDIX A - Photo of the Sample/ Sampling Location

I001) Sampling Point N/S 37° 49′ 0.53″ E/W 29° 14′ 44.27″	I001) Sampling Point Surrounding Environment N/S 37° 49′ 0.53″ E/W 29° 14′ 44.27″
	
I001) All sampled bottles with label	I001) pH value
	
I001) Sample for Phthalate Testing	I001) Packaging
	

I002) Sampling Point N/S 37° 49′ 0.53″ E/W 29° 14′ 44.27″	I002) Sampling Point Surrounding Environment N/S 37° 49′ 0.53″ E/W 29° 14′ 44.27″
	
I002) All sampled bottles with label	I002) pH value
	
I002) Sample for Phthalate Testing	I002) Packaging
	

APPENDIX B

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
2A. Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers	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 extraction) or ASTM D7065 (GC/MS or LC/MS(-MS) OPEO/NPEO: ISO18857-2 or ASTM D7065(LC/MS; GC/MS or LC/MSMS for n=1,2) APEO 1-18
	Octylphenol OP, mixed isomers	Various (incl. 140-66-9, 1806-26-4, 27193-28-8)	5	0.4	
	Octylphenol ethoxylates (OPEO)	Various (incl. 9002-93-1, 9036-19-5, 68987-90-6)	5	0.4	
	Nonylphenol ethoxylates (NPEO)	Various (inc. 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0)	5	0.4	
2B. Chlorobenzenes and Chlorotoluenes	Monochlorobenzene	108-90-7	0.2	0.2	USEPA 8260B, 8270D. Dichloromethane extraction followed by GC/MS
	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	
	4-Chlorotoluene	106-43-4	0.2	0.2	
	2,3-Dichlorotoluene	32768-54-0	0.2	0.2	
	2,4-Dichlorotoluene	95-73-8	0.2	0.2	
	2,5-Dichlorotoluene	19398-61-9	0.2	0.2	
	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	
	2,3,6-Trichlorotoluene	2077-46-5	0.2	0.2	
	2,4,5-Trichlorotoluene	6639-30-1	0.2	0.2	
	2,4,6-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	
2C. Chlorophenols	2-Chlorophenol	95-57-8	0.5	0.05	USEPA 8270 D Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC/MS
	3-Chlorophenol	108-43-0	0.5	0.05	
	4-Chlorophenol	106-48-9	0.5	0.05	
	2,3-Dichlorophenol	576-24-9	0.5	0.05	
	2,4-Dichlorophenol	120-83-2	0.5	0.05	
	2,5-Dichlorophenol	583-78-8	0.5	0.05	
	2,6-Dichlorophenol	87-65-0	0.5	0.05	
	3,4-Dichlorophenol	95-77-2	0.5	0.05	
	3,5-Dichlorophenol	591-35-5	0.5	0.05	

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
	2,3,4-Trichlorophenol	15950-66-0	0.5	0.05	
	2,3,5-Trichlorophenol	933-78-8	0.5	0.05	
	2,3,6-Trichlorophenol	933-75-5	0.5	0.05	
	2,4,5-Trichlorophenol	95-95-4	0.5	0.05	
	2,4,6-Trichlorophenol	88-06-2	0.5	0.05	
	3,4,5-Trichlorophenol	609-19-8	0.5	0.05	
	2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	0.05	
	2,3,4,6-Tetrachlorophenol	58-90-2	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	
2D. Dyes - Azo (Forming Restricted Amines)	4,4`-Methylene-bis-(2-chloro-aniline)	101-14-4	0.1	0.2	EN 14362. Reduction step with Sodiumdithionite, solvent extraction, GC/MS or LC/MS
	4,4'-methylenedianiline	101-77-9	0.1	0.2	
	4,4`-Oxydianiline	101-80-4	0.1	0.2	
	4-Chloroaniline	106-47-8	0.1	0.2	
	3,3`-Dimethoxybenzidine	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	
	2,4,5-Trimethylaniline	137-17-7	0.1	0.2	
	4,4`-Thiodianiline	139-65-1	0.1	0.2	
	4-Aminoazobenzene	60-09-3	0.1	0.2	
	4-Methoxy-m-phenylenediamine	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	
	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	
	Benzidine	92-87-5	0.1	0.2	
	o-Toluidine	95-53-4	0.1	0.2	
	2,4-Xylidine	95-68-1	0.1	0.2	
	4-Chloro-o-toluidine	95-69-2	0.1	0.2	
	4-Methyl-m-phenylenediamine	95-80-7	0.1	0.2	
	o-Aminoazotoluene	97-56-3	0.1	0.2	
	5-nitro-o-toluidine	99-55-8	0.1	0.2	
2E. Dyes-Carcionogenic or Equivalent Concern	C.I. Direct Black 38	1937-37-7	500	10	Liquid Extraction LC/MS
	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. Basic Violet 14	632-99-5	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	
	C.I. Basic Green 4 (malachite green chloride)	569-64-2	500	10	
	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	

