LAB REPORT

Report Number	**(6624)324-0126**
Date of sampling	19/11/2024
Reporting Date	29/11/2024

Audit ID	185826	**Audit firm**	Bureau Veritas – SHANGHAI
Company name	Hubei Chengui Shunfu Textile Clothing Co., Ltd.		
Contact person	Yanping Liu		
Type of tax - tax ID no	914202005654715473		
Address	No. 1 Shunfutex Avenue. Chengui Textile&Garment New Area. Da Ye City. Hu Bei Province. China		
Region state province	Hu Bei Province		
Town city / village	Da Ye City		
Zip/Post code	435100		

Type of wastewater discharge	
Type of waste discharge	Direct Discharge
Description of the discharge	Discharged into the Yangtze River through the drainage pipeline network
Ambient temperature of receiving water body (direct discharge only)	13.1 ºC

Type of treatment

PRELIMINARY	PRIMARY	SECONDARY / BIOLOGICAL	TERTIARY
☑ Screening/Sieving/Grit remover	☑ Coagulation/Flocculation	☑ Activated sludge process/Aerobic reactor	☐ Absorption with activated carbon
☐ Homogenization tank	☑ Dissolved air flotation (DAF)	☐ Biological Biofilm reactor (MBBR, SAF, RBC…)	☐ High rate filtration
☐ pH correction	☐ Sedimentation tanks or Settler/Clarifier	☐ Sequencing batch reactor (SBR)	☐ Techniques (ozonation, Fenton reaction, photo catalytic degradation…)
☐ Other	☐ Other	☐ Other	☐ Other

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

LAB REPORT

Sampler accreditation certification number (ZDHC):	C74D106818153

Sample description	Simple	Composite	Comments
(1) Wastewater before treatment	YES, grey liquid, simple sample at 8:30	NO	/
(2) Wastewater after treatment	NO	YES, light yellow liquid, composite sample at 8:40, 9:40, 10:40, 11:40, 12:40, 13:40, 14:40	/
(3) Sludge	NO	YES, black solid, composite sample at 10:00	/

Local Legal Data	
Local Legal Standard name [a]	GB 18918-2002, GB8978-1996, GB/T 31962-2015
Parameters (ZDHC WWG V2.1, Table 2 & 3) exceeded local regulation:	No exceeded
Discharge permit provided	YES
Discharge flow data	$\geq$15m^3/Day

Internal description – Final Test Report	
Internal codification number	(6624)324-0126
Reference sample number	Sample 1 For Before treatment; Sample 2 For After treatment; Sample 3 For Sludge
Received on	20/11/2024
Analysis carried out from	20/11/2024 to 29/11/2024
Arrival Temperature at Lab	6.29 ºC
Comments	Samples received within maximum holding time.
Reporting date	29/11/2024
Date and time of the beginning of sampling	19/11/2024, 8:30
Date and time of the end of sampling	19/11/2024, 15:00
Sample holding time exceeded	NO

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

General enquiry and invoicing	Mr. Henry Chen Henry.Chen@bureauveritas.com, (021) 24081953
Technical enquiry-Chemical	Mr. Steven Han Steven-Z.han@bureauveritas.com, (021) 24081838

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 DIVISION (SHANGHAI)
必维申美商品检测（上海）有限公司
Laboratory Test Location实验室检测地址:
No.368, Guangzhong Road, Zhuanqiao Town, Minhang, Shanghai.
上海市闵行区光中路368号
No.168, Guanghua Road, Zhuanqiao Town, Minhang, Shanghai.
上海市闵行区光华路168号

Reviewed by:

Amy Feng

Approved by:

Aten Wu
Technical Support

Summary of test results				
Test items	**Sample 1 (Before treatment)**	**Sample 2 (After treatment)**	**Sample 3 (Sludge)**	**Sample 4 (Leachate)**
Alkylphenols (APs) & Alkylphenol ethoxylates (APEOs)	**ND**	**NA**	**ND**	**NA**
Anti-Microbials & Biocides	**ND**	**NA**	**NA**	**NA**
Chlorinated Paraffins	**ND**	**NA**	**NA**	**NA**
Chlorobenzenes & Chlorotoluenes	**ND**	**NA**	**ND**	**NA**
Chlorophenols	**ND**	**NA**	**NA**	**NA**
N,N-di-methylformamide (DMFa)	**ND**	**NA**	**NA**	**NA**
Dyes – Carcinogenic or Equivalent Concern	**ND**	**NA**	**NA**	**NA**
Dyes – Disperse (Allergenic)	**ND**	**NA**	**NA**	**NA**
Dyes – Navy Blue Colourant	**NA**	**NA**	**NA**	**NA**
Flame retardants	**ND**	**NA**	**NA**	**NA**
Glycols	**ND**	**NA**	**NA**	**NA**
Halogenated Solvents	**ND**	**NA**	**NA**	**NA**
Organotin compounds	**ND**	**NA**	**NA**	**NA**
Other / Miscellaneous Chemicals	**ND**	**NA**	**NA**	**NA**
Perfluorinated and Polyfluorinated Chemicals (PFCs)	**ND**	**NA**	**NA**	**NA**
Phthalates	**ND**	**NA**	**NA**	**NA**
Polycyclic Aromatic Hydrocarbons (PAHs)	**ND**	**NA**	**ND**	**NA**
Restricted Aromatic Amines (Cleavable from Azo-colourants)	**ND**	**NA**	**NA**	**NA**
UV Absorbers	**ND**	**NA**	**NA**	**NA**
Volatile Organic Compounds (VOCs)	**ND**	**NA**	**NA**	**NA**
Heavy metals	**NA**	**Fulfill aspirational limit**	**NA**	**NA**
Global effluent parameters ZDHC	**NA**	**Exceed foundational limit**	**See test result**	**NA**

Remark (Indicated in each parameter)

ND	=	Not detected (below reporting limit)	NA	=	Not applicable
D	=	Detected (equal or above reporting limit)	-	=	Did not perform
*	=	See remark	(f)	=	Parameter tested in field
@	=	Maximum holding time exceeded, Red flag in the ZDHC Gateway – Wastewater Module. Probable error in results due to the holding time.	(T)	=	Handling temperature exceeded
#	=	Non accredited parameter			
(S)	=	Analysis was subcontracted for testing - Bureau Veritas Science and Technology Service (Xi'an) Co., Ltd			
[a]	=	The local legal standard name and legal standard number is referenced to discharge permit (or contractual agree by CETP) that provided by company.			

