LAB REPORT

Report Number	(6624)286-0061		
Date of sampling	October 12, 2024		
Reporting Date	October 23, 2024		
Factory Company Name	Jiangsu Lugang Science & Technology Co.,Ltd		
Factory Address	Luyuan, Tangqiao Town, Zhangjiagang City, Jiangsu Province, China		
Discharge Type	Indirect Discharge with Pretreatment		
Discharge Destination Name & Address	Zhang Gaoxin (Zhangjiagang) Environmental Technology Co., Ltd		
Average total industrial wastewater generated	Equal or more than $15m^3$ per day	**Manufacturing Process Type**	Textile
Onsite ETP / Pretreatment	Yes	**Homogenization Tank & Holding Time**	Yes (effluent), >12 hours
ZDHC Sampler ID	C74D106818215		
Sample Type & Description & Sampling Method	Untreated wastewater	I001,light yellow solid, composite sample at 8:55, 9:55, 10:55, 11:55, 12:55, 13:55, 14:55	
	Effluent	I002, black blue liquid, grab sample at 9:16	
	Sludge	I003, black brown solid, composite sample at 10:04	
	Incoming	I004, colorless liquid, grab sample at 10:50	

Local Legal Data / Contractual agree by CETP Data	
Local Legal Standard Name / Name of Contractual agree by CETP[a]	Industrial Wastewater Treatment Agreement
Standard Number	Not applicable
Parameters (ZDHC WWG V2.1, Table 2 & 3) exceeded local legal standard / contractual agree by CETP standard	No exceeded
Discharge permit provided	Yes

Result Overview			
Wastewater Overall Result (ZDHC WWG V2.1, Table 1)	Not detected		
Wastewater Overall Result (ZDHC WWG V2.1, Table 2 & 3)	Not applicable		
Sludge Disposal Pathway	A	**Sludge Overall Result**	Meet Sludge Disposal Pathway (sample & report)

Bureau Veritas Consumer Products Services, Inc. (Shanghai)
No. 168, GuangHua Road, Zhuanqiao Town,
Minhang, Shanghai, China. Post Code:201108
Tel: 86-21-24081888; Fax: 86-21-64890042

Internal Description			
Sample reference number	(6624)286-0061		
Date & time of the beginning of sampling	October 12, 2024	,	8:40
Date & time of the end of sampling	October 12, 2024	,	15:05
Sample received date	October 12, 2024		
Testing period	October 12, 2024	to	October 23, 2024
Arrival temperature at laboratory	6.89 °C		
Comments	Samples received within holding time and temperature.		

The results of this report shall not be used for any regulatory compliance purposes. The sampling is agreed with client.
If there are questions or concerns on this report, please contact the following persons:

General enquiry and invoicing Mr. Henry Chen
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Technical enquiry Mr. Steven Han
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Report reviewed by

Amy Feng

Report approved by

Aten Wu, Technical Support

Wastewater Result Summary - ZDHC MRSL Parameters

ZDHC MRSL Wastewater	Untreated I001	Incoming I004	
1A) AP and APEOs: including all isomers	ND	NA	
1B) Anti-Microbials & Biocides	ND	NA	
1C) Chlorinated Parafins	ND	NA	
1D) Chlorobenzenes and Chlorotoluenes	ND	NA	
1E) Chlorophenols	ND	NA	
1F) DMFa	ND	NA	
1G) Dyes - Carcinogenic or Equivalent Concern	ND	NA	
1H) Dyes - Disperse (Sensitising)	ND	NA	
1I) Dyes - Navy Blue Colourant	ND	NA	
1J) Flame Retardants	ND	NA	
1K) Glycols / Glycol Ethers	ND	NA	
1L) Halogenated Solvents	ND	NA	
1M) Organotin Compounds	ND	NA	
1N) Other / Miscellaneous Chemicals	ND	NA	
1O) PFCs	ND	NA	
1P) Phthalates	ND	NA	
1Q) PAHs	ND	NA	
1R) Restricted Aromatic Amines	ND	NA	
1S) UV Absorbers	ND	NA	
1T) VOC	ND	NA	

Wastewater Result Summary - ZDHC Heavy Metals Parameters

ZDHC Heavy Metals Wastewater	Effluent I002	Incoming I004	
Antimony	NA	NA	
Chromium (VI)	DATA	NA	
Barium	NA	NA	
Selenium	NA	NA	
Tin	NA	NA	
Arsenic	DATA	NA	
Total Chromium	NA	NA	
Cobalt	NA	NA	
Cadmium	DATA	NA	
Copper	NA	NA	
Lead	DATA	DATA	
Nickel	NA	NA	
Silver	NA	NA	
Zinc	NA	NA	
Mercury	DATA	NA	

Wastewater Result Summary - ZDHC Conventional and Anions Parameters

ZDHC Conventional and Anions Wastewater	Effluent I002		
pH[f]	NA		
Temperature difference[f]	NA		
E.coli	NA		
Colour	NA		
Persistent foam[f]	NA		
Wastewater flowrate[f]	NA		
Ammonium-Nitrogen	NA		
AOX	NA		
Biochemical Oxygen Demand (BOD_5)	NA		
Chemical Oxygen Demand (COD)	NA		
Dissolved Oxygen (DO)[f]	NA		
Oil & Grease	NA		
Total Phenols / Phenol Index	NA		
Total Chlorine[f]	NA		
Total Dissolved Solids (TDS)	NA		
Total Nitrogen	NA		
Total Phosphorus	NA		
Total Suspended Solids (TSS)	NA		
Chloride	NA		
Cyanide, total	NA		
Sulfate	NA		
Sulfide	NA		
Sulfite	NA		

Sludge Result Summary - ZDHC Sludge Parameters

Sludge Parameters	Sludge I003		
Antimony	DATA		
Arsenic	DATA		
Barium	DATA		
Cadmium	DATA		
Cobalt	DATA		
Copper	DATA		
Lead	DATA		
Nickel	DATA		
Selenium	DATA		
Silver	DATA		
Total Chromium	DATA		
Zinc	DATA		
Chromium (VI)	DATA		
Mercury	DATA		
pH	DATA		
% Solids	DATA		
Paint Filter Test	DATA		
Fecal Coliform	DATA (S)		
AP and APEOs: including all isomers	DATA		
Polycyclic Aromatic Hydrocarbons (PAHs)	DATA		
Chlorotoluenes	DATA		
Cyanide	DATA		

Sludge flux and/or sludge flow data: NA

Note / Key:

ND	=	Not detected (less than reporting limit)	NA	=	Not applicable
D	=	Detected	-	=	Did not perform
MEET	=	Meet ZDHC Wastewater Guidelines Requirements	[f]	=	Parameter tested in field
NOT MEET	=	Not Meet ZDHC Wastewater Guidelines Requirements			
DATA	=	Report only, refer data			
(T)	=	Handling temperature exceeded			
@	=	Maximum holding time exceeded			
[a]	=	The local legal standard name and number are referenced to discharge permit (or contractual agree by CETP) that provided by company			
(S)	=	Analysis was subcontracted for testing - Bureau Veritas Science and Technology Service (Xi'an) Co., Ltd			
*	=	See remark			

Wastewater Test Result - ZDHC MRSL

1A) AP and APEOs: including all isomers

NP/OP: ASTM D7065 LC-MS; OPEO/NPEO (n>2): ASTM D7742

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
NPEO	9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	5	ND	NA		µg/L
NP, mixed isomers	104-40-5, 11066-49-2, 25154-52-3, 84852-15-3	5	ND	NA		µg/L
OPEO	9002-93-1, 9036-19-5, 68987-90-6	5	ND	NA		µg/L
OP, mixed isomers	140-66-9, 1806-26-4, 27193-28-8	5	ND	NA		µg/L

1B) Anti-Microbials & Biocides

USEPA 8270E Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC-MS; USEPA 8270E Solvent extraction followed by GC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
o-Phenylphenol (+salts)	90-43-7	100	ND	NA		µg/L
Triclosan	3380-34-5	100	ND	NA		µg/L
Permethrin	Multiple	500	ND	NA		µg/L

1C) Chlorinated Parafins

EPA 3510 and analyzed by ISO18219-2:2021 with GC-MS(NCI); ISO 12010:2019 with GC-MS(NCI)

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
MCCPs (C14-C17)	85535-85-9	500	ND	NA		µg/L
SCCPs (C10-C13)	85535-84-8	25	ND	NA		µg/L

1D) Chlorobenzenes and Chlorotoluenes

USEPA 8270E Dichloromethane extraction followed by GC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
1,2-dichlorobenzene	95-50-1	0.2	ND	NA		µg/L
Other isomers of mono-, di-, tri-, tetra-, penta-, and hexa-chlorobenzene and mono-, di-, tri-, tetra-, and penta- chlorotoluene	Multiple	0.2	ND	NA		µg/L

1E) Chlorophenols

USEPA 8270E Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
2-chlorophenol	95-57-8	0.5	ND	NA		µg/L
3-chlorophenol	108-43-0	0.5	ND	NA		µg/L
4-chlorophenol	106-48-9	0.5	ND	NA		µg/L
2,3-dichlorophenol	576-24-9	0.5	ND	NA		µg/L
2,4-dichlorophenol	120-83-2	0.5	ND	NA		µg/L
2,5-dichlorophenol	583-78-8	0.5	ND	NA		µg/L
2,6-dichlorophenol	87-65-0	0.5	ND	NA		µg/L
3,4-dichlorophenol	95-77-2	0.5	ND	NA		µg/L
3,5-dichlorophenol	591-35-5	0.5	ND	NA		µg/L
2,3,4-trichlorophenol	15950-66-0	0.5	ND	NA		µg/L
2,3,5-trichlorophenol	933-78-8	0.5	ND	NA		µg/L
2,3,6-trichlorophenol	933-75-5	0.5	ND	NA		µg/L
2,4,5-trichlorophenol	95-95-4	0.5	ND	NA		µg/L
2,4,6-trichlorophenol	88-06-2	0.5	ND	NA		µg/L
3,4,5-trichlorophenol	609-19-8	0.5	ND	NA		µg/L
2,3,5,6-tetrachlorophenol	935-95-5	0.5	ND	NA		µg/L
2,3,4,6-tetrachlorophenol	58-90-2	0.5	ND	NA		µg/L
2,3,4,5-tetrachlorophenol	4901-51-3	0.5	ND	NA		µg/L
Pentachlorophenol (PCP)	87-86-5	0.5	ND	NA		µg/L

1F) N,N-di-methylformamide (DMFa)

EPA 8270E

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
Dimethyl formamide; N,N-dimethylformamide (DMFa)[a]	68-12-2	1000	ND	NA		µg/L

1G) Dyes - Carcinogenic or Equivalent Concern

Liquid extraction, LC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
Basic violet 3 with >0.1% of Michler's Ketone	548-62-9	500	ND	NA		µg/L
C.I. Acid Red 26	3761-53-3	500	ND	NA		µg/L
C.I. Acid Violet 49	1694-09-3	500	ND	NA		µg/L
C.I. Basic Blue 26 (with Michler's Ketone >0/1%)	2580-56-5	500	ND	NA		µg/L
C.I. Basic Green 4 (Malachite Green Chloride)	569-64-2	500	ND	NA		µg/L

1G) Dyes - Carcinogenic or Equivalent Concern (continued)

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
C.I. Basic Green 4 (Malachite Green Oxalate)	2437-29-8	500	ND	NA		µg/L
C.I. Basic Green 4 (Malachite Green)	10309-95-2	500	ND	NA		µg/L
C.I. Basic Red 9	569-61-9	500	ND	NA		µg/L
C.I. Basic Violet 14	632-99-5	500	ND	NA		µg/L
C.I. Direct Black 38	1937-37-7	500	ND	NA		µg/L
C.I. Direct Blue 6	2602-46-2	500	ND	NA		µg/L
C.I. Direct Red 28	573-58-0	500	ND	NA		µg/L
C.I. Disperse Blue 1	2475-45-8	500	ND	NA		µg/L
C.I. Disperse Blue 3	2475-46-9	500	ND	NA		µg/L
Disperse Orange 11	82-28-0	500	ND	NA		µg/L

1H) Dyes - Disperse (Sensitising)