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
2F. Dyes-disperse (sensitizing)	Disperse Yellow 1	119-15-3	50	2	Liquid Extraction LC/MS
	Disperse Blue 102	12222-97-8	50	2	
	Disperse Blue 106	12223-01-7	50	2	
	Disperse Yellow 39	12236-29-2	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	
	Disperse Red 1	2872-52-8	50	2	
	Disperse Red 17	3179-89-3	50	2	
	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	
	Disperse Yellow 9	6373-73-5	50	2	
	Disperse Orange 3	730-40-5	50	2	
	Disperse Blue 35	56524-77-7	50	2	
2G. Flame Retardants	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	5	1	ISO 22032, USEPA527 and USEPA8321B. Dichloromethane extraction GC/MS or LC/MS(-MS)
	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	
	Tris(aziridinyl)-phosphineoxide (TEPA)	545-55-1	5	1	
	Polybromobiphenyls (PBBs)	59536-65-1	5	1	
	Tetrabromobisphenol A (TBBPA)	79-94-7	5	1	
	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 Liquid Extraction LC/MS
	2-ethoxyethanol	110-80-5	50	10	
	2-ethoxyethyl acetate	111-15-9	50	10	
	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	

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
2I. Halogenated Solvents	1,2-Dichloroethane	107-06-2	1	2	USEPA 8260B Headspace GC/MS or Purgeand-Trap-GC/MS
	Methylene Chloride	75-09-2	1	2	
	Trichloroethylene	79-01-6	1	2	
	Tetrachloroethylene	127-18-4	1	2	
2J. Organotin Compounds	Mono-, di- and tri-methyltin derivatives	Multiple	0.01	0.2	ISO 17353 Derivatisation with NaB(C2H5) GC/MS
	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	
	Dimethyltin	Multiple	0.01	0.2	
	Trimethyltin	Multiple	0.01	0.2	
	Monobutyltin	Multiple	0.01	0.2	
	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	
2K. Perfluorinated and Polyfluorinated Chemicals (PFCs)	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.01	0.10	DIN 38407-42 (modified) Ionic PFC: Concentration or direct injection, LC/MS(-MS); Non-ionic PFC (FTOH): derivatisation with acetic anhydride, followed by GC/MS
	Perfluoro-n-octanoic acid (PFOA)	335-67-1	0.01	0.10	
	Perfluorobutanesulfonic acid (PFBS)	29420-49-3, 29420-43-3	0.01	0.10	
	Perfluoro-n-hexanoic acid (PFHxA)	307-24-4	0.01	0.10	
	8:2 FTOH	678-39-7	1	1	
	6:2 FTOH	647-42-7	1	1	
2L. Phthalates (including all other esters of phthalic acid)	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	2	US EPA 8270D, ISO 18856 Dichloromethane extraction GC/MS
	Dimethoxyethyl phthalate (DMEP)	117-82-8	10	2	
	Di-n-octyl phthalate (DNOP)	117-84-0	10	2	
	Di-iso-decyl phthalate (DIDP)	26761-40-0	10	2	
	Di-iso-nonyl phthalate (DINP)	28553-12-0	10	2	
	Di-n-hexyl phthalate (DnHP)	84-75-3	10	2	
	Dibutyl phthalate (DBP)	84-74-2	10	2	
	Butyl benzyl phthalate (BBP)	85-68-7	10	2	
	Dinonyl phthalate (DNP)	84-76-4	10	2	
	Diethyl phthalate (DEP)	84-66-2	10	2	
	Di-n-propyl phthalate (DPRP)	131-16-8	10	2	
	Di-iso-butyl phthalate (DIBP)	84-69-5	10	2	
	Di-cyclohexyl phthalate (DCHP)	84-61-7	10	2	