Test results

1. Alkylphenols (APs) & Alkylphenol Ethoxylates (APEOs)

NP/OP: ASTM D7065-17; OPEO/NPEO (n>2): ASTM D7742-17, LC-MS

Alkylphenols (APs) & Alkylphenol ethoxylates (APEOs)	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Nonylphenolethoxylates (NPEOs)	Multiple including 9016-45-9/ 26027-38-3/ 37205-87-1/ 68412-54-4/ 127087-87-0	5	5	ND	µg/L
Nonylphenol (NP)	Multiple including 104-40-5/ 11066-49-2/ 25154-52-3/ 84852-15-3	5	5	ND	µg/L
Octylphenolethoxylates (OPEOs)	Multiple including 9002-93-1/ 9036-19-5/ 68987-90-6	5	5	ND	µg/L
Octylphenol (OP)	Multiple including 140-66-9/ 1806-26-4/ 27193-28-8	5	5	ND	µg/L

2. Anti-Microbials & Biocides

USEPA3510C:1996; USEPA 8270E:2018, GC-MS; USEPA 8321B:2007, LC-MS

Anti-Microbials & Biocides	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
o-Phenylphenol (+salts)	90-43-7	100	Sample and report only	ND	µg/L
Triclosan	3380-34-5	100	100	ND	µg/L
Permethrin	Multiple including 52645-53-1	500	500	ND	µg/L

3. Chlorinated Paraffins

USEPA 3510C:1996; ISO 18219-2:2021, GC-MS

Chlorinated Paraffins	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Medium-chain chlorinated paraffins (MCCPs) (C14-C17)	85535-85-9	500	500	ND	µg/L
Short-chain chlorinated paraffins (SCCPs) (C10'-C13)	85535-84-8	25	25	ND	µg/L

4. Chlorobenzenes & Chlorotoluenes

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

Chlorobenzenes & Chlorotoluenes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
1,2-dichlorobenzene	95-50-1	0.2	0.2	ND	µg/L
Other isomers of mono-, di-, tri-, tetra-, penta-, and hexa- chlorobenzene and mono-, di-, tri-, tetra-, and penta-chlorotoluene	Multiple including 108-90-7/ 541-73-1/ 106-46-7/ 87-61-6/ 120-82-1/ 108-70-3/ 634-66-2/ 634-90-2/ 95-94-3/ 608-93-5/ 118-74-1/ 95-49-8/ 108-41-8/ 106-43-4/ 32768-54-0/ 95-73-8/ 19398-61-9/ 118-69-4/ 95-75-0/ 25186-47-4/ 7359-72-0/ 2077-46-5/ 6639-30-1/ 23749-65-7/ 21472-86-6/ 1006-32-2/ 875-40-1/ 1006-31-1/ 877-11-2	0.2	0.2	ND	µg/L

5. Chlorophenols

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

Chlorophenols	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-Chlorophenol	95-57-8	0.5	0.5	ND	µg/L
2,3-Dichlorophenol	576-24-9	0.5	0.5	ND	µg/L
2,3,4-Trichorophenol	15950-66-0	0.5	0.5	ND	µg/L
2,3,5-Trichlorophenol	933-78-8	0.5	0.5	ND	µg/L
2,3,6-Trichlorophenol	933-75-5	0.5	0.5	ND	µg/L
2,4-dichlorophenol	120-83-2	0.5	0.5	ND	µg/L
2,4,5-Trichlorophenol	95-95-4	0.5	0.5	ND	µg/L
2,4,6-Trichlorophenol	88-06-2	0.5	0.5	ND	µg/L
2,5-Dichlorophenol	583-78-8	0.5	0.5	ND	µg/L
2,6-Dichlorophenol	87-65-0	0.5	0.5	ND	µg/L
3-Chlorophenol	108-43-0	0.5	0.5	ND	µg/L
3,4-Dichlorophenol	95-77-2	0.5	0.5	ND	µg/L
3,4,5-Trichlorophenol	609-19-8	0.5	0.5	ND	µg/L
3,5-Dichlorophenol	591-35-5	0.5	0.5	ND	µg/L
4-Chlorophenol	106-48-9	0.5	0.5	ND	µg/L
Pentachlorophenol (PCP)	87-86-5	0.5	0.5	ND	µg/L
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	0.5	ND	µg/L
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	0.5	ND	µg/L
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	0.5	ND	µg/L

6. N,N-di-methylformamide (DMFa)

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

DMFa	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Dimethyl formamide; N,N-dimethylformamide (DMFa)	68-12-2	1000	Sample and report	ND	µg/L

7. Dyes – Carcinogenic or Equivalent Concern

USEPA 8321B: 2007, LC-MS

Carcinogenic dyes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Basic violet 3 with >0.1% of Michler's Ketone	548-62-9	500	500	ND	µg/L
C.I. Acid Red 26	3761-53-3	500	500	ND	µg/L
C.I. Acid Violet 49	1694-09-3	500	500	ND	µg/L
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	2580-56-5	500	500	ND	µg/L
C.I. Basic Green 4 (malachite green chloride)	569-64-2	500	500	ND	µg/L
C.I. Basic Green 4 (malachite green oxalate)	2437-29-8	500	500	ND	µg/L
C.I. Basic Green 4 (malachite green)	10309-95-2	500	500	ND	µg/L
C.I. Basic Red 9	569-61-9	500	500	ND	µg/L
C.I. Basic Violet 14	632-99-5	500	500	ND	µg/L
C.I. Direct Black 38	1937-37-7	500	500	ND	µg/L
C.I. Direct Blue 6	2602-46-2	500	500	ND	µg/L
C.I. Direct Red 28	573-58-0	500	500	ND	µg/L
C.I. Disperse Blue 1	2475-45-8	500	500	ND	µg/L
C.I. Disperse Blue 3	2475-46-9	500	500	ND	µg/L
C.I. Disperse Orange 11	82-28-0	500	500	ND	µg/L