Liquid extraction, LC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
Disperse Blue 102	12222-97-8	50	ND	NA		µg/L
Disperse Blue 106	12223-01-7	50	ND	NA		µg/L
Disperse Blue 124	61951-51-7	50	ND	NA		µg/L
Disperse Blue 26	3860-63-7	50	ND	NA		µg/L
Disperse Blue 35 (CAS 12222-75-2)	12222-75-2	50	ND	NA		µg/L
Disperse Blue 35 (CAS 56524-77-7)	56524-77-7	50	ND	NA		µg/L
Disperse Blue 7	3179-90-6	50	ND	NA		µg/L
Disperse Brown 1	23355-64-8	50	ND	NA		µg/L
Disperse Orange 1	2581-69-3	50	ND	NA		µg/L
Disperse Orange 3	730-40-5	50	ND	NA		µg/L
Disperse Orange 37/59/76	13301-61-6	50	ND	NA		µg/L
Disperse Red 1	2872-52-8	50	ND	NA		µg/L
Disperse Red 11	2872-48-2	50	ND	NA		µg/L
Disperse Red 17	3179-89-3	50	ND	NA		µg/L
Disperse Yellow 1	119-15-3	50	ND	NA		µg/L
Disperse Yellow 3	2832-40-8	50	ND	NA		µg/L
Disperse Yellow 39	12236-29-2	50	ND	NA		µg/L
Disperse Yellow 49	54824-37-2	50	ND	NA		µg/L
Disperse Yellow 9	6373-73-5	50	ND	NA		µg/L

1I) Dyes - Navy Blue Colourant

Liquid extraction, LC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
Component 1: C39H23Cl-CrN7O12S 2Na	118685-33-9	500	ND	NA		µg/L
Component 2: C46H-30CrN10O20S2 3Na	Not allocated	500	ND	NA		µg/L

1J) Flame Retardants

USEPA 8270E, USEPA 527 and USEPA 8321B Dichloromethane extraction GC-MS or LC-MS; Determined as total boron via ICP

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	ND	NA		µg/L
Bis(2,3-dibromopropyl) phosphate (BIS)	5412-25-9	25	ND	NA		µg/L
Decabromophenyl ether (DecaBDE)	1163-19-5	25	ND	NA		µg/L
Hexabromocyclodecane (HBCDD)	3194-55-6	25	ND	NA		µg/L
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	ND	NA		µg/L
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	ND	NA		µg/L
Polybromobiphenyls (PBB)	59536-65-1	25	ND	NA		µg/L
Tetrabromobisphenol A (TBBPA)	79-94-7	25	ND	NA		µg/L
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	ND	NA		µg/L
Tris(1-aziridinyl)phosphone oxide (TEPA)	545-55-1	25	ND	NA		µg/L
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	ND	NA		µg/L
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	ND	NA		µg/L
Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	25	ND	NA		µg/L
Decabromobiphenyl (DecaBB)	13654-09-6	25	ND	NA		µg/L
Dibromobiphenyls (DiBB)	Multiple	25	ND	NA		µg/L
Octabromobiphenyls (OctaBB)	Multiple	25	ND	NA		µg/L
Dibromopropylether	21850-44-2	25	ND	NA		µg/L
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	ND	NA		µg/L
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	ND	NA		µg/L
Monobromobiphenyls (MonoBB)	Multiple	25	ND	NA		µg/L

1J) Flame Retardants (continued)

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
Monobromodiphenylethers (MonoBDEs)	Multiple	25	ND	NA		µg/L
Nonabromobiphenyls (NonaBB)	Multiple	25	ND	NA		µg/L
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	ND	NA		µg/L
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	ND	NA		µg/L
Tribromophenylethers (TriBDEs)	Multiple	25	ND	NA		µg/L
Boric acid[b]	10043-35-3, 11113-50-1	100	ND	NA		µg/L
Diboron trioxide[b]	1303-86-2	100	ND	NA		µg/L
Disodium octaborate[b]	12008-41-2	100	ND	NA		µg/L
Disodium tetraborate anhydrous[b]	1303-96-4, 1330-43-4	100	ND	NA		µg/L
Tetraboron disodium heptaoxide, hydrate[b]	12267-73-1	100	ND	NA		µg/L

1K) Glycols / Glycol Ethers

USEPA 8270E Liquid extraction, LC-MS GC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
2-ethoxyethanol	110-80-5	50	ND	NA		µg/L
2-ethoxyethyl acetate	111-15-9	50	ND	NA		µg/L
2-methoxyethanol	109-86-4	50	ND	NA		µg/L
2-methoxyethylacetate	110-49-6	50	ND	NA		µg/L
2-methyloxypropylacetate	70657-70-4	50	ND	NA		µg/L
Bis(2-methoxyethyl)-ether	111-96-6	50	ND	NA		µg/L
Ethylene glycol dimethyl ether	110-71-4	50	ND	NA		µg/L
Triethylene glycol dimethyl ether	112-49-2	50	ND	NA		µg/L

1L) Halogenated Solvents

USEPA 8260D Headspace GC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
1,2-dichloroethane	107-06-2	1	ND	NA		µg/L
Methylene chloride	75-09-2	1	ND	NA		µg/L
Tetrachloroethylene	127-18-4	1	ND	NA		µg/L
Trichloroethylene	79-01-6	1	ND	NA		µg/L

1M) Organotin Compounds

ISO 17353 Derivatisation with NaB (C2H5)4 GC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
Dipropyltin compounds (DPT)	Multiple	0.01	ND	NA		µg/L
Mono, di-, and tri-butyltin derivatives	Multiple	0.01	ND	NA		µg/L
Mono, di-, and tri-methyltin derivatives	Multiple	0.01	ND	NA		µg/L
Mono, di-, and tri-octyltin derivatives	Multiple	0.01	ND	NA		µg/L
Mono, di-, and tri-phenyltin derivatives	Multiple	0.01	ND	NA		µg/L
Tetrabutyltin componuds (TeBT)	Multiple	0.01	ND	NA		µg/L
Tripropyltin compounds (TPT)	Multiple	0.01	ND	NA		µg/L
Tetraoctyltin compounds (TeOT)	Multiple	0.01	ND	NA		µg/L
Tricyclohexyltin (TCyHT)	Multiple	0.01	ND	NA		µg/L
Tetraethyltin compounds (TeET)	Multiple	0.01	ND	NA		µg/L

1N) Other / Miscellaneous Chemicals

Liquid extraction, LC-MS; Determine as total boron and total zinc via ICP

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	500	ND	NA		µg/L
Bisphenol A	80-05-7	10	ND	NA		µg/L
Thiourea	62-56-6	50	ND	NA		µg/L
Quinoline	91-22-5	50	ND	NA		µg/L
Borate (Borate, zinc salt[c])	12767-90-7	100	ND	NA		µg/L
Zinc salt (Borate ,zinc salt[c])		100	ND	NA		µg/L
Silica (used in sand blasting)[d]	14464-46-1	-	NA	NA		µg/L

1O) Perfluorinated and Polyfluorinated Chemicals (PFCs)

