

# TEST REPORT

FACTORY INFORMATION	
Name	: NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
Address	: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ
Telephone / Fax	: 0 282 676 41 81
VAT Office / Number	: -
Type of Wastewater Discharge	: Direct Discharge
Application Date	: 03.04.2024
Application Number	: T-80998-2024-01

SAMPLE INFORMATION	
Sample Type	: Wastewater
Sample Name	: Untreated Wastewater
No. of Samples	: 1
Sampling Date	: 15.04.2024
Sampling Location	: Untreated Wastewater (N:41° 12'40.83''- E:27° 51'14.10'')
Sampling Method	: 6 Hours Composite
Sample Arrival Type	: Sampling by our Laboratory (Seal: 23377)
Sample Received Date	: 15.04.2024
Sample ID	: AS-15042024-001
Test Performing Period	: 15.04.2024 - 29.04.2024
Report Date	: 29.04.2024
Report No	: R-80998-2024-001

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Factory Name: NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ			Sample ID			AS-15042024-001			
Factory Address: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ			Date of sampling			15.04.2024			
			Sampling Location			Untreated Wastewater			
			Sampling start time			08:45			
			Sampling end time			14:45			
			Date of sample received			15.04.2024			
			Sample Description			Untreated Wastewater			
ITEMS	CAS No.	Methods	Lab Reporting Limit	ZDHC Reporting Limit	Unit	Untreated Wastewater Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L
<b>ZDHC MRSL WASTEWATER PARAMETERS AND REPORTING LIMITS, TABLES 1A-1T</b>									
<b>IA. Alkylphenols (APs) and Alkylphenol Ethoxylates (APEOs); including all isomers</b>									
Nonylphenol ethoxylates (NPEO)	9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	ISO 18857-2	0,5	5	µg/L	n.d.	-	-	-
Nonylphenol (NP), mixed isomers	104-40-5, 11066-49-2, 25154-52-3, 84852-15-3,	ASTM D7065	0,5	5	µg/L	n.d.	-	-	-
Octylphenol ethoxylates (OPEO)	9002-93-1, 9036-19-5, 68987-90-6	ASTM D7065	0,5	5	µg/L	n.d.	-	-	-
Octylphenol (OP), mixed isomers	140-66-9, 1806-26-4, 27193-28-8	ISO 18254-1	0,5	5	µg/L	n.d.	-	-	-
<b>IB. Anti- Microbials &amp; Biocides</b>									
o-Phenylphenol (+salts)	90-43-7	USEPA 8270E + BS EN 12673-1999	1	100	µg/L	n.d.	-	-	-
Triclosan	3380-34-5	USEPA 8270E + BS EN 12673-1999	0,01	100	µg/L	n.d.	-	-	-
Permethrin	Multiple	USEPA 8270E	0,01	500	µg/L	n.d.	-	-	-
<b>IC. Chlorinated Paraffins</b>									
Medium-chain Chlorinated paraffins (MCCPs) (C14-C17)	85535-85-9	USEPA 8270E + BS EN 12673-1999	0,1	5	µg/L	n.d.	-	-	-
Short-chain Chlorinated paraffin (C10 - C13)	85535-84-8	USEPA 3510 + ISO 18219-2	0,1	5	µg/L	n.d.	-	-	-
<b>ID. Chlorobenzenes and Chlorotoluenes</b>									
Monochlorobenzene	108-90-7	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
1,2-Dichlorobenzene	95-50-1	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
1,3-Dichlorobenzene	541-73-1	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
1,4-Dichlorobenzene	106-46-7	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
1,2,3-Trichlorobenzene	87-61-6	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
1,2,4-Trichlorobenzene	120-82-1	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
1,3,5-Trichlorobenzene	108-70-3	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
1,2,3,4-Tetrachlorobenzene	634-66-2	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
1,2,3,5-Tetrachlorobenzene	634-90-2	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
1,2,4,5-Tetrachlorobenzene	95-94-3	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
Pentachlorobenzene	608-93-5	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
Hexachlorobenzene	118-74-1	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2-Chlorotoluene	95-49-8	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
3-Chlorotoluene	108-41-8	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
4-Chlorotoluene	106-43-4	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,3-Dichlorotoluene	32768-54-0	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,4-Dichlorotoluene	95-73-8	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,5-Dichlorotoluene	19398-61-9	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,6-Dichlorotoluene	118-69-4	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
3,4-Dichlorotoluene	95-75-0	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-

