



**BUREAU  
VERITAS**

# LAB REPORT

<b>Report Number</b>	(6624)254-0338		
<b>Date of sampling</b>	September 10, 2024		
<b>Reporting Date</b>	September 24, 2024		
<b>Factory Company Name</b>	Zhejiang Mizuda Textile Printing & Dyeing Co., Ltd.		
<b>Factory Address</b>	No. 288 Tianziwei Road, Huzhou City, Zhejiang Province, China		
<b>Discharge Type</b>	Indirect Discharge with Pretreatment		
<b>Discharge Destination Name &amp; Address</b>	Shibei Sewage Treatment Plant		
<b>Average total industrial wastewater generated</b>	Equal or more than 15m <sup>3</sup> per day	<b>Manufacturing Process Type</b>	Textile
<b>Onsite ETP / Pretreatment</b>	Yes	<b>Homogenization Tank &amp; Holding Time</b>	No
<b>ZDHC Sampler ID</b>	C74D106818121		
<b>Sample Type &amp; Description &amp; Sampling Method</b>	Untreated wastewater	I001, black liquid, composite sample at 8:10, 9:10, 10:10, 11:10, 12:10, 13:10, 14:10	
	Effluent	I002, yellow liquid, composite sample at 8:00, 9:00, 10:00, 11:00, 12:00, 13:00, 14:00	
	Sludge	I003, brown solid, composite sample at 8:30	

<b>Local Legal Data / Contractual agree by CETP Data</b>	
<b>Local Legal Standard Name / Name of Contractual agree by CETP<sup>[a]</sup></b>	Emission Standards for Water Pollutants in Textile Dyeing and Finishing Industry
<b>Standard Number</b>	GB 4287-2012
<b>Parameters (ZDHC WWG V2.1, Table 2 &amp; 3) exceeded local legal standard / contractual agree by CETP standard</b>	No exceeded
<b>Discharge permit provided</b>	Yes

<b>Result Overview</b>			
<b>Wastewater Overall Result (ZDHC WWG V2.1, Table 1)</b>	Not detected		
<b>Wastewater Overall Result (ZDHC WWG V2.1, Table 2 &amp; 3)</b>	Not applicable		
<b>Sludge Disposal Pathway</b>	A	<b>Sludge Overall Result</b>	Meet Sludge Disposal Pathway (sample & report)



<b>Internal Description</b>	
<b>Sample reference number</b>	(6624)254-0338
<b>Date &amp; time of the beginning of sampling</b>	September 10, 2024 , 7:50
<b>Date &amp; time of the end of sampling</b>	September 10, 2024 , 14:15
<b>Sample received date</b>	September 11, 2024
<b>Testing period</b>	September 11, 2024 to September 24, 2024
<b>Arrival temperature at laboratory</b>	7.53 °C
<b>Comments</b>	Samples received within holding time and temperature. Discharge of leased production wastewater, cannot be sampled separately. The total production wastewater is 7000-8000 cubic meters, and the factory wastewater is 2000-3000 cubic meters

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:

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**Report reviewed by**  
  
Amy Feng

**Report approved by**  
  
*Aten Wu*  
Aten Wu, Technical Support

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



**Wastewater Result Summary - ZDHC MRSL Parameters**

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



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**Wastewater Result Summary - ZDHC Heavy Metals Parameters**

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



**Wastewater Result Summary - ZDHC Conventional and Anions Parameters**

ZDHC Conventional and Anions Wastewater	Effluent I002		
pH <sup>[1]</sup>	NA		
Temperature difference <sup>[1]</sup>	NA		
E.coli	NA		
Colour	NA		
Persistent foam <sup>[1]</sup>	NA		
Wastewater flowrate <sup>[1]</sup>	NA		
Ammonium-Nitrogen	NA		
AOX	NA		
Biochemical Oxygen Demand (BOD <sub>5</sub> )	NA		
Chemical Oxygen Demand (COD)	NA		
Dissolved Oxygen (DO) <sup>[1]</sup>	NA		
Oil & Grease	NA		
Total Phenols / Phenol Index	NA		
Total Chlorine <sup>[1]</sup>	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 1003		
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            |
| <b>D</b>        | = | Detected  | -   | = | Did not perform           |
| MEET            | = | Meet ZDHC Wastewater Guidelines Requirements  | [f] | = | Parameter tested in field |
| <b>NOT MEET</b> | = | 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 MRLS**