FTOH: EPA 8270; PFCs: LC-MSMS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
Perfluorooctane sulfonate (PFOS) and related substances, Perfluorooctanoic acid (PFOA)	Multiple	0.01	ND	NA		µg/L
Perfluorooctanoic acid (PFOA) related substances	Multiple	1	ND	NA		µg/L

1P) Phthalates - including all other esters of ortho-phthalic acid

USEPA 8270E, Dichloromethane extraction GC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
1,2-benzenedicarboxylic acid, di-C6-8 branched and liearalkyl esters, C7-rich (DIHP)	71888-89-6, 84777-06-0	10	ND	NA		µg/L
1,2-benzenedicarboxylic acid, di-C7-11 branched and liearalkyl esters (DHNUP)	68515-42-4, 68515-50-4	10	ND	NA		µg/L
Bis(2-methoxyethyl)phthalate (DMEP)	117-82-8	10	ND	NA		µg/L
Butyl benzyl phthalate (BBP)	85-68-7	10	ND	NA		µg/L
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	ND	NA		µg/L
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	ND	NA		µg/L
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	ND	NA		µg/L
Di-iso-butyl phthalate (DIBP)	84-69-5	10	ND	NA		µg/L
Di-iso-nonyl phthalate (DINP)	28553-12-0	10	ND	NA		µg/L
Di-n-hexyl phthalate (DnHP)	84-75-3	10	ND	NA		µg/L
Di-n-octyl phthalate (DNOP)	117-84-0	10	ND	NA		µg/L
Di-n-pentylphthalates	131-18-0	10	ND	NA		µg/L
Di-n-propyl phthalate (DPRP)	131-16-8	10	ND	NA		µg/L
Di(ethylhexyl) phthalate (DEHP)	117-81-7	10	ND	NA		µg/L
Dibutyl phthalate (DBP)	84-74-2	10	ND	NA		µg/L
Diethyl phthalate (DEP)	84-66-2	10	ND	NA		µg/L
Diisopentylphthalates	605-50-5	10	ND	NA		µg/L
Dinonyl phthalate (DNP)	84-76-4	10	ND	NA		µg/L

1Q) Polycyclic Aromatic Hydrocarbons (PAHs)

USEPA 8270E; Solvent extraction GC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
Acenaphthene	83-32-9	1	ND	NA		µg/L
Acenaphthylene	208-96-8	1	ND	NA		µg/L
Anthracene	120-12-7	1	ND	NA		µg/L
Benzo[a]anthracene	56-55-3	1	ND	NA		µg/L
Benzo[a]pyrene (BaP)	50-32-8	1	ND	NA		µg/L
Benzo[b]fluoranthene	205-99-2	1	ND	NA		µg/L
Benzo[e]pyrene	192-97-2	1	ND	NA		µg/L
Benzo[ghi]perylene	191-24-2	1	ND	NA		µg/L
Benzo[j]fluoranthene	205-82-3	1	ND	NA		µg/L
Benzo[k]fluoranthene	207-08-9	1	ND	NA		µg/L
Chrysene	218-01-9	1	ND	NA		µg/L
Dibenz[a,h]anthracene	53-70-3	1	ND	NA		µg/L

1Q) Polycyclic Aromatic Hydrocarbons (PAHs) (continued)

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
Fluoranthene	206-44-0	1	ND	NA		µg/L
Fluorene	86-73-7	1	ND	NA		µg/L
Indeno[1,2,3-cd]pyrene	193-39-5	1	ND	NA		µg/L
Naphthalene	91-20-3	1	ND	NA		µg/L
Phenanthrene	85-01-8	1	ND	NA		µg/L
Pyrene	129-00-0	1	ND	NA		µg/L

1R) Restricted Aromatic Amines (Cleavable from Azo-colourants)

Reduction step with sodium dithionite, solvent extraction EPA 8270; Reduction step with sodium dithionite, solvent extraction EPA 8270E

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
2-naphthylamine	91-59-8	0.1	ND	NA		µg/L
2-naphthylammoniumacetate	553-00-4	0.1	ND	NA		µg/L
2,4-xylidine	95-68-1	0.1	ND	NA		µg/L
2,4,5-trimethylaniline	137-17-7	0.1	ND	NA		µg/L
2,4,5-trimethylaniline hydrochloride	21436-97-5	0.1	ND	NA		µg/L
2,6-xylidine	87-62-7	0.1	ND	NA		µg/L
3,3'-dichlorobenzidine	91-94-1	0.1	ND	NA		µg/L
3,3-dimethoxylbenzidine	119-90-4	0.1	ND	NA		µg/L
3,3-dimethylbenzidine	119-93-7	0.1	ND	NA		µg/L
4-aminoazobenzene	60-09-3	0.1	ND	NA		µg/L
4-aminodiphenyl	92-67-1	0.1	ND	NA		µg/L
4-chloro-o-toluidine	95-69-2	0.1	ND	NA		µg/L
4-chloro-o-toluidinium chloride	3165-93-3	0.1	ND	NA		µg/L
4-chloroaniline	106-47-8	0.1	ND	NA		µg/L
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7	0.1	ND	NA		µg/L
4-methoxy-m-phenylenediamine	615-05-4	0.1	ND	NA		µg/L
4-methyl-m-phenylenediamine	95-80-7	0.1	ND	NA		µg/L
4,4-methylene-bis-(2-chloro-aniline)	101-14-4	0.1	ND	NA		µg/L
4,4-methylenedi-o-toluidine	838-88-0	0.1	ND	NA		µg/L
4,4-methylenedianiline	101-77-9	0.1	ND	NA		µg/L
4,4-oxydianiline	101-80-4	0.1	ND	NA		µg/L
4,4-thiodianiline	139-65-1	0.1	ND	NA		µg/L
5-nitro-o-toluidine	99-55-8	0.1	ND	NA		µg/L
6-methoxy-m-toluidine	120-71-8	0.1	ND	NA		µg/L
Benzidine	92-87-5	0.1	ND	NA		µg/L
o-aminoazotoluene	97-56-3	0.1	ND	NA		µg/L
o-anisidine	90-04-0	0.1	ND	NA		µg/L
o-toluidine	95-53-4	0.1	ND	NA		µg/L

1S) UV Absorbers

USEPA 8270, Dichloromethane extraction GC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec- butyl) phenol (UV-350)	36437-37-3	100	ND	NA		µg/L
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	ND	NA		µg/L
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	100	ND	NA		µg/L
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)	3864-99-1	100	ND	NA		µg/L

1T) Volatile Organic Compounds (VOC)

USEPA 8260D, EPA 8270

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001	Incoming I004		
Benzene	71-43-2	1	ND	NA		µg/L
m-cresol	108-39-4	1	ND	NA		µg/L
o-cresol	95-48-7	1	ND	NA		µg/L
p-cresol	106-44-5	1	ND	NA		µg/L
Xylene	1330-20-7	1	ND	NA		µg/L
Toluene[a]	108-88-3	1	ND	NA		µg/L

Note / Key:

a = Sample and report only for mock leather.
b = Limit refers to elemental boron, not the salt.
c = Limit refers to total boron and total zinc individually, not the salt. Total boron and total zinc values should be less than 100 µg/L to be conformant. When total boron is >100 µg/L and total zinc are <100 µg/L (or vice versa) the sample is still conformant.
d = Not required to test this parameter as this related to sand blasting.