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
	Di-iso-octyl phthalate (DIOP)	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-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	10	2	
2M. Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[a]pyrene (BaP)	50-32-8	1	0.2	DIN 38407-39 Solvent extraction GC/MS
	Anthracene	120-12-7	1	0.2	
	Pyrene	129-00-0	1	0.2	
	Benzo[ghi]perylene	191-24-2	1	0.2	
	Benzo[e]pyrene	192-97-2	1	0.2	
	Indeno[1,2,3-cd]pyrene	193-39-5	1	0.2	
	Benzo[j]fluoranthene	205-82-3	1	0.2	
	Benzo[b]fluoranthene	205-99-2	1	0.2	
	Fluoranthene	206-44-0	1	0.2	
	Benzo[k]fluoranthene	207-08-9	1	0.2	
	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	
	Fluorene	86-73-7	1	0.2	
	Naphthalene	91-20-3	1	0.2	
2N. Volatile Organic Compound (VOCs)	Benzene	71-43-2	1	2	ISO 11423-1 Headspace- or Purge-and-Trap-GC/MS
	Xylene	1330-20-7	1	2	
	o-cresol	95-48-7	1	2	
	p-cresol	106-44-5	1	2	
	m-cresol	108-39-4	1	2	
1A. Conventional Parameters	Temperature	—	N/A	N/A	Apply the standard methods that best apply to the region (ISO, EU, US, China), please refer to ZDHC Wastewater Guidelines for more details on the testing method and the levels (Foundational, Progressive, and Aspirational). Cyanide: With reference to APHA 4500 CN—B,C&E and followed by UV analysis
	TSS	—	N/A	N/A	
	COD	—	N/A	N/A	
	Total-N	—	N/A	N/A	
	pH	—	N/A	N/A	
	Color [m^{-1}] (436nm; 525nm; 620nm)	—	N/A	N/A	
	BOD5	—	N/A	N/A	
	Ammonium-N	—	N/A	N/A	
	Total-P	—	N/A	N/A	
	AoX	—	N/A	N/A	
	Oil and Grease	—	N/A	N/A	
	Phenol	—	N/A	N/A	
	Coliform(bacteria/100ml)	—	N/A	N/A	
	Persistent Foam	—	Not visible	Not visible	
	ANIONS				
	Cyanide(CN-)	Various (incl. 57-12-5)	0.02	1	
	Sulfide	—	N/A	N/A	
	Sulfite	—	N/A	N/A	
1B. Conventional Parameters -	Antimony(Sb)	7440-36-0	0.001	N/A	Various Acid Digestion with
	Chromium(Cr), total	7440-47-3	0.001	N/A	

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (ug/L)	Sludge (mg/kg)	
METALS	Cobalt(Co)	7440-48-4	0.001	N/A	ICP analysis Please refer to ZDHC Wastewater Guidelines for more details on the testing method and the levels (Foundational, Progressive, and Aspirational). Cr(VI): Various Solvent extraction and derivatisation followed by UV analysis
	Copper(Cu)	7440-50-8	0.001	N/A	
	Nickel (Ni)	7440-02-0	0.001	N/A	
	Silver (Ag)	7440-22-4	0.001	N/A	
	Zinc(Zn)	7440-66-6	0.001	N/A	
	Arsenic (As)	7440-38-2	0.001	2	
	Cadmium(Cd)	7440-43-9	0.0001	2	
	Chromium VI(CrVI)	18540-29-9	0.001	2	
	Lead(Pb)	7439-92-1	0.001	2	
	Mercury (Hg)	7439-97-6	0.00005	0.2	
3. Conventional Parameters	Dry mass (total solids)	–	N/A	N/A	US EPA 160.3 / 209A

Note / Key :

U. S. EPA = United States Environmental Protection Agency
APHA = American Public Health Association

APPENDIX C – Onsite Field Data Record Sheet

FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)	CPSD-AN-00613-DATA 04
	Issue Date:
	Version No.: 14
	Business Line: Analytical