**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			
NPEO	9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	5	ND			µg/L
NP, mixed isomers	104-40-5, 11066-49-2, 25154-52-3, 84852-15-3	5	ND			µg/L
OPEO	9002-93-1, 9036-19-5, 68987-90-6	5	ND			µg/L
OP, mixed isomers	140-66-9, 1806-26-4, 27193-28-8	5	ND			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			
o-Phenylphenol (+salts)	90-43-7	100	ND			µg/L
Triclosan	3380-34-5	100	ND			µg/L
Permethrin	Multiple	500	ND			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			
MCCPs (C14-C17)	85535-85-9	500	ND			µg/L
SCCPs (C10-C13)	85535-84-8	25	ND			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			
1,2-dichlorobenzene	95-50-1	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	0.2	ND			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			
2-chlorophenol	95-57-8	0.5	ND			µg/L
3-chlorophenol	108-43-0	0.5	ND			µg/L
4-chlorophenol	106-48-9	0.5	ND			µg/L
2,3-dichlorophenol	576-24-9	0.5	ND			µg/L
2,4-dichlorophenol	120-83-2	0.5	ND			µg/L
2,5-dichlorophenol	583-78-8	0.5	ND			µg/L
2,6-dichlorophenol	87-65-0	0.5	ND			µg/L
3,4-dichlorophenol	95-77-2	0.5	ND			µg/L
3,5-dichlorophenol	591-35-5	0.5	ND			µg/L
2,3,4-trichlorophenol	15950-66-0	0.5	ND			µg/L
2,3,5-trichlorophenol	933-78-8	0.5	ND			µg/L
2,3,6-trichlorophenol	933-75-5	0.5	ND			µg/L
2,4,5-trichlorophenol	95-95-4	0.5	ND			µg/L
2,4,6-trichlorophenol	88-06-2	0.5	ND			µg/L
3,4,5-trichlorophenol	609-19-8	0.5	ND			µg/L
2,3,5,6-tetrachlorophenol	935-95-5	0.5	ND			µg/L
2,3,4,6-tetrachlorophenol	58-90-2	0.5	ND			µg/L
2,3,4,5-tetrachlorophenol	4901-51-3	0.5	ND			µg/L
Pentachlorophenol (PCP)	87-86-5	0.5	ND			µg/L

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

EPA 8270E

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001			
Dimethyl formamide; N,N-dimethylformamide (DMFa) <sup>a</sup>	68-12-2	1000	ND			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			
Basic violet 3 with >0.1% of Michler's Ketone	548-62-9	500	ND			µg/L
C.I. Acid Red 26	3761-53-3	500	ND			µg/L
C.I. Acid Violet 49	1694-09-3	500	ND			µg/L
C.I. Basic Blue 26 (with Michler's Ketone >0/1%)	2580-56-5	500	ND			µg/L
C.I. Basic Green 4 (Malachite Green Chloride)	569-64-2	500	ND			µg/L