Report Number (6624)286-0061

Wastewater Test Result - ZDHC Heavy Metals

Wastewater - ZDHC Heavy Metals

EPA 3015A, 6020A; 3051A; GB/T 7467-1987

Test Parameters	Reporting limit & LOQ	Limit				Result of Test Items			Unit
		Foundational	Progressive	Aspirational	Local Legal Standard / Contractual agree with CETP Standard	Effluent I002	Incoming I004		
Antimony	0.01	0.1	0.05	0.01	-	NA	NA		mg/L
Chromium (VI)	0.001	0.05	0.005	0.001	-	ND	NA		mg/L
Barium	1	Sample & Report			-	NA	NA		mg/L
Selenium	1	Sample & Report			-	NA	NA		mg/L
Tin	1	Sample & Report			-	NA	NA		mg/L
Arsenic	0.005	0.05	0.01	0.005	-	ND	NA		mg/L
Total Chromium	0.05	0.2	0.1	0.05	-	NA	NA		mg/L
Cobalt	0.01	0.05	0.02	0.01	-	NA	NA		mg/L
Cadmium	0.01	0.1	0.05	0.01	-	ND	NA		mg/L
Copper	0.25	1	0.5	0.25	-	NA	NA		mg/L
Lead	0.01	0.1	0.05	0.01	-	0.026	ND		mg/L
Nickel	0.05	0.2	0.1	0.05	-	NA	NA		mg/L
Silver	0.005	0.1	0.050	0.005	-	NA	NA		mg/L
Zinc	0.5	5	1	0.5	-	NA	NA		mg/L
Mercury	0.001	0.01	0.005	0.001	-	ND	NA		mg/L

Report Number (6624)286-0061

Wastewater Test Result - ZDHC Conventional & Anions

Wastewater - ZDHC Conventional

Test Parameters	Test Method	Reporting limit & LOQ	Limit				Result of Test Items		Unit
			Foundational	Progressive	Aspirational	Local Legal Standard / Contractual agree with CETP Standard	Effluent I002		
pH[f]	HJ 1147-2020	-	6-9	6-9	6-9	-	NA		-
Temperature difference[f]	GB/T 13195-1991	-	15	10	5	-	NA		Δ °C
E.coli	SM 9221B, SM 9221F	126	126	126	126	-	NA		MPN/100-ml
Colour (436 nm)	ISO 7887-B:2011	2	7	5	2	-	NA		m^{-1}
Colour (525 nm)		1	5	3	1	-	NA		m^{-1}
Colour (620 nm)		1	3	2	1	-	NA		m^{-1}
Persistent Foam[f]	Visual	-	No indication of Persistent Foam			-	NA		-
Wastewater Flowrate[f]	-	-	-	-	-	-	NA		m^3/day
Ammonium-Nitrogen	HJ 535-2009	0.5	10	1	0.5	-	NA		mg/L
AOX	HJ/T 83-2001	0.1	3	0.5	0.1	-	NA		mg/L
BOD_5	HJ 505-2009	8	30	15	8	-	NA		mg/L
COD	HJ 828-2017	40	150	80	40	-	NA		mg/L
DO[f]	HJ 506-2009	-	Sample & Report	Sample & Report	Sample & Report	-	NA		mg/L
Oil & Grease	HJ 637-2018	0.5	10	2	0.5	-	NA		mg/L
Total Phenols / Phenol Index	HJ 503-2009	0.001	0.5	0.01	0.001	-	NA		mg/L
Total Chlorine[f]	HJ 585-2010, HJ 586-2010	0.1	Sample & Report	Sample & Report	Sample & Report	-	NA		mg/L
TDS	GB/T 5750.4-2006	5	Sample & Report	Sample & Report	Sample & Report	-	NA		mg/L
Total Nitrogen	HJ 636-2012	5	20	10	5	-	NA		mg/L
Total Phosphorus	GB/T 11893-1989	0.1	3	0.5	0.1	-	NA		mg/L
TSS	GB/T 11901-1989	5	50	15	5	-	NA		mg/L

Wastewater Test Result - ZDHC Conventional & Anions

Wastewater - ZDHC Anions

Test Parameters	Test Method	Reporting limit & LOQ	Limit				Result of Test Items		Unit
			Foundational	Progressive	Aspirational	Local Legal Standard / Contractual agree with CETP Standard	Effluent I002		
Chloride	HJ 84-2016	0.007	Sample & Report	Sample & Report	Sample & Report	-	NA		mg/L
Cyanide, total	HJ 484-2009	0.05	0.2	0.1	0.05	-	NA		mg/L
Sulfate	HJ 84-2016	0.018	Sample & Report	Sample & Report	Sample & Report	-	NA		mg/L
Sulfide	HJ 1226-2021	0.01	0.5	0.05	0.01	-	NA		mg/L
Sulfite	HJ 84-2016	0.2	2	0.5	0.2	-	NA		mg/L

Report Number (6624)286-0061

Sludge Test Result - Metals & Conventional and Anions & MRSL

Sludge - Metals

EPA 3050,EPA 3051A, EPA 6020A, EPA 6020B,USEPA 7196

Test Parameters	Sludge Reporting limit & LOQ	Limit			Result of Test Items			Unit
		Total Metals and Anions Threshold Values			Sludge I003			
Antimony	5	12			**40**			mg/kg
Arsenic	5	10			ND			mg/kg
Barium	200	700			ND			mg/kg
Cadmium	1	3			ND			mg/kg
Cobalt	400	1600			ND			mg/kg
Copper	50	200			ND			mg/kg
Lead	5	10			ND			mg/kg
Nickel	20	70			37.7			mg/kg
Selenium	5	10			ND			mg/kg
Silver	50	100			ND			mg/kg
Total Chromium	50	100			**506.3**			mg/kg
Zinc	400	1000			**3982.4**			mg/kg
Chromium (VI)	20	50			ND			mg/kg
Mercury	1	1			ND			mg/kg