General Data

Laboratory Sample Number:	72221100087
Client Name:	GÖKHAN TEKSTİL SAN VE TIC AS
Field Contact Person:	Elvin Mustu Phone No: +90 258 2691565
Project (Facility Name and Address):	Denizli OSB Fahri Karaca Cad. No:13 Honaz/DENİZLİ
Sampling Location / Description:	BEFORE TREATMENT
Sample Identification:	Zero discharge with sampling plan
Sample Type:	Composite Sample
Name of Sampler:	Ali Serkan YILDIRIM
Discharge mode:	Direct discharge to environment (Specify destination: River, Sea, Stream…) OR (Indirect) discharge to sewage treatment plant
Date of collection:	14.09.2022
Factory Type:	Dyeing / Printing / Washing / Finishing / Others (please specify):

*Note: It would be selected more than one

Field Data for Wastewater

Arrival Time:			Departure Time:					
Field Parameters	pH: —		Temp: — °C		Color: —		Flow rate: (volume/min)	
Control No. of field equipment								
Factory with effluent treatment plant:	Yes				No			
Sample matrix:		Incoming water (If required)						
	x	Wastewater before treatment						
		Wastewater after treatment – water at discharge point						
Sampler container number								
	1	2	3	4	5	6	7	8
Recording time – ID								
Recording time – Time	10:30	11:30	12:30	13:30	14:30	15:30		
pH:	8	8	8	7	9	8		
Temp (°C):	34.3	32.4	33.8	34.1	33.2	32.9		
Color (visual estimation):	grey	grey	grey	red	brown	navy blue		
Flow rate (volume/time)								
Volume collected, mL								
Total volume collected		Remark: Total volume collected must be greater than total of sample size required						

Analysis Required and Preservation Method

Tests (ZDHC MRSL Parameters)		Test required (√)	Total of sample size	Type of container	Preservation method
Combined test or Individual test (Remark 4)	1. Phthalate	√	1000 mL total or 1000 mL each	Amber Glass,washed with nitric acid,	Without adding acid Store sample at 2-8°C
	2. Chlorobenzenes, Chlorotoluene & PAH	√			
	3. SCCPs	√			
	4. APS	√			
5. APEOs		√	100 mL		
6. Chlorophenols & Cresols		√	100 mL		
7. Flame retardant		√	500 mL		
8. Dyes		√	10 mL		
9. Glycol		√	50 mL		
10. *Pesticides			1000 mL		
11. *Nitrosamine			10 mL		
12. Banned Azodyes		√	2000 mL		
13. *Free primary aromatic amines			500 mL		
14. Organotin Compounds		√	500 mL		
15. VOC & Halogenated Solvents (Remark 6)		√	10 mL		Fill to full container without air gap; acidify to pH 2 with HCl and store sample at 2-8°C
16. PFCs (Remark 6)		√	2 mL	PE, washed with pesticide grade Acetone	Without adding acid Store sample at 2-8°C

-before

FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)	CPSD-AN-00613-DATA 04
	Issue Date:
	Version No.: 14
	Business Line: Analytical

Tests (Conventional Parameters)		Test required (√)	Total of sample size	Type of container	Preservation method
Combined test or Individual test (Remark 4)	17. Total suspened solids (TSS)		2000 mL total or 2000 mL each	Amber Glass, washed with nitric acid,	Without adding acid Store sample at 2-8°C
	18. Total dissolved solids (TDS)				
19. 5-day Biochemical Oxygen Demand (BOD5)			1000 mL		
20. Colour			100 mL		
21. Heavy Metals except Cr(VI) & Total-P (Remark 6)		√	9 mL	PE, washed with nitric acid	Acidify to pH 2 with HNO_3 and store at 2-8°C
22. Cyanide			500 mL	Amber Glass, washed with pesticide grade acetone	Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% $Na_2S_2O_3$, and store sample at 2-8°C
23. Cr(VI)		√	95 mL	Amber Glass; washed with nitric acid	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 demand (COD)			150 mL		Acidify to pH 2 with H_2SO_4 Store sample at 2-8°C
25. Phenols			500 mL		
26. Oil and Grease & Total Hydrocarbon			1000 mL		
27. *Formaldehyde			25 mL		Fill to full container without air gap; acidify to pH 2 with H_2SO_4 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 (Remark 6)			125 mL	PE, clean, sterile, non-reactive	Add 0.05 ml of 10% $Na_2S_2O_3$ Store sample at 2-8°C
30. Faecal Coliform (Remark 6)			125 mL		
31. Persistent foam			N.A.	Foam higher than 45 cm (visual estimation): Yes / No	
32. Sulfite			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
33. Total-N			100 mL	Amber Glass;washed with nitric acid;	Acidify to pH 2 with H_2SO_4 Store sample at 2-8°C
34. Ammonium-N			500 mL		
35. Adsorbable organically bound halogens (AOX)			100 mL		
36. Acute aquatic toxicity: Luminus Bacteria; Fish Egg; Daphne; Alage;			1000 mL		Without adding acid Store sample at 2-8°C
37. Sulphate			100 mL		
38. Chloride			100 mL		
39. Others:					
Observation/ Remark:					