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Factory Address: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ			Date of sampling			15.04.2024			
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ITEMS	CAS No.	Methods	Lab Reporting Limit	ZDHC Reporting Limit	Unit	Untreated Wastewater Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L
3,5-Dichlorotoluene	25186-47-4	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,3,4-Trichlorotoluene	7359-72-0	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,3,6-Trichlorotoluene	2077-46-5	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,4,5-Trichlorotoluene	6639-30-1	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,4,6-Trichlorotoluene	23749-65-7	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
3,4,5-Trichlorotoluene	21472-86-6	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,3,4,5-Tetrachlorotoluene	76057-12-0	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,3,5,6-Tetrachlorotoluene	875-40-1	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
2,3,4,6-Tetrachlorotoluene	29733-70-8	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
Pentachlorotoluene	877-11-2	USEPA 8270E	0,02	0,2	µg/L	n.d.	-	-	-
<b>1E. Chlorophenols</b>									
2-Chlorophenol	95-57-8	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
3-Chlorophenol	108-43-0	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
4-Chlorophenol	106-48-9	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,3-Dichlorophenol	576-24-9	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,4-Dichlorophenol	120-83-2	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,5-Dichlorophenol	583-78-8	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,6-Dichlorophenol	87-65-0	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
3,4-Dichlorophenol	95-77-2	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
3,5-Dichlorophenol	591-35-5	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,3,4-Trichlorophenol	15950-66-0	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,3,5-Trichlorophenol	933-78-8	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,3,6-Trichlorophenol	933-75-5	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,4,5-Trichlorophenol	95-95-4	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,4,6-Trichlorophenol	88-06-2	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
3,4,5-Trichlorophenol	609-19-8	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,3,4,5-Tetrachlorophenol	4901-51-3	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,3,4,6-Tetrachlorophenol	58-90-2	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
2,3,5,6-Tetrachlorophenol	935-95-5	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
Pentachlorophenol	87-86-5	USEPA 3510C+ EPA 8041A	0,5	0,5	µg/L	n.d.	-	-	-
<b>1F. N,N-di-methylformamide(DMFa)</b>									
Dimethyl formamide; N,N-dimethylformamide (DMFa)	68-12-2	EPA 5030+EPA8260	10	1000	µg/L	n.d.	-	-	-
<b>1G. Dyes – Carcinogenic or Equivalent Concern</b>									

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ITEMS	CAS No.	Methods	Lab Reporting Limit	ZDHC Reporting Limit	Unit	Untreated Wastewater Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L
Basic violet 3 with >0.1% of Michler's Ketoneb	548-62-9	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Acid Red 26	3761-53-3	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Acid Violet 49	1694-09-3	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	2580-56-5	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Basic Green 4 (Malachite Green Chloride)	569-64-2	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Basic Green 4 (Malachite Green Oxalate)	2437-29-8	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Basic Green 4 (Malachite Green)	10309-95-2	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Basic Red 9	569-61-9	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Basic Violet 14	632-99-5	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Direct Black 38	1937-37-7	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Direct Blue 6	2602-46-2	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Direct Red 28	573-58-0	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Disperse Blue 1	2475-45-8	DIN 54231	20	500	µg/L	n.d.	-	-	-
C.I. Disperse Blue 3	2475-46-9	DIN 54231	20	500	µg/L	n.d.	-	-	-
Disperse Orange 11	82-28-0	DIN 54231	20	500	µg/L	n.d.	-	-	-
<b>IH. Dyes – Disperse (Allergenic)</b>									
Disperse Blue 102	12222-97-8	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Blue 106	12223-01-7	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Blue 124	61951-51-7	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Blue 26	3860-63-7	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Blue 35	12222-75-2, 56524-77-7	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Blue 7	3179-90-6	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Brown 1	23355-64-8	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Orange 1	2581-69-3	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Orange 3	730-40-5	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Orange 37/59/76	13301-61-6	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Red 1	2872-52-8	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Red 11	2872-48-2	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Red 17	3179-89-3	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Yellow 1	119-15-3	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Yellow 3	2832-40-8	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Yellow 39	12236-29-2	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Yellow 49	54824-37-2	DIN 54231	20	50	µg/L	n.d.	-	-	-
Disperse Yellow 9	6373-73-5	DIN 54231	20	50	µg/L	n.d.	-	-	-
<b>II. Dyes – Navy Blue Colourant</b>									
Component 1: C39H23Cl-CrN7O12S 2Na	118685-33-9	DIN 54231	20	500	µg/L	n.d.	-	-	-
Component 2: C46H-30CrN10O20S2 3Na	Not Allocated	DIN 54231	20	500	µg/L	n.d.	-	-	-