Sludge (Leachate) - Metals

HJ/T 300,EPA 3015A, EPA 6020A, GB 7467,EPA 6020B

Test Parameters	Reporting limit & LOQ	Limit			Result of Test Items			Unit
		Leachate Limit			Leachate			
Antimony	0.6	-			ND			mg/L
Arsenic	0.5	-			NA			mg/L
Barium	35	-			NA			mg/L
Cadmium	0.15	-			NA			mg/L
Cobalt	80	-			NA			mg/L
Copper	10	-			NA			mg/L
Lead	0.5	-			NA			mg/L
Nickel	3.5	-			NA			mg/L
Selenium	0.5	-			NA			mg/L
Silver	5	-			NA			mg/L
Total Chromium	5	-			ND			mg/L
Zinc	50	-			ND			mg/L
Chromium (VI)	2.5	-			NA			mg/L
Mercury	0.05	-			NA			mg/L

Sludge - Conventional

Test Parameters	Test Method	Reporting limit & LOQ	Limit		Result of Test Items			Unit
			Sludge Reporting Limit	Limits for specific disposal pathway	Sludge I003			
pH	HJ 962-2018	-	-	Sample &report	7.86			-
% Solids	HJ 613-2011	-	-	Sample &report	57.7			%
Fecal Coliform	EPA 1681	-	-	Sample &report	ND			MPN/g
Paint Filter Test	EPA 9095B	-	-	Sample &report	Pass			-

Sludge - AP and APEOs: including all isomers

USEPA 3550C,ASTM D7065, ISO 18254-1, ASTM D7742

Test Parameters	CAS Number	Limit		Result of Test Items			Unit
		Sludge Reporting Limit & LOQ	Limits for specific disposal pathway	Sludge I003			
NPEO	9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	0.4	Sample &report	ND			mg/kg
NP, mixed isomers	104-40-5, 11066-49-2, 25154-52-3, 84852-15-3			ND			mg/kg
OPEO	9002-93-1, 9036-19-5, 68987-90-6			ND			mg/kg
OP, mixed isomers	140-66-9, 1806-26-4, 27193-28-8			ND			mg/kg

Sludge - Chlorotoluenes

USEPA 3550, EPA 8270E,HJ 605-2011

Test Parameters	CAS Number	Limit		Result of Test Items			Unit
		Sludge Reporting Limit & LOQ	Limits for specific disposal pathway	Sludge I003			
Chlorotoluenes	Multiple	0.2	Sample &report	ND			mg/kg

Sludge - Polycyclic Aromatic Hydrocarbons (PAHs)

USEPA 3550, EPA 8270E,HJ 805-2016

Test Parameters	CAS Number	Limit		Result of Test Items			Unit
		Sludge Reporting Limit & LOQ	Limits for specific disposal pathway	Sludge I003			
Acenaphthene	83-32-9	0.2	Sample &report	ND			mg/kg
Acenaphthylene	208-96-8			ND			mg/kg
Anthracene	120-12-7			ND			mg/kg
Benzo[a]anthracene	56-55-3			ND			mg/kg
Benzo[a]pyrene (BaP)	50-32-8			ND			mg/kg
Benzo[b]fluoranthene	205-99-2			ND			mg/kg
Benzo[e]pyrene	192-97-2			ND			mg/kg
Benzo[ghi]perylene	191-24-2			ND			mg/kg
Benzo[j]fluoranthene	205-82-3			ND			mg/kg
Benzo[k]fluoranthene	207-08-9			ND			mg/kg
Chrysene	218-01-9			ND			mg/kg
Dibenz[a,h]anthracene	53-70-3			ND			mg/kg
Fluoranthene	206-44-0			ND			mg/kg
Fluorene	86-73-7			ND			mg/kg
Indeno[1,2,3-cd]pyrene	193-39-5			ND			mg/kg
Naphthalene	91-20-3			ND			mg/kg
Phenanthrene	85-01-8			ND			mg/kg
Pyrene	129-00-0			ND			mg/kg

Sludge - Anions

HJ 745-2015

Test Parameters	Limit				Result of Test Items			Unit
	Sludge Reporting Limit & LOQ	Limits for specific disposal pathway			Sludge I003			
Cyanide	20	Sample &report			ND			mg/kg

Appendix A - Discharge limit according to regulation

工业污水处理协议书

甲　　方：张高新（张家港）环境科技有限公司
地　　址：塘桥镇何桥村（南塘村）
联系　电话：0512-58426288
乙　　方：江苏鹿港科技有限公司
地　　址：张家港市塘桥镇花园村
联系　电话：

甲乙双方就乙方产生的工业废水处理等事宜，经双方充分协商，达成如下一致协议：

一、甲方同意为乙方处理企业工业废水，乙方所产生的工业废水进入管网每小时废水量应严格控制在≦ 200 吨，扬程（压力） 0.55 MPa 废水温度≦40℃，年废水排放量以环保部门批准的年废水量为准，甲方接收乙方排放的工业废水浓度范围（接管标准）：COD≦500mg/L、BOD≦300mg/L、SS≦250mg/L、PH 为 6-9、NH-N≦15mg/L、TP≦2mg/L、色度≦80 倍，氟化物≦10mg/L，生物毒性 50-120。

二、乙方上述工业废水均经铺设的污水管网进入甲方调节池或泵站，至乙方的送水管支管由乙方负责运行管理并承担维修费用；废水送入管道计量设备仪器由乙方负责并承担相关费用。

三、甲方同意接纳乙方的工业废水，乙方排入的工业废水应当符合环评标准和当地环保部门规定标准。

四、乙方上述工业废水数量均以甲方设置的计量设备仪器所记载的数量为准，如果甲方和乙方的计量设备仪表所记载的数量差距较大，即从当日起乙方可以提出异议，并申请第三方（张家港市质量技术监督局）检验机构进行检验，检验费用乙方承担。同时对提出异议之日之前的计量数据和结算费用任何一方不得因此而进行改变，并按原计量数据结算。