8. Dyes – Disperse (Allergenic)

USEPA 8321B: 2007, LC-MS

Disperse dyes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Disperse Blue 102	12222-97-8	50	NA	ND	µg/L
Disperse Blue 106	12223-01-7	50	NA	ND	µg/L
Disperse Blue 124	61951-51-7	50	NA	ND	µg/L
Disperse Blue 26	3860-63-7	50	NA	ND	µg/L
Disperse Blue 35	12222-75-2	50	NA	ND	µg/L

Disperse Blue 35	56524-77-7	50	NA	ND	µg/L
Disperse Blue 7	3179-90-6	50	NA	ND	µg/L
Disperse Brown 1	23355-64-8	50	NA	ND	µg/L
Disperse Orange 1	2581-69-3	50	NA	ND	µg/L
Disperse Orange 3	730-40-5	50	NA	ND	µg/L
Disperse Orange 37/59/76	13301-61-6	50	NA	ND	µg/L
Disperse Red 1	2872-52-8	50	NA	ND	µg/L
Disperse Red 11	2872-48-2	50	NA	ND	µg/L
Disperse Red 17	3179-89-3	50	NA	ND	µg/L
Disperse Yellow 1	119-15-3	50	NA	ND	µg/L
Disperse Yellow 3	2832-40-8	50	NA	ND	µg/L
Disperse Yellow 39	12236-29-2	50	NA	ND	µg/L
Disperse Yellow 49	54824-37-2	50	NA	ND	µg/L
Disperse Yellow 9	6373-73-5	50	NA	ND	µg/L

9. Dyes – Navy Blue Colourant

USEPA 8321B: 2007, LC-MS

Dyes – Navy Blue Colourant	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Component 1: C39H23Cl-CrN7O12S 2Na	118685-33-9	NA	NA	NA	µg/L
Component 2: C46H-30CrN10O20S2 3Na	Not allocated	NA	NA	NA	µg/L

10. Flame retardants

USEPA3510C:1996; USEPA 8270E:2018, GC-MS: USEPA 8321B:2007, LC-MS; USEPA 3015A:2007; US EPA 6020B:2014, ICP-MS

Flame retardants	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Boric acid	10043-35-3/ 11113-50-1	500	500	ND	µg/L
Diboron trioxide	1303-86-2	500	500	ND	µg/L
Disodium octaborate	12008-41-2	500	500	ND	µg/L
Disodium tetraborate anhydrous	1303-96-4/ 1330-43-4	500	500	ND	µg/L
Tetraboron disodium heptaoxide, hydrate	12267-73-1	500	500	ND	µg/L
Hexabromocyclododecane (HBCDD)	3194-55-6	25	25	ND	µg/L
2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	25	ND	µg/L
Polybromobiphenyls (PBBs)	59536-65-1	25	25	ND	µg/L
Monobromobiphenyls (MonoBB)	Multiple	25	25	ND	µg/L
Monobromodiphenylethers (MonoBDEs)	Multiple	25	25	ND	µg/L
Dibromobiphenyls (DiBB)	Multiple	25	25	ND	µg/L
Dibromopropylether	21850-44-2	25	25	ND	µg/L

Tribromodiphenylethers (TriBDEs)	Multiple	25	25	ND	µg/L
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	25	ND	µg/L
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	25	ND	µg/L
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	25	ND	µg/L
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	25	ND	µg/L
Octabromobiphenyls (OctaBB)	Multiple	25	25	ND	µg/L
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	25	ND	µg/L
Nonabromobiphenyls (NonaBB)	Multiple	25	25	ND	µg/L
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	25	ND	µg/L
Decabromobiphenyl (DecaBB)	13654-09-6	25	25	ND	µg/L
Decabromodiphenyl ether (DecaBDE)	1163-19-5	25	25	ND	µg/L
Tetrabromobisphenol A (TBBPA)	79-94-7	25	25	ND	µg/L
Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9	25	25	ND	µg/L
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	25	ND	µg/L
Tris(1-aziridinyl) phosphine oxide (TEPA)	545-55-1	25	25	ND	µg/L
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	25	ND	µg/L
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	25	ND	µg/L
Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	25	25	ND	µg/L

11. Glycols

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

Glycols	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-ethoxyethanol	110-80-5	50	50	ND	µg/L
2-ethoxyethyl acetate	111-15-9	50	50	ND	µg/L
2-methoxyethanol	109-86-4	50	50	ND	µg/L
2-methoxyethylacetate	110-49-6	50	50	ND	µg/L
2-methoxypropylacetate	70657-70-4	50	50	ND	µg/L
Bis(2-methoxyethyl)-ether	111-96-6	50	50	ND	µg/L
Ethylene glycol dimethyl ether	110-71-4	50	50	ND	µg/L
Triethylene glycol dimethyl ether	112-49-2	50	50	ND	µg/L

12. Halogenated Solvents

USEPA 5030B:1996; EPA 8260D:2018, GC-MS

Chlorinated solvents	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
1,2-Dichloroethane	107-06-2	1	1	ND	µg/L
Methylene chloride	75-09-2	1	1	ND	µg/L
Trichloroethene	79-01-6	1	1	ND	µg/L
Tetrachloroethene	127-18-4	1	1	ND	µg/L

13. Organotin compounds

ISO 17353：2004, GC-MS

Organotin compounds	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Dipropyltin compounds (DPT)	Multiple including 867-36-7	0.1	0.1	ND	µg/L
Mono-, di-and tri-butyltin derivatives	Multiple including 1118-46-3/ 1461-22-9	0.1	0.1	ND	µg/L
Mono-, di-and tri-methyltin derivatives	Multiple including 993-16-8/ 753-73-1/ 1066-45-1	0.1	0.1	ND	µg/L
Mono-, di-and tri-octyltin derivatives	Multiple including 3091-25-6/ 3542-36-7/ 2587-76-0	0.1	0.1	ND	µg/L
Mono-, di-and tri-phenyltin derivatives	Multiple including 1124-19-2/ 1135-99-5/ 639-58-7	0.1	0.1	ND	µg/L
Tetrabutyltin compounds (TeBT)	Multiple including 1461-25-2	0.1	0.1	ND	µg/L
Tetraethyltin compounds (TeET)	Multiple including 597-64-8	0.1	0.1	ND	µg/L
Tetraoctyltin compounds (TeOT)	Multiple including 3590-84-9	0.1	0.1	ND	µg/L
Triclyclohexyltin (TCyHT)	Multiple including 3091-32-5	0.1	0.1	ND	µg/L
Tripropyltin compounds (TPT)	Multiple including 2279-76-7	0.1	0.1	ND	µg/L