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ITEMS	CAS No.	Methods	Lab Reporting Limit	ZDHC Reporting Limit	Unit	Untreated Wastewater Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L
<b>IJ. Flame Retardants</b>									
2,2-bis(bromomethyl)- 1,3-propanediol (BBMP)	3296-90-0	USEPA 8270E	0,1	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Bis(2,3-dibromopropyl) phosphate (BIS)	5412-25-9	USEPA 8270E	0,1	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Decabromodiphenyl ether (DecaBDE)	1163-19-5	USEPA 8270E	0,03	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Hexabromocyclodecane (HBCDD)	3194-55-6	USEPA 8270E	0,03	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Octabromodiphenyl ether (OctaBDE)	32536-52-0	USEPA 8270E	0,03	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	USEPA 8270E	0,03	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Polybromobiphenyls (PBB)	59536-65-1	USEPA 8270E	0,03	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Tetrabromobisphenol A (TBBPA)	79-94-7	USEPA 8270E	0,1	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	USEPA 8270E	0,2	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Tris(1-aziridinyl) phosphine oxide (TEPA)	545-55-1	USEPA 8270E	0,1	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	USEPA 8270E	0,1	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	USEPA 8270E	0,1	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Tris(2,3-dibromopropyl)- phosphate (TRIS)	126-72-7	USEPA 8270E	0,1	Textile:25 Leather:5	µg/L	n.d.	-	-	-
Decabromobiphenyl (DecaBB)	13654-09-6	USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Dibromobiphenyls (DiBB)	Multiple	USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Octabromobiphenyls (OctaBB)		USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Dibromopropylether	21850-44-2	USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Monobromobiphenyls (MonoBB)	Multiple	USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Monobromodiphenylethers (MonoBDEs)		USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Nonabromobiphenyls (NonaBB)		USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Tribromodiphenylethers (TriBDEs)	Multiple	USEPA 8270E	0,03	25	µg/L	n.d.	-	-	-
Boric acid	10043-35-3 11113-50-1	USEPA 3050 + USEPA 6010D, ISO 11885	50	100	µg/L	1750	-	-	-
Diboron trioxide	1303-86-2								
Disodium octaborate	12008-41-2								
Disodium tetraborate anhydrous	1303-96-4 1330-43-4								
Tetraboron disodium heptaoxide, hydrate	12267-73-1								
<b>IK. Glycols / Glycol Ethers</b>									
2-ethoxyethanol	110-80-5	USEPA 8270E	0,1	50	µg/L	n.d.	-	-	-

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Factory Name: NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ			Sample ID			AS-15042024-001			
Factory Address: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ			Date of sampling			15.04.2024			
			Sampling Location			Untreated Wastewater			
			Sampling start time			08:45			
			Sampling end time			14:45			
			Date of sample received			15.04.2024			
			Sample Description			Untreated Wastewater			
ITEMS	CAS No.	Methods	Lab Reporting Limit	ZDHC Reporting Limit	Unit	Untreated Wastewater Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L
2-ethoxyethyl acetate	111-15-9	USEPA 8270E	0,2	50	µg/L	n.d.	-	-	-
2-methoxyethanol	109-86-4	USEPA 8270E	0,2	50	µg/L	n.d.	-	-	-
2-methoxyethylacetate	110-49-6	USEPA 8270E	0,1	50	µg/L	n.d.	-	-	-
2-methoxypropylacetate	70657-70-4	USEPA 8270E	0,2	50	µg/L	n.d.	-	-	-
Bis(2-methoxyethyl)-ether	111-96-6	USEPA 8270E	0,1	50	µg/L	n.d.	-	-	-
Ethylene glycol dimethyl ether	110-71-4	USEPA 8270E	0,2	50	µg/L	n.d.	-	-	-
Triethylene glycol dimethyl ether	112-49-2	USEPA 8270E	0,1	50	µg/L	n.d.	-	-	-
<b>1L. Halogenated Solvents</b>									
1,2-dichloroethane	107-06-2	USEPA 5030 C 2003 + USEPA 8260 D 2017	1	1	µg/L	n.d.	-	-	-
Methylene chloride	75-09-2	USEPA 8260D	1	1	µg/L	n.d.	-	-	-
Tetrachloroethylene	127-18-4	USEPA 8260D	1	1	µg/L	n.d.	-	-	-
Trichloroethylene	79-01-6	USEPA 8260D	1	1	µg/L	n.d.	-	-	-
<b>1M. Organotin Compounds</b>									
Dipropyltin compounds (DPT)	Multiple	ISO 17353	0,01	0,01	µg/L	n.d.	-	-	-
Mono-, di- and tri-butyltin derivatives		ISO 17353	0,01	0,01	µg/L	n.d.	-	-	-
Mono-, di- and tri-methyltin derivatives		ISO 17353	0,01	0,01	µg/L	n.d.	-	-	-
Mono-, di- and tri-octyltin derivatives		ISO 17353	0,01	0,01	µg/L	n.d.	-	-	-
Mono-, di- and tri-phenyltin derivatives		ISO 17353	0,01	0,01	µg/L	n.d.	-	-	-
Tetrabutyltin compounds (TeBT)		ISO 17353	0,01	0,01	µg/L	n.d.	-	-	-
Tripropyltin Compounds (TPT)		ISO 17353	0,01	0,01	µg/L	n.d.	-	-	-
Tetraoctyltin compounds (TeOT)		ISO 17353	0,01	0,01	µg/L	n.d.	-	-	-
Tricyclohexyltin (TCyHT)		ISO 17353	0,01	0,01	µg/L	n.d.	-	-	-
Tetraethyltin Compounds (TeET)		ISO 17353	0,01	0,01	µg/L	n.d.	-	-	-
<b>1N. Other/Miscellaneous Chemicals</b>									
AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	EPA 538	10	500	µg/L	n.d.	-	-	-
Bisphenol A	80-05-7	DIN EN ISO 18254-1	0,1	10	µg/L	n.d.	-	-	-
Thiourea	62-56-6	EPA 538	10	50	µg/L	n.d.	-	-	-
Quinoline	91-22-5	EPA 538	10	50	µg/L	n.d.	-	-	-
Borate, zinc salt	12767-90-7	USEPA 3050 + USEPA 6010D	10	100	µg/L	n.d.	-	-	-
<b>1O. Perfluorinated and Polyfluorinated Chemicals (PFCs)</b>									
Perfluorooctane sulfonate (PFOS) and related substances, Perfluorooctanoic acid (PFOA)	Multiple	DIN 38407-42(Modified)	0,0006	0,01	µg/L	n.d.	-	-	-
Perfluorooctanoic acid (PFOA) related substances		DIN 38407-42(Modified)	0,0006	1	µg/L	n.d.	-	-	-
<b>1P. Phthalates – including all other esters of ortho-phthalic acid</b>									
1,2-benzenedicarboxylic acid, di-C6-8 branched and linear alkyl esters, C7-rich (DIHP)	71888-89-6 84777-06-0	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNP)	68515-42-4 68515-50-4	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-