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

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

**1H) Dyes - Disperse (Sensitising)**

Liquid extraction, LC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001			
Disperse Blue 102	12222-97-8	50	ND			µg/L
Disperse Blue 106	12223-01-7	50	ND			µg/L
Disperse Blue 124	61951-51-7	50	ND			µg/L
Disperse Blue 26	3860-63-7	50	ND			µg/L
Disperse Blue 35 (CAS 12222-75-2)	12222-75-2	50	ND			µg/L
Disperse Blue 35 (CAS 56524-77-7)	56524-77-7	50	ND			µg/L
Disperse Blue 7	3179-90-6	50	ND			µg/L
Disperse Brown 1	23355-64-8	50	ND			µg/L
Disperse Orange 1	2581-69-3	50	ND			µg/L
Disperse Orange 3	730-40-5	50	ND			µg/L
Disperse Orange 37/59/76	13301-61-6	50	ND			µg/L
Disperse Red 1	2872-52-8	50	ND			µg/L
Disperse Red 11	2872-48-2	50	ND			µg/L
Disperse Red 17	3179-89-3	50	ND			µg/L
Disperse Yellow 1	119-15-3	50	ND			µg/L
Disperse Yellow 3	2832-40-8	50	ND			µg/L
Disperse Yellow 39	12236-29-2	50	ND			µg/L
Disperse Yellow 49	54824-37-2	50	ND			µg/L
Disperse Yellow 9	6373-73-5	50	ND			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			
Component 1: C <sub>39</sub> H <sub>23</sub> Cl-CrN <sub>7</sub> O <sub>12</sub> S <sub>2</sub> Na	118685-33-9	500	ND			µg/L
Component 2: C <sub>46</sub> H-30CrN <sub>10</sub> O <sub>20</sub> S <sub>2</sub> 3Na	Not allocated	500	ND			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			
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	ND			µg/L
Bis(2,3-dibromopropyl) phosphate (BIS)	5412-25-9	25	ND			µg/L
Decabromophenyl ether (DecaBDE)	1163-19-5	25	ND			µg/L
Hexabromocyclodecane (HBCDD)	3194-55-6	25	ND			µg/L
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	ND			µg/L
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	ND			µg/L
Polybromobiphenyls (PBB)	59536-65-1	25	ND			µg/L
Tetrabromobisphenol A (TBBPA)	79-94-7	25	ND			µg/L
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	ND			µg/L
Tris(1-aziridinyl)phosphone oxide (TEPA)	545-55-1	25	ND			µg/L
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	ND			µg/L
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	ND			µg/L
Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	25	ND			µg/L
Decabromobiphenyl (DecaBB)	13654-09-6	25	ND			µg/L
Dibromobiphenyls (DiBB)	Multiple	25	ND			µg/L
Octabromobiphenyls (OctaBB)	Multiple	25	ND			µg/L
Dibromopropylether	21850-44-2	25	ND			µg/L
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	ND			µg/L
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	ND			µg/L
Monobromobiphenyls (MonoBB)	Multiple	25	ND			µg/L



**1J) Flame Retardants (continued)**

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001			
Monobromodiphenylethers (MonoBDEs)	Multiple	25	ND			µg/L
Nonabromobiphenyls (NonaBB)	Multiple	25	ND			µg/L
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	ND			µg/L
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	ND			µg/L
Tribromophenylethers (TriBDEs)	Multiple	25	ND			µg/L
Boric acid <sup>b</sup>	10043-35-3, 11113-50-1	100	ND			µg/L
Diboron trioxide <sup>b</sup>	1303-86-2	100	ND			µg/L
Disodium octaborate <sup>b</sup>	12008-41-2	100	ND			µg/L
Disodium tetraborate anhydrous <sup>b</sup>	1303-96-4, 1330-43-4	100	ND			µg/L
Tetraboron disodium heptaoxide, hydrate <sup>b</sup>	12267-73-1	100	ND			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			
2-ethoxyethanol	110-80-5	50	ND			µg/L
2-ethoxyethyl acetate	111-15-9	50	ND			µg/L
2-methoxyethanol	109-86-4	50	ND			µg/L
2-methoxyethylacetate	110-49-6	50	ND			µg/L
2-methoxypropylacetate	70657-70-4	50	ND			µg/L
Bis(2-methoxyethyl)-ether	111-96-6	50	ND			µg/L
Ethylene glycol dimethyl ether	110-71-4	50	ND			µg/L
Triethylene glycol dimethyl ether	112-49-2	50	ND			µg/L