14. Other /Miscellaneous Chemicals

USEPA 8321B:2007, LC-MS; USEPA 3015A： 2007; US EPA 6020B:2014, ICP-MS

Other /Miscellaneous Chemicals	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	500	500	ND	µg/L
Bisphenol A	80-05-7	10	10	ND	µg/L
Borate – borate, zinc salt	12767-90-7	100	100	ND	µg/L
Zinc salt – borate, zinc salt		100	100	ND	µg/L
Quinoline	91-22-5	50	50	ND	µg/L
Silica (particles of respirable size)	14464-46-1	NA	NA	NA	µg/L
Thiourea	62-56-6	50	50	ND	µg/L

15. Perfluorinated chemicals (PFCs)

USEPA 8321B: 2007, LC-MSMS

Perfluorinated chemicals (PFCs)	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Perfluorooctane sulfonate (PFOS) and related substances	Multiple including 1763-23-1	0.01	0.01	ND	µg/L
Perfluorooctanoic acid (PFOA) and related substances	Multiple including 335-67-1	1	1	ND	µg/L

16. Phthalates – Including all other esters of ortho-phthalic acid

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

Phthalates	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
1,2-benzenedicarboxylic acid, di-C6-11-branched alkyl esters, C7-rich (DIHP)	71888-89-6/ 84777-06-0	10	10	ND	µg/L
1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4/ 68515-50-4	10	10	ND	µg/L
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	10	10	ND	µg/L
Butyl benzyl phthalate (BBP)	85-68-7	10	10	ND	µg/L
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	10	ND	µg/L
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	10	ND	µg/L
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	10	ND	µg/L
Di-iso-butyl phthalate (DIBP)	84-69-5	10	10	ND	µg/L
Di-iso-nonyl phthalate (DINP)	28553-12-0	10	10	ND	µg/L
Di-n-hexyl phthalate (DnHP)	84-75-3	10	10	ND	µg/L
Di-n-octyl phthalate (DNOP)	117-84-0	10	10	ND	µg/L
Di-n-pentylphthalates	131-18-0	10	10	ND	µg/L
Di-n-propyl phthalate (DPRP)	131-16-8	10	10	ND	µg/L
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	10	ND	µg/L
Dibutyl phthalate (DBP)	84-74-2	10	10	ND	µg/L
Diethyl phthalate (DEP)	84-66-2	10	10	ND	µg/L
Diisopentylphthalates	605-50-5	10	10	ND	µg/L
Dinonyl phthalate (DNP)	84-76-4	10	10	ND	µg/L

17. Polycyclic aromatic hydrocarbons (PAHs)

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

PAHs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Acenaphthene	83-32-9	1	1	ND	µg/L
Acenaphthylene	208-96-8	1	1	ND	µg/L
Anthracene	120-12-7	1	1	ND	µg/L
Benzo(a)anthracene	56-55-3	1	1	ND	µg/L
Benzo(a)pyrene (BaP)	50-32-8	1	1	ND	µg/L
Benzo(b)fluoranthene	205-99-2	1	1	ND	µg/L
Benzo(e)pyrene	192-97-2	1	1	ND	µg/L
Benzo(ghi)perylene	191-24-2	1	1	ND	µg/L
Benzo(j)fluoranthene	205-82-3	1	1	ND	µg/L
Benzo(k)fluoranthene	207-08-09	1	1	ND	µg/L
Chrysene	218-01-9	1	1	ND	µg/L
Dibenz(a,h)anthracene	53-70-3	1	1	ND	µg/L
Fluoranthene	206-44-0	1	1	ND	µg/L
Fluorene	86-73-7	1	1	ND	µg/L
Indeno (1,2,3-cd)pyrene	193-39-5	1	1	ND	µg/L
Naphthalene	91-20-3	1	1	ND	µg/L
Phenanthrene	85-01-8	1	1	ND	µg/L
Pyrene	129-00-0	1	1	ND	µg/L

18. Restricted Aromatic Amines (Cleavable from Azo-colourants)

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

Azo Dyes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-Naphthylamine	91-59-8	0.1	0.1	ND	µg/L
2-Naphthylammoniumacetate	553-00-4	0.1	0.1	ND	µg/L
2,4-Xylidine	95-68-1	0.1	0.1	ND	µg/L
2,4,5-Trimethylaniline	137-17-7	0.1	0.1	ND	µg/L
2,4,5-trimethylaniline hydrochloride	21436-97-5	0.1	0.1	ND	µg/L
2,6-Xylidine	87-62-7	0.1	0.1	ND	µg/L
3,3'-Dichlorobenzidine	91-94-1	0.1	0.1	ND	µg/L
3,3-Dimethoxybenzidine	119-90-4	0.1	0.1	ND	µg/L
3,3-Dimethylbenzidine	119-93-7	0.1	0.1	ND	µg/L
4-Aminoazobenzene	60-09-3	0.1	0.1	ND	µg/L
4-Aminobiphenyl	92-67-1	0.1	0.1	ND	µg/L

4-Chloro-o-toluidine	95-69-2	0.1	0.1	ND	µg/L
4-chloro-o-toluidinium chloride	3165-93-3	0.1	0.1	ND	µg/L
4-Chloroaniline	106-47-8	0.1	0.1	ND	µg/L
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7	0.1	0.1	ND	µg/L
4-methoxy-m-phenylenediamine	615-05-4	0.1	0.1	ND	µg/L
4-Methyl-m-phenylenediamine	95-80-7	0.1	0.1	ND	µg/L
4,4-Methylene-bis-(2-chloro-aniline)	101-14-4	0.1	0.1	ND	µg/L
4,4-methylenedi-o-toluidine	838-88-0	0.1	0.1	ND	µg/L
4,4-methylenedianiline	101-77-9	0.1	0.1	ND	µg/L
4,4-Oxydianiline	101-80-4	0.1	0.1	ND	µg/L
4,4-Thiodianiline	139-65-1	0.1	0.1	ND	µg/L
5-Nitro-o-toluidine	99-55-8	0.1	0.1	ND	µg/L
6-methoxy-m-toluidine	120-71-8	0.1	0.1	ND	µg/L
Benzidine	92-87-5	0.1	0.1	ND	µg/L
o-Aminoazotoluene	97-56-3	0.1	0.1	ND	µg/L
o-Anisidine	90-04-0	0.1	0.1	ND	µg/L
o-Toluidine	95-53-4	0.1	0.1	ND	µg/L