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Factory Name: NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ			Sample ID			AS-15042024-001			
Factory Address: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ			Date of sampling			15.04.2024			
			Sampling Location			Untreated Wastewater			
			Sampling start time			08:45			
			Sampling end time			14:45			
			Date of sample received			15.04.2024			
			Sample Description			Untreated Wastewater			
ITEMS	CAS No.	Methods	Lab Reporting Limit	ZDHC Reporting Limit	Unit	Untreated Wastewater Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Butyl benzyl phthalate (BBP)	85-68-7	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Di-cyclohexyl phthalate (DCHP)	84-61-7	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Di-iso-decyl phthalate (DIDP)	26761-40-0	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Di-iso-octyl phthalate (DIOP)	27554-26-3	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Di-isobutyl phthalate (DIBP)	84-69-5	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Di-isononyl phthalate (DINP)	28553-12-0	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Di-n-hexyl phthalate (DnHP)	84-75-3	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Di-n-octyl phthalate (DNOP)	117-84-0	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Di-n-pentylphthalates	131-18-0	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Di-n-propyl phthalate (DPRP)	131-16-8	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Di(ethylhexyl) phthalate (DEHP)	117-81-7	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Dibutyl phthalate (DBP)	84-74-2	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Diethyl phthalate (DEP)	84-66-2	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Diisopentylphthalates	605-50-5	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
Dinonyl phthalate (DNP)	84-76-4	USEPA 3510C 1996 + USEPA 8270E 2017	0,5	10	µg/L	n.d.	-	-	-
<b>IQ. Polycyclic Aromatic Hydrocarbons (PAHs)</b>									
Acenaphthene	83-32-9	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Acenaphthylene	208-96-8	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Anthracene	120-12-7	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Benzo[a]anthracene	56-55-3	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Benzo[a]pyrene (BaP)	50-32-8	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Benzo[b]fluoranthene	205-99-2	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Benzo[ε]pyrene	192-97-2	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Benzo[ghi]perylene	191-24-2	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Benzo[j]fluoranthene	205-82-3	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Benzo[k]fluoranthene	207-08-9	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Chrysene	218-01-9	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Dibenz[a,h]anthracene	53-70-3	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Fluoranthene	206-44-0	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Fluorene	86-73-7	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-