**1L) Halogenated Solvents**

USEPA 8260D Headspace GC-MS

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001			
1,2-dichloroethane	107-06-2	1	ND			µg/L
Methylene chloride	75-09-2	1	ND			µg/L
Tetrachloroethylene	127-18-4	1	ND			µg/L
Trichloroethylene	79-01-6	1	ND			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			
Dipropyltin compounds (DPT)	Multiple	0.01	ND			µg/L
Mono, di-, and tri-butyltin derivatives	Multiple	0.01	ND			µg/L
Mono, di-, and tri-methyltin derivatives	Multiple	0.01	ND			µg/L
Mono, di-, and tri-octyltin derivatives	Multiple	0.01	ND			µg/L
Mono, di-, and tri-phenyltin derivatives	Multiple	0.01	ND			µg/L
Tetrabutyltin compounds (TeBT)	Multiple	0.01	ND			µg/L
Tripropyltin compounds (TPT)	Multiple	0.01	ND			µg/L
Tetraoctyltin compounds (TeOT)	Multiple	0.01	ND			µg/L
Tricyclohexyltin (TCyHT)	Multiple	0.01	ND			µg/L
Tetraethyltin compounds (TeET)	Multiple	0.01	ND			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			
AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	500	ND			µg/L
Bisphenol A	80-05-7	10	ND			µg/L
Thiourea	62-56-6	50	ND			µg/L
Quinoline	91-22-5	50	ND			µg/L
Borate (Borate, zinc salt <sup>c</sup> )	12767-90-7	100	ND			µg/L
Zinc salt (Borate, zinc salt <sup>c</sup> )		100	424			µg/L
Silica (used in sand blasting) <sup>d</sup>	14464-46-1	-	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			
Perfluorooctane sulfonate (PFOS) and related substances, Perfluorooctanoic acid (PFOA)	Multiple	0.01	ND			µg/L
Perfluorooctanoic acid (PFOA) related substances	Multiple	1	ND			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			
1,2-benzenedicarboxylic acid, di-C6-8 branched and linear alkyl esters, C7-rich (DIHP)	71888-89-6, 84777-06-0	10	ND			µg/L
1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNUP)	68515-42-4, 68515-50-4	10	ND			µg/L
Bis(2-methoxyethyl)phthalate (DMEP)	117-82-8	10	ND			µg/L
Butyl benzyl phthalate (BBP)	85-68-7	10	ND			µg/L
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	ND			µg/L
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	ND			µg/L
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	ND			µg/L
Di-iso-butyl phthalate (DIBP)	84-69-5	10	ND			µg/L
Di-iso-nonyl phthalate (DINP)	28553-12-0	10	ND			µg/L
Di-n-hexyl phthalate (DnHP)	84-75-3	10	ND			µg/L
Di-n-octyl phthalate (DNOP)	117-84-0	10	ND			µg/L
Di-n-pentylphthalates	131-18-0	10	ND			µg/L
Di-n-propyl phthalate (DPRP)	131-16-8	10	ND			µg/L
Di(ethylhexyl) phthalate (DEHP)	117-81-7	10	ND			µg/L
Dibutyl phthalate (DBP)	84-74-2	10	ND			µg/L
Diethyl phthalate (DEP)	84-66-2	10	ND			µg/L
Diisopentylphthalates	605-50-5	10	ND			µg/L
Dinonyl phthalate (DNP)	84-76-4	10	ND			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			
Acenaphthene	83-32-9	1	ND			µg/L
Acenaphthylene	208-96-8	1	ND			µg/L
Anthracene	120-12-7	1	ND			µg/L
Benzo[a]anthracene	56-55-3	1	ND			µg/L
Benzo[a]pyrene (BaP)	50-32-8	1	ND			µg/L
Benzo[b]fluoranthene	205-99-2	1	ND			µg/L
Benzo[e]pyrene	192-97-2	1	ND			µg/L
Benzo[ghi]perylene	191-24-2	1	ND			µg/L
Benzo[j]fluoranthene	205-82-3	1	ND			µg/L
Benzo[k]fluoranthene	207-08-9	1	ND			µg/L
Chrysene	218-01-9	1	ND			µg/L
Dibenz[a,h]anthracene	53-70-3	1	ND			µg/L