19. UV Absorbers

USEPA3510C:1996; USEPA 8270E:2018, GC-MS

UV Absorbers	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	100	100	ND	µg/L
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	100	ND	µg/L
2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	100	100	ND	µg/L
2,4-Di-tert-butyl-6-(5-chlorobenzotrizole-2-yl) phenol (UV-327)	3864-99-1	100	100	ND	µg/L

20. Volatile organic compounds (VOCs)

USEPA 5030B:1996; EPA 8260D:2018; USEPA3510C:1996; USEPA 8270E:2018, GC-MS

VOCs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 1 (Before treatment)	Unit
Benzene	71-43-2	1	1	ND	µg/L
m-cresol	108-39-4	1	1	ND	µg/L
o-cresol	95-48-7	1	1	ND	µg/L
p-cresol	106-44-5	1	1	ND	µg/L
Toluene	108-88-3	1	1	ND	µg/L
Xylene	1330-20-7	1	1	ND	µg/L

21. Heavy metals

US EPA 3015A:2007; US EPA 6020B:2014, ICP-MS; GB/T 7467-1987, UV

Heavy metals	CAS no.	TEXTILES Limit			LEATHER Limit			Reporting limit & LOQ	Result Sample 2 (After Treatment)	Unit
		F	P	A	F	P	A			
Antimony (Sb)	Various	0.1	0.05	0.01	0.1	0.05	0.01	0.01	ND	mg/L
Chromium VI (Cr VI)	Various	0.05	0.005	0.001	0.15	0.05	0.02	0.001	ND	mg/L
Barium (Ba)	Various	Sample and report only			Sample and report only			1	ND	mg/L
Selenium (Se)	Various	Sample and report only			Sample and report only			1	ND	mg/L
Tin (Sn)	Various	Sample and report only			Sample and report only			1	ND	mg/L
Arsenic (As)	Various	0.05	0.01	0.005	0.05	0.01	0.005	0.005	ND	mg/L
Total Chromium (Cr)	Various	0.2	0.1	0.05	1.5	0.8	0.3	0.05	ND	mg/L
Cobalt (Co)	Various	0.05	0.02	0.01	0.05	0.02	0.01	0.01	ND	mg/L
Cadmium (Cd)	Various	0.1	0.05	0.01	0.1	0.05	0.01	0.01	ND	mg/L
Copper (Cu)	Various	1	0.5	0.25	1	0.5	0.25	0.25	ND	mg/L
Lead (Pb)	Various	0.1	0.05	0.01	0.1	0.05	0.01	0.01	ND	mg/L
Nickel (Ni)	Various	0.2	0.1	0.05	0.2	0.1	0.05	0.05	ND	mg/L
Silver (Ag)	Various	0.1	0.05	0.005	0.1	0.05	0.005	0.005	ND	mg/L
Zinc (Zn)	Various	5.0	1.0	0.5	5	1	0.5	0.5	ND	mg/L
Mercury (Hg)	Various	0.01	0.005	0.001	0.01	0.005	0.001	0.001	ND	mg/L

22. Global effluent parameters

Parameters	Test Method	TEXTILES Limit			LEATHER Limit			Reporting limit & LOQ	Result Sample 2 (After Treatment)	Unit
		F	P	A	F	P	A			
pH	HJ 1147-2020	6-9			6-9			NA	7.19 (f)	pH
Temperature difference	GB/T 13195-1991	Δ+15	Δ+10	Δ+5	Δ+15	Δ+10	Δ+5	NA	6.6 (f)	°C
E. coli	SM 9221B, SM 9221F	126			126			126	**1.2×10^3** (s)	MPN/100ml
Colour (436nm; 525nm; 620nm)	ISO 7887-B:2011	7;5;3	5;3;2	2;1;1	7;5;3	5;3;2	2;1;1	2;1;1	2.4; ND; ND	m^{-1}
Foam	Visual estimation	Not visible			Not visible			NA	Not Visible (f)	/
Wastewater Flowrate	-	15m^3 per day			15m^3 per day			NA	2027 (f)	m^3/day
Ammonium-N	HJ 535-2009	10	1	0.5	15	10	1	0.5	ND	mg/L
AOX	HJ/T 83-2001	3	0.5	0.1	3	0.5	0.1	0.1	ND	mg/L
BOD_5	HJ 505-2009	30	15	8	50	30	20	8	9.5	mg/L
COD	HJ 828-2017	150	80	40	250	150	100	40	45	mg/L
DO	HJ 506-2009	≥4			≥4			NA	5.82 (f)	mg/L
Oil and grease	HJ 637-2018	10	2	0.5	20	10	5	0.5	1.18	mg/L
Phenol	HJ 503-2009	0.5	0.01	0.001	0.5	0.3	0.1	0.001	ND	mg/L
Total Chlorine	HJ 586-2010	1			1			0.1	0.76 (f)	mg/L
TDS	GB/T 5750.4-2006	Sample and report only			Sample and report only			5	165	mg/L
Total-N	HJ 636-2012	20	10	5	35	20	10	5	ND	mg/L
Total-P	GB/T 11893-1989	3	0.5	0.1	3	1	0.5	0.1	ND	mg/L
TSS	GB/T 11901-1989	50	15	5	70	50	20	5	8	mg/L
Chloride	HJ 84-2016	Sample and report only			Sample and report only			0.007	38.7	mg/L
Cyanide, total	HJ 484-2009	0.2	0.1	0.05	NA	NA	NA	0.05	ND	mg/L
Sulphate	HJ 84-2016	Sample and report only			Sample and report only			0.018	75.5	mg/L
Sulphide	HJ 1226-2021	0.5	0.05	0.01	1	0.5	0.2	0.01	ND	mg/L
Sulphite	HJ 84-2016	2	0.5	0.2	2	0.5	0.2	0.2	ND	mg/L