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Factory Name: NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ			Sample ID			AS-15042024-001			
Factory Address: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ			Date of sampling			15.04.2024			
			Sampling Location			Untreated Wastewater			
			Sampling start time			08:45			
			Sampling end time			14:45			
			Date of sample received			15.04.2024			
			Sample Description			Untreated Wastewater			
ITEMS	CAS No.	Methods	Lab Reporting Limit	ZDHC Reporting Limit	Unit	Untreated Wastewater Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L
Indeno[1,2,3-cd]pyrene	193-39-5	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Naphthalene	91-20-3	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Phenanthrene	85-01-8	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
Pyrene	129-00-0	USEPA 3510C 1996 + USEPA 8270E 2017	0,02	1	µg/L	n.d.	-	-	-
<b>1R. Restricted Aromatic Amines (Cleavable from Azo-colourants)</b>									
2-naphthylamine	91-59-8	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
2-Naphthylammoniumacetate	553-00-4	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
2,4-xylydine	95-68-1	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
2,4,5-trimethylaniline	137-17-7	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
2,4,5-trimethylaniline hydrochloride	21436-97-5	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
2,6-xylydine	87-62-7	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
3,3'-dichlorobenzidine	91-94-1	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
3,3-dimethoxybenzidine	119-90-4	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
3,3-dimethylbenzidine	119-93-7	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4-aminoazobenzene	60-09-3	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4-aminodiphenyl	92-67-1	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4-chloro-o-toluidine	95-69-2	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4-chloro-o-toluidinium chloride	3165-93-3	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4-chloroaniline	106-47-8	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4-methoxy-m-phenylenediamine	615-05-4	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4-methyl-m-phenylenediamine	95-80-7	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4,4-methylenebis-(2-chloro-aniline)	101-14-4	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4,4-methylenedi-o-toluidine	838-88-0	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4,4-methylenedianiline	101-77-9	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4,4-oxydianiline	101-80-4	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
4,4-thiodianiline	139-65-1	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
5-nitro-o-toluidine	99-55-8	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
6-methoxy-m-toluidine	120-71-8	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
Benzidine	92-87-5	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
o-aminoazotoluene	97-56-3	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
o-anisidine	90-04-0	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
o-toluidine	95-53-4	USEPA 8270E	0,1	0,1	µg/L	n.d.	-	-	-
<b>1S. UV Absorbers</b>									
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	USEPA 8270	1	100	µg/L	n.d.	-	-	-
2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphenol (UV-328)	25973-55-1	USEPA 8270	1	100	µg/L	n.d.	-	-	-
2-benzotriazol-2-yl-4,6-ditertbutylphenol (UV-320)	3846-71-7	USEPA 8270	1	100	µg/L	n.d.	-	-	-

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Factory Name: NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ			Sample ID			AS-15042024-001			
Factory Address: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ			Date of sampling			15.04.2024			
			Sampling Location			Untreated Wastewater			
			Sampling start time			08:45			
			Sampling end time			14:45			
			Date of sample received			15.04.2024			
			Sample Description			Untreated Wastewater			
ITEMS	CAS No.	Methods	Lab Reporting Limit	ZDHC Reporting Limit	Unit	Untreated Wastewater Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)	3864-99-1	USEPA 8270	1	100	µg/L	n.d.	-	-	-
<b>1T. Volatile Organic Compounds (VOC)</b>									
Benzene	71-43-2	USEPA 8260D	1	1	µg/L	n.d.	-	-	-
m-cresol	108-39-4	USEPA 3510C+ EPA 8041A	0,5	1	µg/L	n.d.	-	-	-
o-cresol	95-48-7	USEPA 3510C+ EPA 8041A	0,5	1	µg/L	n.d.	-	-	-
p-cresol	106-44-5	USEPA 3510C+ EPA 8041A	0,5	1	µg/L	n.d.	-	-	-
Xylene	1330-20-7	USEPA 8260D	1	1	µg/L	n.d.	-	-	-
Toluene	108-88-3	EPA 8260 D	1	1	µg/L	n.d.	-	-	-

Remarks: n.d. = Not Detected

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<p><b>PREPARED</b> Report Responsible</p>	<p><b>APPROVED</b> Laboratory Manager</p>	<p><b>SEAL</b></p> 
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# TEST REPORT

FACTORY INFORMATION	
Name	: NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
Address	: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ
Telephone / Fax	: 0 282 676 41 81
VAT Office / Number	: -
Type of Wastewater Discharge	: Direct Discharge
Application Date	: 03.04.2024
Application Number	: T-80998-2024-01

SAMPLE INFORMATION	
Sample Type	: Wastewater
Sample Name	: Discharge Wastewater
No. of Samples	: 1
Sampling Date	: 15.04.2024
Sampling Location	: Discharge Wastewater (N:41° 12'39.69''- E:27° 51'13.42'')
Sampling Method	: 6 Hours Composite
Sample Arrival Type	: Sampling by our Laboratory (Seal: 23378)
Sample Received Date	: 15.04.2024
Sample ID	: AS-15042024-002
Test Performing Period	: 15.04.2024 - 29.04.2024
Report Date	: 29.04.2024
Report No	: R-80998-2024-002