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

Test Parameters	CAS Number	Reporting limit & LOQ	Result of Test Items			Unit
			Untreated I001			
Fluoranthene	206-44-0	1	ND			µg/L
Fluorene	86-73-7	1	ND			µg/L
Indeno[1,2,3-cd]pyrene	193-39-5	1	ND			µg/L
Naphthalene	91-20-3	1	ND			µg/L
Phenanthrene	85-01-8	1	ND			µg/L
Pyrene	129-00-0	1	ND			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			
2-naphthylamine	91-59-8	0.1	ND			µg/L
2-naphthylammoniumacetate	553-00-4	0.1	ND			µg/L
2,4-xylidine	95-68-1	0.1	ND			µg/L
2,4,5-trimethylaniline	137-17-7	0.1	ND			µg/L
2,4,5-trimethylaniline hydrochloride	21436-97-5	0.1	ND			µg/L
2,6-xylidine	87-62-7	0.1	ND			µg/L
3,3'-dichlorobenzidine	91-94-1	0.1	ND			µg/L
3,3-dimethoxybenzidine	119-90-4	0.1	ND			µg/L
3,3-dimethylbenzidine	119-93-7	0.1	ND			µg/L
4-aminoazobenzene	60-09-3	0.1	ND			µg/L
4-aminodiphenyl	92-67-1	0.1	ND			µg/L
4-chloro-o-toluidine	95-69-2	0.1	ND			µg/L
4-chloro-o-toluidinium chloride	3165-93-3	0.1	ND			µg/L
4-chloroaniline	106-47-8	0.1	ND			µg/L
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7	0.1	ND			µg/L
4-methoxy-m-phenylenediamine	615-05-4	0.1	ND			µg/L
4-methyl-m-phenylenediamine	95-80-7	0.1	ND			µg/L
4,4-methylene-bis-(2-chloro-aniline)	101-14-4	0.1	ND			µg/L
4,4-methylenedi-o-toluidine	838-88-0	0.1	ND			µg/L
4,4-methylenedianiline	101-77-9	0.1	ND			µg/L
4,4-oxydianiline	101-80-4	0.1	ND			µg/L
4,4-thiodianiline	139-65-1	0.1	ND			µg/L
5-nitro-o-toluidine	99-55-8	0.1	ND			µg/L
6-methoxy-m-toluidine	120-71-8	0.1	ND			µg/L
Benzidine	92-87-5	0.1	ND			µg/L
o-aminoazotoluene	97-56-3	0.1	ND			µg/L
o-anisidine	90-04-0	0.1	ND			µg/L
o-toluidine	95-53-4	0.1	ND			µg/L



1S) UV Absorbers

USEPA 8270, Dichloromethane extraction GC-MS

Table with 7 columns: Test Parameters, CAS Number, Reporting limit & LOQ, Result of Test Items (Untreated I001), and Unit. Rows include 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol, 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol, 2-benzotriazol-2-yl-4,6-di-tert-butylphenol, and 2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol.

1T) Volatile Organic Compounds (VOC)

USEPA 8260D, EPA 8270

Table with 7 columns: Test Parameters, CAS Number, Reporting limit & LOQ, Result of Test Items (Untreated I001), and Unit. Rows include Benzene, m-cresol, o-cresol, p-cresol, Xylene, and Toluene.

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.