五、乙方不得私自承接非本厂以外的工业废水，一经发现，甲方将停止接纳乙方工业废水，造成甲方损失的，由乙方全额赔偿。

六、本协议期限：2024 年 1 月 1 日至 2024 年 12 月 31 日止。

七、结算标准：

1、乙方上述工业废水（按上述第一条所约定的废水浓度接管标准），COD≦500mg/L，BOD≦300mg/L、SS≦250mg/L、PH 为 6-9、NH-N≦15mg/L、TP≦2mg/L、色度≦80 倍，氟化物≦10mg/L，生物毒性 50-120（均含本数），按 7.98 元（含税）/吨结算给甲方（2021 年 3 月 27 日开始按 7.98 元/吨结算）；上述接管标准在原有的基础上每超 10%加收 0.1 元/吨，以此类推。如接管标准在原有的基础上超过 40%，在甲方处理出水达标的情况下每超 10%加收 0.2 元/吨，以此类推。如乙方废水水质严重超标由双方另行协商，同时造成甲方损失的由乙

Appendix A - Discharge limit according to regulation (continued)

方进行赔偿（浓度测定以甲方测定为准，如乙方有异议，则委托环保监测大队采样送至市检测站测定，费用乙方承担）。上述价格因市场价格变化或处理成本增加需调整的，甲、乙双方协商一致同意后，另行签订补充协议。

2、乙方送水过程中水泵电费等其他费用由乙方承担。

八、为确保甲方正常运行，乙方同意先行支付甲方工业废水处理费预付款人民币 15 万元整（大写：壹拾伍万元整），乙方自工业废水接入甲方调节池或泵站起按月结算处理费用。原则上每月 25 日抄表计量，本月底开具行业增值税发票给乙方，乙方次月 10 号前向甲方结清上月工业废水处理费用，如乙方逾期未予向甲方结清的，按当月费用总额的 5%日支付给甲方滞纳金，逾期一个月未结算的，甲方有权终止本协议并拒绝处理。先期乙方预付甲方的预付款在合同到期的最后一个月中抵扣。

九、乙方工业废水如超量排污或减量均需提前一个月通知甲方，以便甲方提前做好准备，如乙方擅自增加生产能力或超标排放，造成甲方超负荷运行，乙方必须实施无条件限产，以确保甲方正常运行，并由乙方承担相关经济和法律责任，乙方在生产过程中违反环保等法律法规的违法行为与甲方无关。对乙方上述行为，甲方有权拒绝接受乙方的工业废水，终止本协议的履行。

十、因春节放假或甲方停产整顿、管道修理等原因导致暂停工业废水处理时，甲方应提前电话通知乙方暂停工业废水送入，以便乙方采取相关应急措施并做好准备，乙方应予理解和配合。

十一、如若出现管道堵塞或维修，由甲方牵头实施，费用另行协商分摊，若该管道损坏报废，由甲方负责协调修复或重建，费用由甲乙双方另行协商承担，如乙方原因造成的费用由乙方承担。（支管网的维护保养和维修由乙方负责）

十二、本协议未尽事宜或在履行过程中产生争议，双方协商解决，双方可签定相关补充协议，补充协议作为本协议不可分割的一部分，具有同等法律效力。协商不成的可提请张家港市人民法院处理。

十三、本协议一式贰份，甲乙双方各执一份，甲乙双方签字盖章后生效。

甲方：张高新（张家港）环境科技有限公司
开户行：工行张家港市塘桥支行
账号：1102027619000147278
委托代理人：
签约时间：2024 年 1 月 1 日

乙方：江苏旭港科技有限公司
委托代理人：

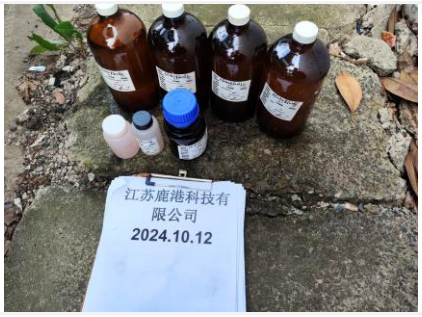
Appendix B - Photos of sampling points and samples (with relative time and date)

I001 - Untreated wastewater

Sampling point
12/10/2024, 8:55

Sampling point surrounding environment
12/10/2024, 8:55

Labelled sample bottles
12/10/2024, 8:55



Sample for phthalate test
12/10/2024, 8:55

Sample packaging
12/10/2024, 15:05

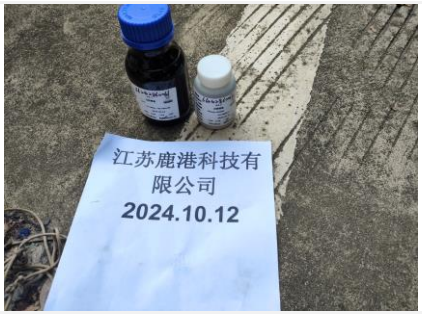
Appendix B - Photos of sampling points and samples (with relative time and date) (continued)

I002 - Effluent

Sampling point
12/10/2024, 9:16

Sampling point surrounding environment
12/10/2024, 9:16

Labelled sample bottles
12/10/2024, 9:16



pH measurement
12/10/2024, 9:16

Sample packaging
12/10/2024, 15:05

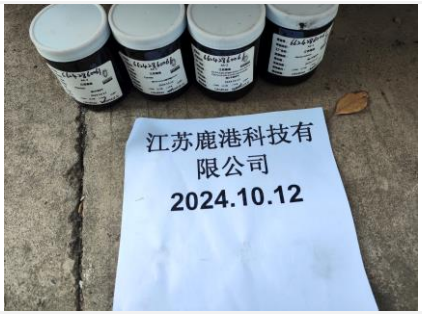
Appendix B - Photos of sampling points and samples (with relative time and date) (continued)

I003 - Sludge

Sampling point
12/10/2024, 10:04

Sampling point surrounding environment
12/10/2024, 10:04

Labelled sample bottles
12/10/2024, 10:04



Sample packaging
12/10/2024, 15:05

Appendix B - Photos of sampling points and samples (with relative time and date) (continued)

I004 - Incoming water

Sampling point
12/10/2024, 10:50

Sampling point surounding environment
12/10/2024, 10:50

Labelled sample bottles
12/10/2024, 10:50

pH measurement
12/10/2024, 10:50

Sample packaging
12/10/2024, 15:05

Appendix C - On-site Field Data Record Sheet

ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration	CPSD-AN-00613-DATA 07
	Issue Date:
	Version No.: 1
	Business Line: Analytical

Attach the completed field data form in the test report.