Factory Name: NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ		Sample ID	AS-15042024-002		ZDHC Limits			
Factory Address: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ		Date of sampling	15.04.2024					
		Sampling Location	Discharge Wastewater					
		Sampling start time	08:35					
		Sampling end time	14:35					
		Date of sample received	15.04.2024					
		Sample Description	Discharge Wastewater					
ITEMS	CAS No.	Methods	Lab Reporting Limit	Unit	Discharge Wastewater Results	Foundational Limit mg/L	Progressive Limit mg/L	Aspirational Limit mg/L
<b>ZDHC HEAVY METAL WASTEWATER PARAMETERS AND LIMITS, TABLE 2</b>								
Antimony	-	USEPA 3051A + USEPA 200.7	0,005	mg/L	n.d.	Textile and Leather: 0,1	Textile and Leather: 0,05	Textile and Leather: 0,01
Chromium (VI)	-	ISO 18412	0,001	mg/L	n.d.	Textile: 0,05 Leather: 0,15	Textile: 0,005 Leather: 0,05	Textile: 0,001 Leather: 0,02
Barium	-	USEPA 3051A + USEPA 200.7	0,01	mg/L	<b>0,103</b>	Textile: Sample and report only		
Selenium	-	USEPA 3051A + USEPA 200.7	0,005	mg/L	n.d.			
Tin	-	ISO 11885	0,05	mg/L	<b>0,187</b>			
Arsenic	-	USEPA 3051A + USEPA 200.7	0,005	mg/L	n.d.	Textile and Leather: 0,05	Textile and Leather: 0,01	Textile and Leather: 0,005
Chromium, total	-	USEPA 3051A + USEPA 200.7	0,01	mg/L	n.d.	Textile: 0,2 Leather: 1,5	Textile: 0,1 Leather: 0,8	Textile: 0,05 Leather: 0,3
Cobalt	-	USEPA 3051A + USEPA 200.7	0,01	mg/L	n.d.	Textile and Leather: 0,05	Textile and Leather: 0,02	Textile and Leather: 0,01
Cadmium	-	USEPA 3051A + USEPA 200.7	0,003	mg/L	n.d.	Textile and Leather: 0,1	Textile and Leather: 0,05	Textile and Leather: 0,01
Copper	-	USEPA 3051A + USEPA 200.7	0,01	mg/L	n.d.	Textile and Leather: 1	Textile and Leather: 0,5	Textile and Leather: 0,25
Lead	-	USEPA 3051A + USEPA 200.7	0,01	mg/L	n.d.	Textile and Leather: 0,1	Textile and Leather: 0,05	Textile and Leather: 0,01
Nickel	-	USEPA 3051A + USEPA 200.7	0,01	mg/L	n.d.	Textile and Leather: 0,2	Textile and Leather: 0,1	Textile and Leather: 0,05
Silver	-	USEPA 3051A + USEPA 200.7	0,005	mg/L	n.d.	Textile and Leather: 0,1	Textile and Leather: 0,05	Textile and Leather: 0,005
Zinc	-	USEPA 3051A + USEPA 200.7	0,01	mg/L	<b>0,089</b>	Textile and Leather: 5	Textile and Leather: 1	Textile and Leather: 0,5
Mercury	-	ISO 11885	0,001	mg/L	n.d.	Textile and Leather: 0,01	Textile and Leather: 0,005	Textile and Leather: 0,001
<b>ZDHC CONVENTIONAL AND ANION WASTEWATER PARAMETERS AND LIMITS, TABLE 3</b>								
pH	-	SM 4500-H	6-9	-	<b>8,38</b>	Textile and Leather: 6 - 9		
Temperature difference	-	SM 2550-B	-	°C	<b>8,10</b>	Δ+15	Δ+10	Δ+5
E.coli	-	ISO 9308-2	1,8	MPN/100-ml	n.d.	Textile and Leather: 126 MPN/100-ml		
Colour (436 nm)	-	ISO 7887-B	0,3	m <sup>-1</sup>	<b>0,78</b>	7	5	2
Colour (525 nm)	-	ISO 7887-B	0,3		<b>0,32</b>	5	3	1
Colour (620 nm)	-	ISO 7887-B	0,3		n.d.	3	2	1
Persistent Foam	-	Visual	-	-	Absent	Textile and Leather: No indication of Persistent foam in receiving water		
Ammonium-Nitrogen	-	SM 4500 NH3-F	0,01	mg/L	<b>3,40</b>	Textile: 10 Leather: 15	Textile: 1 Leather: 10	Textile: 0,5 Leather: 1
AOX	-	HACH LCK 390	0,1	mg/L	n.d.	Textile only: 3	Textile only: 0,5	Textile only: 0,1
Biochemical Oxygen Demand 5-days concentration (BOD5)	-	SM 5210-B	2	mg/L	<b>9,80</b>	Textile: 30 Leather: 50	Textile: 15 Leather: 30	Textile: 8 Leather: 20