23. Sludge Parameters – Step 1 – MRSL –APs and APEOs: including all isomers (Sludge Disposal Pathway = A)

USEPA 3550C:2007; ASTM D7065-17; ASTM D7742-17, LC-MS

Sludge Parameters – APs and APEOs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
Nonylphenolethoxylates (NPEOs)	Multiple including 9016-45-9/ 26027-38-3/ 37205-87-1/ 68412-54-4/ 127087-87-0	0.4	0.4	ND	mg/kg
Nonylphenol (NP)	Multiple including 104-40-5/ 11066-49-2/ 25154-52-3/ 84852-15-3	0.4	0.4	ND	mg/kg
Octylphenolethoxylates (OPEOs)	Multiple including 9002-93-1/ 9036-19-5/ 68987-90-6	0.4	0.4	ND	mg/kg
Octylphenol (OP)	Multiple including 140-66-9/ 1806-26-4/ 27193-28-8	0.4	0.4	ND	mg/kg

24. Sludge Parameters – Step 1 – MRSL – Polycyclic Aromatic Hydrocarbons (PAHs)

USEPA 3550C:2007; USEPA 8270E:2018, GC-MS

PAHs	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
Acenaphthene	83-32-9	0.2	0.2	ND	mg/kg
Acenaphthylene	208-96-8	0.2	0.2	ND	mg/kg
Anthracene	120-12-7	0.2	0.2	ND	mg/kg
Benzo(a)anthracene	56-55-3	0.2	0.2	ND	mg/kg
Benzo(a)pyrene (BaP)	50-32-8	0.2	0.2	ND	mg/kg
Benzo(b)fluoranthene	205-99-2	0.2	0.2	ND	mg/kg
Benzo(e)pyrene	192-97-2	0.2	0.2	ND	mg/kg
Benzo(ghi)perylene	191-24-2	0.2	0.2	ND	mg/kg
Benzo(j)fluoranthene	205-82-3	0.2	0.2	ND	mg/kg
Benzo(k)fluoranthene	207-08-09	0.2	0.2	ND	mg/kg
Chrysene	218-01-9	0.2	0.2	ND	mg/kg
Dibenz(a,h)anthracene	53-70-3	0.2	0.2	ND	mg/kg
Fluoranthene	206-44-0	0.2	0.2	ND	mg/kg
Fluorene	86-73-7	0.2	0.2	ND	mg/kg
Indeno (1,2,3-cd)pyrene	193-39-5	0.2	0.2	ND	mg/kg
Naphthalene	91-20-3	0.2	0.2	ND	mg/kg
Phenanthrene	85-01-8	0.2	0.2	ND	mg/kg
Pyrene	129-00-0	0.2	0.2	ND	mg/kg

25. Sludge Parameters – Step 1 – MRSL – Chlorotoluenes

USEPA 3550C:2007; USEPA 8270E:2018, GC-MS

Chlorotoluenes	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
Other isomers of mono-, di-, tri-, tetra-, and penta- chlorotoluene	Multiple including 95-49-8/ 108-41-8/ 106-43-4/ 32768-54-0/ 95-73-8/ 19398-61-9/ 118-69-4/ 95-75-0/ 25186-47-4/ 7359-72-0/ 2077-46-5/ 6639-30-1/ 23749-65-7/ 1006-32-2/ 875-40-1/ 877-11-2	0.2	0.2	ND	µg/L

26. Sludge Parameters – Step 1 – Metals

USEPA 3051A:2007; US EPA 6020B:2014, ICP-MS; US EPA 7196A : 1992, UV

Sludge Parameters - Metals	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Threshold Values	Result Sample 3 (Sludge)	Unit
Antimony	-	5	NA	12	NA	mg/kg
Arsenic	-	5	2	10	NA	mg/kg
Barium	-	200	NA	700	NA	mg/kg
Cadmium	-	1	2	3	NA	mg/kg
Cobalt	-	400	NA	1600	NA	mg/kg
Copper	-	50	NA	200	NA	mg/kg
Lead	-	5	2	10	NA	mg/kg
Nickel	-	20	NA	70	NA	mg/kg
Selenium	-	5	NA	10	NA	mg/kg
Silver	-	50	NA	100	NA	mg/kg
Zinc	-	400	NA	1000	NA	mg/kg
Total Chromium	-	50	NA	100	NA	mg/kg
Chromium (VI)	-	20	2	50	NA	mg/kg
Mercury	-	1	0.2	1	NA	mg/kg

27. Sludge Parameters – Step 1 – Conventional Parameters & Anions

HJ 962-2018; EPA 1681:2006; HJ 613-2011; EPA 9095B:2004; HJ 745-2015

Sludge Parameters – Conventional & Anions	CAS no.	Reporting limit & LOQ TEXTILE	Reporting limit & LOQ LEATHER	Result Sample 3 (Sludge)	Unit
pH	-	-	-	NA	pH
Fecal Coliform	-	-	-	NA	MPN/g
% Solids	-	-	-	77.4	%
Paint Filter Test	-	-	-	NA	-
Cyanide		-	-	NA	mg/kg

28. Sludge Parameters – Step 2 – Metals

HJ/T 300-2007; US EPA 3015A:2007; US EPA 6020B:2014, ICP-MS; US EPA 7196A:1992, UV

Sludge Parameters – Step 2 - Metals	CAS no.	LOQ	Reporting limit	Result Sample 4 (Leachate)	Unit
Antimony	-	-	-	NA	mg/L
Arsenic	-	-	-	NA	mg/L
Barium	-	-	-	NA	mg/L
Cadmium	-	-	-	NA	mg/L
Cobalt	-	-	-	NA	mg/L
Copper	-	-	-	NA	mg/L
Lead	-	-	-	NA	mg/L
Nickel	-	-	-	NA	mg/L
Selenium	-	-	-	NA	mg/L
Silver	-	-	-	NA	mg/L
Zinc	-	-	-	NA	mg/L
Total Chromium	-	-	-	NA	mg/L
Chromium (VI)	-	-	-	NA	mg/L
Mercury	-	-	-	NA	mg/L

Remark

ND	=	Not detected (below reporting limit)	NA	=	Not applicable
D	=	Detected (equal or above reporting limit)	-	=	Did not perform
*	=	See remark	(f)	=	Parameter tested in field
@	=	Maximum holding time exceeded,	(T)	=	Handling temperature exceeded
		Red flag in the ZDHC Gateway – Wastewater Module.	F	=	Foundational level
		Probable error in results due to the holding time.	P	=	Progressive level
#	=	Non accredited parameter	A	=	Aspirational level

(S) = Analysis was subcontracted for testing - Bureau Veritas Science and Technology Service (Xi'an) Co., Ltd

[a] = The local legal standard name and legal standard number is referenced to discharge permit (or contractual agree by CETP) that provided by company.