*Remarks:

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

Recorded by: Ali Serkan YILDIRIM Date: 14.09.2022
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

Signatory of Factory Representative: H. Ekrem Muştu Toros Date: 14.09.2022
Full Name:

GÖKHAN TEKSTİL SANAYİ VE TİCARET A.Ş.
Organize Sanayi Bölgesi Fahri Karaca Cad. No: 13
Sarayalar V.D.: 403 000 5828 Honaz / DENİZLİ

-before

FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)	CPSD-AN-00613-DATA 04
	Issue Date:
	Version No.: 14
	Business Line: Analytical

General Data

Laboratory Sample Number:	72221100087
Client Name:	GÖKHAN TEKSTİL SAN VE TIC AS
Field Contact Person:	Elvin Mustu Phone No: +90 258 2691565
Project (Facility Name and Address):	Denizli OSB Fahri Karaca Cad. No:13 Honaz/DENİZLİ
Sampling Location / Description:	AFTER TREATMENT
Sample Identification:	Zero discharge with sampling plan
Sample Type:	Composite Sample
Name of Sampler:	Ali Serkan YILDIRIM
Discharge mode:	Direct discharge to environment (Specify destination: River, Sea, Stream...) OR Indirect discharge to sewage treatment plant
Date of collection:	14.09.2022
Factory Type:	Dyeing / Printing / Washing / Finishing / Others (please specify):

*Note: It would be selected more than one

Field Data for Wastewater

Arrival Time:				Departure Time:					
Field Parameters		pH : —		Temp : — °C		Color : —		Flow rate :	(volume/min)
Control No. of field equipment									
Factory with effluent treatment plant:			Yes			No			
Sample matrix:			Incoming water (If required)						
			Wastewater before treatment						
		x	Wastewater after treatment – water at discharge point						
Sampler container number									
		1	2	3	4	5	6	7	8
Recording time	ID								
	Time	10:25	11:25	12:25	13:25	14:25	15:25		
pH :		10	10	10	10	9	9		
Temp (°C) :		34	34.9	35.2	34.7	35.6	36		
Color (visual estimation):		black	black	black	black	black	red		
Flow rate (volume/time)									
Volume collected, mL									
Total volume collected		Remark: Total volume collected must be greater than total of sample size required							

Analysis Required and Preservation Method

Tests (ZDHC MRSL Parameters)		Test required (√)	Total of sample size	Type of container	Preservation method
Combined test or Individual test (Remark 4)	1. Phthalate	√	1000 mL total or 1000 mL each	Amber Glass,washed with nitric acid,	Without adding acid Store sample at 2-8°C
	2. Chlorobenzenes, Chlorotoluene & PAH	√			
	3. SCCPs	√			
	4. APS	√			
5. APEOs		√	100 mL		
6. Chlorophenols & Cresols		√	100 mL		
7. Flame retardant		√	500 mL		
8. Dyes		√	10 mL		
9. Glycol		√	50 mL		
10. *Pesticides			1000 mL		
11. *Nitrosamine			10 mL		
12. Banned Azodyes		√	2000 mL		
13. *Free primary aromatic amines			500 mL		
14. Organotin Compounds		√	500 mL		
15. VOC & Halogenated Solvents (Remark 6)		√	10 mL		Fill to full container without air gap; acidify to pH 2 with HCl and store sample at 2-8°C
16. PFCs (Remark 6)		√	2 mL	PE, washed with pesticide grade Acetone	Without adding acid Store sample at 2-8°C

-after

FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)	CPSD-AN-00613-DATA 04
	Issue Date:
	Version No.: 14
	Business Line: Analytical