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Report Number

(6624)254-0338

**Wastewater Test Result - ZDHC Heavy Metals**

**Wastewater - ZDHC Heavy Metals**

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

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





**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 <sup>[f]</sup>	HJ 1147-2020	-	6-9	6-9	6-9	-	NA		-
Temperature difference <sup>[f]</sup>	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 <sup>-1</sup>
Colour (525 nm)		1	5	3	1	-	NA		m <sup>-1</sup>
Colour (620 nm)		1	3	2	1	-	NA		m <sup>-1</sup>
Persistent Foam <sup>[f]</sup>	Visual	-	No indication of Persistent Foam			-	NA		-
Wastewater Flowrate <sup>[f]</sup>	-	-	-	-	-	-	NA		m <sup>3</sup> /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 <sub>5</sub>	HJ 505-2009	8	30	15	8	-	NA		mg/L
COD	HJ 828-2017	40	150	80	40	-	NA		mg/L
DO <sup>[f]</sup>	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 <sup>[f]</sup>	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	1002	
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



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Report Number

(6624)254-0338

**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	Total Metals and Anions Threshold Values	Limit		Result of Test Items			Unit
					Sludge			
					<b>I003</b>			
Antimony	5	12			ND			mg/kg
Arsenic	5	10			8.9			mg/kg
Barium	200	700			ND			mg/kg
Cadmium	1	3			ND			mg/kg
Cobalt	400	1600			ND			mg/kg
Copper	50	200			<b>718.6</b>			mg/kg
Lead	5	10			6.6			mg/kg
Nickel	20	70			<b>236.2</b>			mg/kg
Selenium	5	10			ND			mg/kg
Silver	50	100			ND			mg/kg
Total Chromium	50	100			<b>1117.2</b>			mg/kg
Zinc	400	1000			<b>2178.3</b>			mg/kg
Chromium (VI)	20	50			ND			mg/kg
Mercury	1	1			ND			mg/kg

**Sludge (Leachate) - Metals**

HJT 300,EPA 3015A, EPA 6020A, GB 7467,EPA 6020B

Test Parameters	Reporting limit & LOQ	Leachate Limit	Limit		Result of Test Items			Unit
					Leachate			
Antimony	0.6	-			NA			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	-			ND			mg/L
Lead	0.5	-			NA			mg/L
Nickel	3.5	-			3.931			mg/L
Selenium	0.5	-			NA			mg/L
Silver	5	-			NA			mg/L
Total Chromium	5	-			5.472			mg/L
Zinc	50	-			117.615			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 g Limit	Limits for specific disposal pathway	Sludge I003			
pH	HJ 962-2018	-	-	Sample & report	6.68			-
% Solids	HJ 613-2011	-	-	Sample & report	46.6			%
Fecal Coliform	EPA 1681	-	-	Sample & report	1.4×10 <sup>2</sup>			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 g 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 g 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 Reportin g Limit & LOQ	Limits for specific disposal pathway	Sludge			
Acenaphthene	83-32-9	0.2	Sample &report	I003			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 Reportin g Limit & LOQ	Limits for specific disposal pathway		Sludge			
Cyanide	20	Sample &report		I003			mg/kg



**Appendix A - Discharge limit according to regulation**

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	废水总排放口	化学需氧量	200mg/L
DW001	废水总排放口	氨氮 (NH3-N)	20mg/L
DW001	废水总排放口	硫化物	0.5mg/L
DW001	废水总排放口	二氧化氯	0.5mg/L
DW001	废水总排放口	色度	80
DW001	废水总排放口	流量	/
DW001	废水总排放口	苯胺类	1.0mg/L
DW001	废水总排放口	悬浮物	100mg/L
DW001	废水总排放口	五日生化需氧量	50mg/L
DW001	废水总排放口	pH值	6-9
DW001	废水总排放口	总磷 (以P计)	1.5mg/L
DW001	废水总排放口	可吸附有机卤化物	12mg/L
DW001	废水总排放口	总镉	0.1mg/L
DW001	废水总排放口	总氮 (以N计)	30mg/L
主要排放口合计			CODcr
			氨氮