Annex A: Sampling photos & Sampling locations

Sample 1 – Sampling Point

[19/11/2024, 8:30]

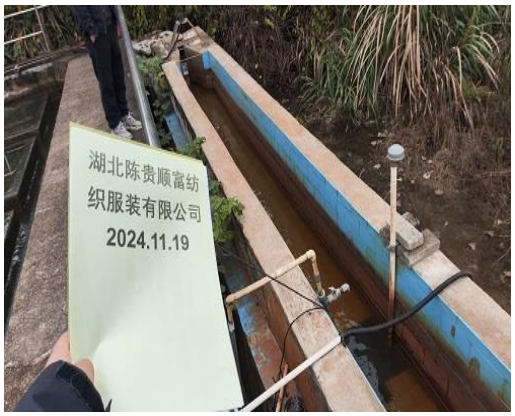
Sample 1 – Photo of Sample

[19/11/2024, 8:30]

Annex A: Sampling photos & Sampling locations (continue)

Sample 2 – Sampling Point

[19/11/2024, 8:40]



Sample 2 – Photo of Sample

[19/11/2024, 14:40]

Sample 2 – Photo of persistant foam

[19/11/2024, 8:40]

Annex A: Sampling photos & Sampling locations (continue)

Sample 3 – Sampling Point
[19/11/2024, 10:00]

Sample 3 – Photo of Sample
[19/11/2024, 10:00]

Annex B: 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: 采样日期	2024. 11. 19
Sample Number / Test Report Number (ZDHC Composite Sample Code): 样品号	6624)324-0126
Facility Name: 工厂名称	湖北陈麦顺富纺织服装有限公司
Facility Address: 工厂地址	湖北大冶市陈贵镇纺织新区顺富大道1号
Facility Type (tick all applicable): 工厂类型	✓ Dyeing and Finishing 染整 ✓ Fabric Mill 面料厂 ○ Laundry, Washing and Finishing 洗衣、水洗、整理 ○ Natural Leather processing 天然皮革加工 ○ Printing 印花 ○ Synthetic Leather processing 合成革加工 ○ Other (please specify) 其他（请注明）
Discharge Type (tick applicable): 排放类型	✓ Direct discharge 直接排放 ✓ with pre-treatment 有预处理 Other Notes: 另注 ○ Indirect discharge 间接排放 ○ without pre-treatment 没有预处理 ○ Zero liquid discharge (ZLD) 零液体排放 ○ with own ETP 拥有自己的污水处理厂
Discharge Description: 排放说明	✓ Discharge to environment (e.g. river河流, stream溪流, sea etc海洋.) ○ Other (please specify) 其他（请注明） ○ Sewage treatment plant 污水处理厂
Discharge Volume: 排放量	✓ ≥ 15m³ per day≥每天15m3 ○ < 15m³ per day每天<15m3

Sample Type and Details 样品类型和详细信息

Sample Type	Sample Details
○ Incoming Water 进水	
○ Untreated WW 未处理	✓ with equalisation tank (EQT) present 存在均衡池（EQT） 不加药处理 Hydraulic Retention Time (HRT) (Hours): 水力停留时间（HRT）（小时） >12h 旬天外排量1000m³，污泥池1000m³ = volume of tank (m³) / flow rate (m³/h) If HRT > 12 h, grab sampling from EQT is allowed.
○ Effluent 排放物	✓ Direct 直接排放 ○ Indirect 间接排放 Enter sampling time(s) in page 2 and take field test measurements. 在第2页中输入采样时间，并进行现场测试测量。 Enter sampling time(s) in page 2. No field test measurements required except on client's request. 在第2页中输入采样时间，除客户要求外，无需进行现场测试测量。 ○ Facility has WWTP 工厂拥有污水处理厂 ○ Plant is in operating condition 工厂处于运行状态 ✓ with equalisation tank (EQT) present 存在均衡池（EQT） Hydraulic Retention Time (HRT) (Hours) 水力停留时间（HRT）（小时） <12h = volume of tank (m³) / flow rate (m³/h) 储罐容积（m3）/流速（m3/h） If HRT > 12 h, grab sampling from EQT is allowed. 如果HRT>12 h，则允许从EQT中抓取样。
○ Sludge 污泥	Disposal Pathway 处置途径 (The pathway must be defined by the facility. If the facility cannot provide information, pathway "F" shall be assumed.) ✓ A >1000°C 场外焚烧 >1000°C offsite incineration ○ B 有重大控制措施的填埋 Landfill with significant control ○ C 建筑材料加工温度>1000°C Building products processed >1000°C ○ D 有限制控制的填埋 Landfill with limited control ○ E 焚烧/建筑材料加工<1000°C Incineration/ Building products ○ F 无控制措施的填埋 Landfill with no control ○ G 土地施用 Land application Sludge flux (weight/time) if applicable: 污泥流量（重量/时间）（如适用）

ZDHC Wastewater Sampling - Facility Confirmation ZDHC 废水取样-设施确认

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. 废水样本是在工厂的正常生产规模和废水流速下采集的。下面列出的采样器在现场采集了样本。废水和污泥样品的取样方案符合ZDHC SAP，包括附录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. 在任何情况下，当生产过程未运行或废水被稀释时，例如由于强降雨，都不得取样。

Facility Confirmation		Sampler Information	
Facility Name: 工厂名		Sampler's Name/ Email: 采样员姓名/电子邮件	
Facility Representative Name: 工厂负责人	孙海平	Sampler's ZDHC Accredited No.: 采样员的ZDHC证书编号	
Facility Representative Signature and Stamp: 工厂代表签名及盖章		Sampler's Signature: 采样员签名	李旭子
Date: 日期	2024. 11. 19	Date: 日期	2024. 11. 19

ZDHC采样记录翻译 Page 1 of 2

Annex B: On-site Field Data Record Sheet (continue)

ZDHC Wastewater Sampling Field Data Form and Representative Sample DeclarationZDHC废水取样现场数据表和代表性样品声明	
	CPSD-AN-00613-DATA 07
	Issue Date:
	Version No.: 1
	Business Line: Analytical