Facility Information			
Date of Sampling:	2024.10.12		
Sample Number / Test Report Number (ZDHC Composite Sample Code):	6624286006		
Facility Name:	江苏[illegible]混纺科技有限公司		
Facility Address:	江苏省张家港市.[illegible]镇[illegible]北		
Facility Type (tick all applicable):	○ Dyeing and Finishing ○ Laundry, Washing and Finishing ○ Printing ○ Other (please specify)	○ Fabric Mill ○ Natural Leather processing ○ Synthetic Leather processing	
Discharge Type (tick applicable):	○ Direct discharge ○ Indirect discharge ○ Zero liquid discharge (ZLD)	○ with pre-treatment ○ without pre-treatment ○ with own ETP	Other Notes:
Discharge Description:	○ Discharge to environment (e.g. river, stream, sea etc.) ○ Sewage treatment plant	○ Other (please specify)	
Discharge Volume:	○ ≥ 15m³ per day	○ < 15m³ per day	

Sample Type and Details				
Sample Type	Sample Details			
○ Incoming Water	--			
○ Untreated WW	○ with equalisation tank (EQT) present Hydraulic Retention Time (HRT) (Hours): = volume of tank (m³) / flow rate (m³/h) If HRT > 12 h, grab sampling from EQT is allowed.			
○ Effluent	○ Direct Enter sampling time(s) in page 2 and take field test measurements.	○ Indirect Enter sampling time(s) in page 2. No field test measurements required except on client's request.	○ Facility has WWTP ○ Plant is in operating condition	○ with equalisation tank (EQT) present Hydraulic Retention Time (HRT) (Hours): = volume of tank (m³) / flow rate (m³/h) If HRT > 12 h, grab sampling from EQT is allowed.
○ Sludge	Disposal Pathway (The pathway must be defined by the facility. If the facility cannot provide information, pathway "F" shall be assumed.)			
	○ A >1000°C offsite incineration	○ B Landfill with significant control	○ C Building products processed >1000°C	○ D Landfill with limited control
	○ E Incineration/ Building products processed <1000°C	○ F Landfill with no control	○ G Land application	
	Sludge flux (weight/time) if applicable:			

ZDHC Wastewater Sampling - Facility Confirmation			
The wastewater samples have been collected under the facilities' normal production scale and wastewater flow rate. The sampler listed below was on-site and collected the samples. Sampling protocol for wastewater and sludge samples are in accordance with ZDHC SAP including appendix E. In no circumstances shall samples be taken during times when the production process is not running or the wastewater is diluted, for example due to heavy rainfall.			
Facility Confirmation		Sampler Information	
Facility Name:	[illegible]	Sampler's Name/ Email:	[illegible]
Facility Representative Name:	[illegible]	Sampler's ZDHC Accredited No.:	
Facility Representative Signature and Stamp:	[illegible]	Sampler's Signature:	[illegible]
Date:	2024.10.12	Date:	2024.10.12

Appendix C - On-site Field Data Record Sheet (continued)

BUREAU VERITAS	ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration	CPSD-AN-00613-DATA 07 Issue Date: Version No.: 1 Business Line: Analytical

ZDHC Wastewater Flow Device Dimensions				
Measurement (cm)	Meter	Pipe (O)	Flume (U)	Wier (V)
Diameter	--			
Depth	--	--	--	

ZDHC Wastewater Sampling Field Testing QA/ QC			
Parameter	Lab Control Sample (LCS) Known	Lab Control Sample (LCS) Measured	Accuracy (%)
pH			
Total Chlorine			

ZDHC Wastewater Sample Collection Field Test Measurements								
Incoming Sample Point	○ Composite Sample		⊘ Grab Sample		Start Time: 8:00		Stop Time: 15:05	
Sampling Locations:	GPS coordinates:		Lat.: N / S 31°50'06.38"		Long.: E / W 120°37' 53.02			
Sampling Mode:	⊘ Manual		○ Autosampler - Sampling Device Description/ Owner:					
Sampling Time (Hours)	0	1	2	3	4	5	6	Average
Recording time of discrete sample	10:50							--
Colour (visual estimation):	无色							
Untreated Sample Point	⊘ Composite Sample 混合		○ Grab Sample		Start Time: 8:00		Stop Time: 15:05	东染车间 E 120°37'53. N: 31°50'52.0
Sampling Locations:	GPS coordinates:		Lat.: N / S 31°50'03.39"		Long.: E / W 120°37'52.69"			
Sampling Mode:	⊘ Manual		○ Autosampler - Sampling Device Description/ Owner:					
Sampling Time (Hours)	0	1	2	3	4	5	6	Average
Recording time of discrete sample	8:55	9:55	10:55	11:55	12:55	13:55	14:55	--
Colour (visual estimation):	淡黄	浅红	淡黄	淡黄	浅白	淡黄	淡黄	/
Effluent Sample Point	○ Composite Sample		⊘ Grab Sample		Start Time: 8:00		Stop Time: 15:05	
Sampling Locations:	GPS coordinates:		Lat.: N / S 31°50'53.46"		Long.: E / W 120°37' 52.78"			
Sampling Mode:	⊘ Manual		○ Autosampler - Sampling Device Description/ Owner:					
Sampling Time (Hours)	0	1	2	3	4	5	6	Average
Recording time of discrete sample	9:16							--
Temperature (°C): WW Discharge	25.6							
Temperature (°C): Receiving Water	/							
pH:	7.8							
Dissolved Oxygen (mg/L):	3.1							
Total Chlorine (mg/L):	0.3	–						
Persistent Foam (Yes/ No):	Yes / No ✓	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
Wastewater Flow Meter (L/min):	2000m³/d							
Alternate Measured Flow: Depth (cm)	/							
Alternate Measured Flow: Velocity (cm/sec)	/							
Colour (visual estimation):	黑灰							
Volume collected (L):	770mL							
Total volume collected (L):	770mL		Collect 3.33-litres each hour for a total minimum volume of 20-litres					
Sludge Sample Point	○ Composite Sample				Start Time: 8:00		Stop Time: 15:05	
Sampling Locations	GPS coordinates:		Lat.: N / S 31°50'52.06"		Long.: E / W 120°37'53.90"			
Sampling Mode	⊘ Manual		○ Autosampler - Sampling Device Description/ Owner:					
Sampling Time (Hours)	0	1	2	3	4	5	6	Average
Recording time of discrete sample	10:04.							
Colour (visual estimation):	黑棕							

Comments/ Other Observations

处理后外排池 4000立方，日用水量2000吨．满足12小时．

处理前 敞染和东染车间．用水量平均每个车间500吨．

ZDHC采样记录打印版　　Page 2 of 2

END OF REPORT