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

**I001 - Untreated wastewater**

Sampling point  
10/09/2024, 8:10



Sampling point surrounding environment  
10/09/2024, 8:10



Labelled sample bottles  
10/09/2024, 8:10



Sample for phthalate test  
10/09/2024, 8:10



Sample packaging  
10/09/2024, 14:15





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

**I002 - Effluent**

Sampling point  
10/09/2024, 8:00



Sampling point surrounding environment  
10/09/2024, 8:00



Labelled sample bottles  
10/09/2024, 8:00



pH measurement  
10/09/2024, 8:00



Sample packaging  
10/09/2024, 14:15







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

**I003 - Sludge**

Sampling point  
10/09/2024, 8:30



Sampling point surrounding environment  
10/09/2024, 8:30



Labelled sample bottles  
10/09/2024, 8:30



Sample packaging  
10/09/2024, 14:15





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Report Number

(6624)254-0338

Appendix C - On-site Field Data Record Sheet

	<b>ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration</b>	CPSD-AN-00613-DATA 07 Issue Date: _____ Version No.: 1 Business Line: Analytical
	Attach the completed field data form in the test report.	
	<b>Facility Information</b>	
	<b>Date of Sampling:</b> 采样日期: 2024.9.10	<b>Sample Number / Test Report Number (ZDHC Composite Sample Code):</b> 报告号: 66242540338
<b>Facility Name:</b> 工厂名称: 浙江美尔达纺织印染科技有限公司	<b>Facility Address:</b> 工厂地址: 湖州东苕溪路288号	<input checked="" type="checkbox"/> Dyeing and Finishing 染整 <input type="checkbox"/> Fabric Mill 面料厂 <input type="checkbox"/> Laundry, Washing and Finishing 洗衣, 水洗, 整理 <input type="checkbox"/> Natural Leather processing 天然皮革加工 <input checked="" type="checkbox"/> Printing 印花 <input type="checkbox"/> Synthetic Leather processing 合成革加工 <input type="checkbox"/> Other (please specify) 其他 (请注明)
<b>Discharge Type (tick all applicable):</b> 排放类型:	<input checked="" type="checkbox"/> Direct discharge 直接排放 <input checked="" type="checkbox"/> with pre-treatment 有预处理 <input checked="" type="checkbox"/> Indirect discharge 间接排放 <input type="checkbox"/> without pre-treatment 没有预处理 <input type="checkbox"/> Zero liquid discharge (ZLD) 零液体排放 <input type="checkbox"/> with own ETP 拥有自己的污水处理厂	Other Notes: 另注
<b>Discharge Description:</b> 排放说明:	<input type="checkbox"/> Discharge to environment (e.g. river/河流, stream/溪流, sea etc/海洋) <input type="checkbox"/> Other (please specify) 其他 (请注明) <input checked="" type="checkbox"/> Sewage treatment plant 污水处理厂	
<b>Discharge Volume:</b> 排放量:	<input checked="" type="checkbox"/> >= 15m <sup>3</sup> per day >= 每天15m <sup>3</sup> <input type="checkbox"/> < 15m <sup>3</sup> per day < 每天15m <sup>3</sup>	