ZDHC Wastewater Flow Device DimensionsZDHC废水流量设备参数

Measurement (cm)测量（cm）	Meter 仪器	Pipe (O) 管道	Flume (U)槽渠	Wier (V)堰
Diameter 直径	--			
Depth 深度	--	--	--	

ZDHC Wastewater Sampling Field Testing QA/ QCZDHC废水取样现场测试QA/QC

Parameter 参数	Lab Control Sample (LCS) Known实验室控制样本	Lab Control Sample (LCS) Measured实验室对照样品（LCS）测量	Accuracy (%)准确度
pH			
Total Chlorine 总氯			

ZDHC Wastewater Sample Collection Field Test MeasurementsZDHC废水样本收集现场测试测量

Incoming Sample Point进水采样点	○ Composite Sample混合采样 ○ Grab Sample瞬时采样			Start Time:开始时间		Stop Time:停止时间		
Sampling Locations:采样位置	GPS coordinates:GPS坐标 Lat.: N / S			Long.: E / W				
Sampling Mode: 采样方式	○ Manual 手动	○ Autosampler自动采样器 - Sampling Device Description/ Owner:采样设置描述						
Sampling Time (Hours)采样时间（小时）	0	1	2	3	4	5	6	Average平均的
Recording time of discrete sample记录离散样本的时间								--
Colour (visual estimation): 颜色（视觉估计）								
Untreated Sample Point未处理的采样点	○ Composite Sample混合采样 ✓ Grab Sample瞬时采样			Start Time:开始时间 08:30		Stop Time:停止时间 15:00		
Sampling Locations: 采样位置	GPS coordinates:GPS坐标 Lat.: N / S 30°3′21.47″			Long.: E / W 114°50′54.58″				
Sampling Mode: 采样方式	✓ Manual 手动	○ Autosampler自动采样器 - Sampling Device Description/ Owner:采样设置描述						
Sampling Time (Hours)采样时间（小时）	0	1	2	3	4	5	6	Average
Recording time of discrete sample记录离散样本的时间	08:30							--
Colour (visual estimation): 颜色（视觉估计）	灰							
Effluent Sample Point 排放废水取样点	✓ Composite Sample混合采样 ○ Grab Sample瞬时采样			Start Time:开始时间 08:30		Stop Time:停止时间 15:00		
Sampling Locations:采样位置	GPS coordinates:GPS坐标 Lat.: N / S 30°3′19.88″			Long.: E / W 114°50′54.42″				
Sampling Mode: 采样方式	✓ Manual 手动	○ Autosampler自动采样器 - Sampling Device Description/ Owner:采样设置描述						
Sampling Time (Hours)采样时间（小时）	0	1	2	3	4	5	6	Average
Recording time of discrete sample记录离散样本的时间	08:40	09:40	10:40	11:40	12:40	13:40	14:40	--
Temperature (°C): 温差 – WW Discharge排放废水	17.7	18.4	18.8	19.7	20.6	21.8	21.2	
Temperature (°C): 温差 – Receiving Water接收水体	12.4	12.7	13.1	12.8	13.5	13.2	13.4	
pH:	7.17	7.14	7.20	7.19	7.21	7.24	7.18	
Dissolved Oxygen (mg/L): 溶解氧	5.89	5.76	5.81	5.82	5.84	5.79	5.82	
Total Chlorine (mg/L): 总氯	0.76	0.81	0.78	0.76	0.79	0.76	0.76	
Persistent Foam (Yes/ No):持久泡沫	Yes / No ✓	Yes / No ✓	Yes / No ✓	Yes / No ✓	Yes / No ✓	Yes / No ✓	Yes / No ✓	Yes / No
Wastewater Flow Meter (L/min):流速	2027 L/min							
Alternate Measured Flow:替代测量流量 – Depth (cm)深度（厘米）								
Alternate Measured Flow:替代测量流量 – Velocity (cm/sec)流速（厘米/秒）								
Colour (visual estimation): 颜色（视觉估计）	浅黄	浅黄	浅黄	浅黄	浅黄	浅黄	浅黄	浅黄
Volume collected (L):收集的体积（L）	0.5L	0.5L	0.5L	0.5L	0.5L	0.5L	0.8L	
Total volume collected (L):收集的总体积（L）	3.8L		Collect 3.33-litres each hour for a total minimum volume of 20-litres每小时收集3.3L，以确保总收集量至少为20L					
Sludge Sample Point污泥采样点	✓ Composite Sample混合采样			Start Time: 08:30		Stop Time: 15:00		
Sampling Locations采样位置	GPS coordinates:GPS坐标 Lat.: N / S 30°3′22.07″			Long.: E / W 114°50′56.45″				
Sampling Mode采样方式	○ Manual 手动	○ Autosampler自动采样器 - Sampling Device Description/ Owner:采样设置描述						
Sampling Time (Hours)采样时间（小时）	0	1	2	3	4	5	6	Average
Recording time of discrete sample记录离散样本的时间	10:00							--
Colour (visual estimation): 颜色（视觉估计）	黑							

Comments/ Other Observations其他备注 污泥现场无渗漏液流出

[illegible] 2024.11.19

ZDHC采样记录翻译 Page 2 of 2

Annex C: Limit according to regulation / Contract limit with centralized ETP (if proceed)

当前位置：水污染物排放信息审核

1、废水污染物排放许可限值

（1）主要排放口

排放口编号	排放口名称	污染物种类	许可排放浓度限值（mg/L）
DW001	废水总排口	悬浮物	10mg/L
DW001	废水总排口	氨氮（NH3-N）	5mg/L
DW001	废水总排口	溶解性总固体（全盐类）	1500mg/L
DW001	废水总排口	挥发酚	0.5mg/L
DW001	废水总排口	化学需氧量	50mg/L
DW001	废水总排口	总磷（以P计）	0.5mg/L
DW001	废水总排口	硫化物	1.0mg/L
DW001	废水总排口	五日生化需氧量	10mg/L
DW001	废水总排口	pH值	6-9
DW001	废水总排口	苯胺类	0.5mg/L
DW001	废水总排口	石油类	1mg/L
DW001	废水总排口	氟化物（以F-计）	10mg/L
DW001	废水总排口	色度	30
DW001	废水总排口	总氮（以N计）	15mg/L
主要排放口合计			CODcr
			氨氮

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