Tests (Conventional Parameters)		Test required (√)	Total of sample size	Type of container	Preservation method
Combined test or Individual test (Remark 4)	17. Total suspened solids (TSS)	√	2000 mL total or 2000 mL each	Amber Glass, washed with nitric acid,	Without adding acid Store sample at 2-8°C
	18. Total dissolved solids (TDS)				
19. 5-day Biochemical Oxygen Demand (BOD5)		√	1000 mL		
20. Colour		√	100 mL		
21. Heavy Metals except Cr(VI) & Total-P (Remark 6)		√	9 mL	PE, washed with nitric acid	Acidify to pH 2 with HNO_3 and store at 2-8°C
22. Cyanide		√	500 mL	Amber Glass, washed with pesticide grade acetone	Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% $Na_2S_2O_3$, and store sample at 2-8°C
23. Cr(VI)		√	95 mL	Amber Glass; washed with nitric acid	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 demand (COD)		√	150 mL		Acidify to pH 2 with H_2SO_4 Store sample at 2-8°C
25. Phenols		√	500 mL		
26. Oil and Grease & Total Hydrocarbon		√	1000 mL		
27. *Formaldehyde			25 mL		Fill to full container without air gap; acidify to pH 2 with H_2SO_4 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 (Remark 6)		√	125 mL	PE, clean, sterile, non-reactive	Add 0.05 ml of 10% $Na_2S_2O_3$ Store sample at 2-8°C
30. Faecal Coliform (Remark 6)			125 mL		
31. Persistent foam		√	N.A.	Foam higher than 45 cm (visual estimation): Yes / No	
32. Sulfite		√	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
33. Total-N		√	100 mL	Amber Glass;washed with nitric acid;	Acidify to pH 2 with H_2SO_4 Store sample at 2-8°C
34. Ammonium-N		√	500 mL		
35. Adsorbable organically bound halogens (AOX)		√	100 mL		
36. Acute aquatic toxicity: Luminus Bacteria; Fish Egg; Daphnie; Alage;			1000 mL		Without adding acid Store sample at 2-8°C
37. Sulphate			100 mL		
38. Chloride			100 mL		
39. Others:					
Observation/ Remark:					

*Remarks:

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-STP01, 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. Refer to CPSD-AN-00613-MTHD for preparation of field blank for specific parameters.

Recorded by: Ali Serkan YILMAZIM Date: 14.09.2022
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

Signatory of Factory Representative: H. Ekin Mustu Toros Date: 14.09.2022
Full Name:

GÖKHAN TEKSTİL SANAYİ VE TİCARET A
Organize Sanayi Bölgesi Fahri Kore
Saraylar V.D. : 403 000 5827

APPENDIX D – Limitation Value of Legal Requirements

DENİZLİ ORGANİZE SANAYİ BÖLGESİ MÜDÜRLÜĞÜ

K-Q TSE-ISO-EN 9000

DOSB MERKEZİ ATIKSU ARITMA TESİSİ GİRİŞ PARAMETRE DEĞERLERİ

SIRA NO	PARAMETRE	BİRİM	MİKTAR(*)
1	Kimyasal Oksijen İhtiyacı (KOI)	mg/L	1.500
2	Biyokimyasal Oksijen İhtiyacı (BOI_5)(**)	mg/L	350
3	Askıda Katı Madde (AKM)	mg/L	320
4	Yağ ve Gres	mg/L	60
5	Toplam Fosfor	mg/L	7
6	Toplam Krom	mg/L	1
7	Krom (Cr^{+6})	mg/L	0,5
8	Kurşun (Pb)	mg/L	1
9	Toplam Siyanür (CN^-)	mg/L	0,5
10	Kadmiyum (Cd)	mg/L	0,1
11	Demir (Fe)	mg/L	5
12	Florür (F^-)	mg/L	5
13	Bakır (Cu)	mg/L	15
14	Çinko (Zn)	mg/L	3
15	Civa (Hg)	mg/L	0,10
16	Sülfat (SO_4)	mg/L	2.000
17	Toplam Kjeldahl Azotu	mg/L	40
18	Balık Biyodeneyi (ZSF)	---	---
19	Sıcaklık	^0C	40
20	pH	---	8,5-10,5

(*): ± %20
(**): 21.12.2004 Tarih ve 25687 sayılı Resmi Gazete'de yayımlanan Su Kirliliği Kontrolü Yönetmeliği ile yürürlükten kaldırılmıştır.

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