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Factory Name: NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ		Sample ID	AS-15042024-002		ZDHC Limits			
Factory Address: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ		Date of sampling	15.04.2024					
		Sampling Location	Discharge Wastewater					
		Sampling start time	08:35					
		Sampling end time	14:35					
		Date of sample received	15.04.2024					
		Sample Description	Discharge Wastewater					
		ITEMS	CAS No.	Methods	Lab Reporting Limit	Unit	Discharge Wastewater Results	Foundational Limit mg/L
Chemical Oxygen Demand (COD)	-	SM 5220-D	5	mg/L	40	Textile: 150 Leather: 250	Textile: 80 Leather: 150	Textile: 40 Leather: 100
Dissolved Oxygen (DO)	-	SM 4500-O-G	-	mg/L	8,50	Textile and Leather: Sample and report only		
Oil & Grease	-	ISO 9377-2	0,1	mg/L	0,497	Textile: 10 Leather: 20	Textile: 2 Leather: 10	Textile: 0,5 Leather: 5
Total Phenols / Phenol Index	-	SM 5530-B	0,001	mg/L	n.d.	Textile and Leather: 0,5	Textile: 0,01 Leather: 0,3	Textile: 0,001 Leather: 0,1
Total Chlorine	-	SM 4500-Cl G	0,03	mg/L	n.d.	Textile and Leather: Sample and report only		
Total Dissolved Solids (TDS)	-	SM 2540-C	10	mg/L	360	Textile and Leather: Sample and report only		
Total Nitrogen	-	ISO 20236	0,25	mg/L	3,803	Textile: 20 Leather: 35	Textile: 10 Leather: 20	Textile: 5 Leather: 10
Total Phosphorus	-	USEPA 200.7	0,05	mg/L	n.d.	Textile and Leather: 3	Textile: 0,5 Leather: 1	Textile: 0,1 Leather: 0,5
Total Suspended Solids (TSS)	-	SM 2540D	5	mg/L	n.d.	Textile: 50 Leather: 70	Textile: 15 Leather: 50	Textile: 5 Leather: 20
Chloride	-	ISO 10304-1	0,1	mg/L	97,90	Textile and Leather: Sample and report only		
Cyanide, total	-	APHA 4500-CN	0,02	mg/L	n.d.	Textile only: 0,2	Textile only: 0,1	Textile only: 0,05
Sulfate	-	ISO 10304-1	0,1	mg/L	22,452	Textile and Leather: Sample and report only		
Sulfide	-	SM 4500-S2-D	0,01	mg/L	n.d.	Textile: 0,5 Leather: 1	Textile: 0,05 Leather: 0,5	Textile: 0,01 Leather: 0,2
Sulfite	-	SM 4500-SO32-C	0,1	mg/L	0,108	Textile only: 2	Textile only: 0,5	Textile only: 0,2

Remarks:

n.d. = Not Detected,

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# TEST REPORT

FACTORY INFORMATION	
<b>Name</b>	: NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
<b>Address</b>	: Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ
<b>Telephone / Fax</b>	: 0 282 676 41 81
<b>VAT Office / Number</b>	: -
<b>Type of Wastewater Discharge</b>	: Direct Discharge
<b>Application Date</b>	: 03.04.2024
<b>Application Number</b>	: T-80998-2024-01

SAMPLE INFORMATION	
<b>Sample Type</b>	: Waste Sludge Collection Area
<b>Sample Name</b>	: Sludge
<b>No. of Samples</b>	: 1
<b>Sampling Date</b>	: 15.04.2024
<b>Sampling Location</b>	: Sludge (N:41° 12'38.81'' - E:27° 51'13.03'')
<b>Sampling Method</b>	: Grab
<b>Sample Arrival Type</b>	: Sampling by our Laboratory (Seal: 23379)
<b>Sample Volume</b>	: 1 kg plastic cap
<b>Sample Received Date</b>	: 15.04.2024
<b>Sample ID</b>	: ATC-15042024-001
<b>Test Performing Period</b>	: 15.04.2024 - 29.04.2024
<b>Report Date</b>	: 29.04.2024
<b>Report No</b>	: R-80998-2024-003

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<b>Factory Name:</b> NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ				<b>Sample ID</b>		ATC-15042024-001	
<b>Factory Address:</b> Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ				<b>Date of sampling</b>		15.04.2024	
				<b>Sampling Location</b>		Sludge	
				<b>Sampling start time</b>		09:00	
				<b>Sampling end time</b>		-	
				<b>Date of sample received</b>		15.04.2024	
				<b>Sample Description</b>		Sludge	
<b>ITEMS</b>	<b>CAS No.</b>	<b>Methods</b>	<b>Lab Reporting Limit</b>	<b>ZDHC Reporting Limit</b>	<b>Unit</b>	<b>Sludge Results</b>	<b>Total Metals and Anions Threshold Values (mg/kg)</b>
<b>ZDHC SLUDGE PARAMETERS AND LIMITS, TABLE 4A</b>							
<b>METALS</b>							
Antimony	-	USEPA 3050 + USEPA 6010D	0,25	5	mg/kg	n.d.	12
Arsenic	-	USEPA 3050 + USEPA 6010D	0,5	Textile: 5 Leather: 2	mg/kg	n.d.	10
Barium	-	USEPA 3050 + USEPA 6010D	0,5	200	mg/kg	<b>19,45</b>	700
Cadmium	-	USEPA 3050 + USEPA 6010D	0,15	Textile: 1 Leather: 2	mg/kg	<b>0,3</b>	3
Cobalt	-	USEPA 3050 + USEPA 6010D	0,5	400	mg/kg	<b>1,6</b>	1600
Copper	-	USEPA 3050 + USEPA 6010D	0,5	50	mg/kg	<b>56,5</b>	200
Lead	-	USEPA 3050 + USEPA 6010D	0,05	Textile: 5 Leather: 2	mg/kg	<b>5,05</b>	10
Nickel	-	USEPA 3050 + USEPA 6010D	0,5	20	mg/kg	<b>10,5</b>	70
Selenium	-	USEPA 3050 + USEPA 6010D	0,25	5	mg/kg	n.d.	10
Silver	-	USEPA 3050 + USEPA 6010D	0,5	50	mg/kg	n.d.	100
Total Chromium	-	USEPA 3050 + USEPA 6010D	0,5	50	mg/kg	<b>6,3</b>	100
Zinc	-	USEPA 3050 + USEPA 6010D	0,5	400	mg/kg	<b>68,9</b>	1000
Chromium (VI)	-	USEPA 3060A + USEPA 7196	1	Textile: 20 Leather: 2	mg/kg	n.d.	50
Mercury	-	USEPA 3051A + USEPA 6020B	0,05	Textile: 1 Leather: 0,2	mg/kg	n.d.	1
<b>ANIONS*</b>							
Cyanide	-	USEPA 9013 + USEPA 9014	0,1	20	mg/kg	<b>0,44</b>	-
<b>CONVENTIONAL</b>							
pH	-	TS EN 15933	-	-	-	<b>7,54</b>	-
% Solids	-	USEPA 160.3	-	-	%	<b>68,634</b>	-
Paint Filter	-	USEPA 9095B	-	-	-	Pass	-
Fecal Coliform	-	USEPA 1680	1,8	-	MPN/ml	n.d.	-
<b>MRSL</b>							
Nonylphenol (NP), mixed isomers	104-40-5	USEPA 3540 + ASTM D7065	0,4	0,4	mg/kg	n.d.	-
Nonylphenol ethoxylates (NPEO)	127087-87-0	USEPA 3540 + ISO 18254-1 + ISO 18857-2	0,4	0,4	mg/kg	n.d.	-
Octylphenol (OP), mixed isomers	140-66-9	USEPA 3540 + ASTM D7065	0,4	0,4	mg/kg	n.d.	-
Octylphenol ethoxylates (OPEO)	68987-90-6	USEPA 3540 + ISO 18254-1 + ISO 18857-2	0,4	0,4	mg/kg	n.d.	-
Acenaphthene	83-32-9	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Acenaphthylene	208-96-8	USEPA 3540 + USEPA 3650 +	0,02	0,2	mg/kg	n.d.	-

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<b>Factory Name:</b> NS ÖRME TEKSTİL KUMAŞ BOYA BASKI İŞLETMELERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ			<b>Sample ID</b>			ATC-15042024-001	
			<b>Date of sampling</b>			15.04.2024	
<b>Factory Address:</b> Velimeşe OSB Mahallesi, 213 Sokak, No: 3-5/1 Ergene / TEKİRDAĞ			<b>Sampling Location</b>			Sludge	
			<b>Sampling start time</b>			09:00	
			<b>Sampling end time</b>			-	
			<b>Date of sample received</b>			15.04.2024	
			<b>Sample Description</b>			Sludge	
ITEMS	CAS No.	Methods	Lab Reporting Limit	ZDHC Reporting Limit	Unit	Sludge Results	Total Metals and Anions Threshold Values (mg/kg)
		USEPA 8270					
Anthracene	0120-12-7	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Benzo[a]anthracene	56-55-3	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Benzo[a]pyrene	50-32-8	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Benzo[b]fluoranthene	205-99-2	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Benzo[e]pyrene	192-97-2	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Benzo[ghi]perylene	191-24-2	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Benzo[j]fluoranthene	205-82-3	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Benzo[k]fluoranthene	0207-08-09	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Chrysene	0218-01-09	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Dibenz[a,h]anthracene	53-70-3	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Fluoranthene	206-44-0	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Fluorene	86-73-7	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Indeno[1,2,3-cd]pyrene	193-39-5	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Naphthalene	91-20-3	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Phenanthrene	85-01-8	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Pyrene	129-00-0	USEPA 3540 + USEPA 3650 + USEPA 8270	0,02	0,2	mg/kg	n.d.	-
Other isomers of mono-, di-, tri-, tetra-, penta- and hexa- Chlorobenzene and mono-, di-, tri-, tetra- and penta-chlorotoluene	Multiple (Other isomers)	USEPA 8270E	0,2	0,2	mg/kg	n.d.	-

**Remarks:**


n.d. = Not Detected,

**\*Table 4D:** Corresponding Anions Limits for Specific Sludge Disposal Pathways for Textile and Leather.

Parameters	A Offsite Incineration at >1000°C	C Building Products Processed at >1000°C	D Landfill with Limited Control Measures	E Offsite Incineration and Building Products Processed at <1000°C	F Landfill with No Control Measures	G Land Application
	Test Results					
Cyanide	Report only if required to test	100	85	70	70	70

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