Sample Type and Details 样品类型和详细信息	
Sample Type	Sample Details
<input type="checkbox"/> Incoming Water 进水 <input type="checkbox"/> Untreated WW 未处理	<input checked="" type="checkbox"/> 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 (m <sup>3</sup> ) / flow rate (m <sup>3</sup> /h) if HRT > 12 h, grab sampling from EQT is allowed.
<input type="checkbox"/> Effluent 排放物	<input type="checkbox"/> Direct 直接排放: Enter sampling time(s) in page 2 and take field test measurements. 在第二次输入采样时间, 并进行现场测试测量。 <input checked="" type="checkbox"/> Indirect 间接排放: Enter sampling time(s) in page 2. No field test measurements required except on client's request. 仅在客户要求时, 需 condition 工厂处于运行状态。 <input type="checkbox"/> Facility has WWTPT 污水处理站 <input type="checkbox"/> Plant is in operating condition 工厂处于运行状态
<input type="checkbox"/> Sludge 污泥	<input checked="" type="checkbox"/> 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 (m <sup>3</sup> ) / flow rate (m <sup>3</sup> /h) if HRT > 12 h, grab sampling from EQT is allowed. 如果 HRT > 12 h, 则允许从 EQT 中抓取取样。
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) <input checked="" type="checkbox"/> A >1000°C off-site incineration 自有重大控制措施的填埋 <input type="checkbox"/> C 建筑材料加工温度 >1000°C <input type="checkbox"/> D 有限控制的填埋 <input type="checkbox"/> E 其他建筑材料加工 <1000°C <input type="checkbox"/> >1000°C off-site incineration 填埋 with significant control  Building products processed >1000°C <input type="checkbox"/> Landfill with limited control <input type="checkbox"/> Incineration/ Building products processed <1000°C <input type="checkbox"/> F 无控制措施的填埋 Landfill with no control <input type="checkbox"/> 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. 废水样品是在工厂的正常生产规模和废水流速下采集的。下面列出的采样员在现场采集了样本。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	
<b>Facility Name:</b> 工厂名称: 浙江美尔达纺织印染科技有限公司	<input checked="" type="checkbox"/> A >1000°C off-site incineration <input type="checkbox"/> >1000°C off-site incineration <input type="checkbox"/> F 无控制措施的填埋 <input type="checkbox"/> G 土地施用	<b>Sampler's Name/Email:</b> 采样员姓名/电子邮箱: 杨伟强	<b>Sampler's ZDHC Accredited No.:</b> 采样员的 ZDHC 证书编号:
<b>Facility Representative Name:</b> 工厂负责人:	<b>Facility Representative Signature and Stamp:</b> 工厂代表签名及盖章:	<b>Sampler's Signature:</b> 采样员签名: 杨伟强	<b>Date:</b> 日期: 2024.9.10



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

Report Number

(6624)254-0338

ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration		ZDHC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 Dimensions / ZDHC废水流量设备参数					
Measurement (cm) / 测量 (cm)	Meter / 仪器	Pipe (Ø) / 管径	Flume (U) / 槽渠	Wier (V) / 堰	
Diameter / 直径	--	--	--		
Depth / 深度	--	--	--		
ZDHC Wastewater Sampling Field Testing QA/QC / ZDHC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 Measurements / ZDHC废水水样收集现场测试测量					
Incoming Sample Point / 进水采样点					
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 Time (Hours) / 采样时间 (小时)		0	1	2	3
Recording time of discrete sample / 记录离散样品的时间					
Colour (visual estimation) / 颜色 (视觉估计)					
Untreated Sample Point / 未处理的采样点					
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 Time (Hours) / 采样时间 (小时)		0	1	2	3
Recording time of discrete sample / 记录离散样品的时间		8:10	9:10	10:10	11:10
Colour (visual estimation) / 颜色 (视觉估计)		黑色	黑色	黑色	黑色
Effluent Sample Point / 排放废水采样点					
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 Time (Hours) / 采样时间 (小时)		0	1	2	3
Recording time of discrete sample / 记录离散样品的时间		8:10	9:10	10:00	11:00
Temperature (°C) / 温度		31.2	32.0	32.1	32.1
pH		7.8	7.9	7.9	7.8
Dissolved Oxygen (mg/L) / 溶解氧		3.73	3.75	3.81	3.92
Total Chlorine (mg/L) / 总氯		0.01	0.01	0.01	0.01
Persistent Foam (Yes/No) / 持久泡沫		Yes / No	Yes / No	Yes / No	Yes / No
Wastewater Flow Meter (L/min) / 流速		4166 L/min			
Alternate Measured Flow / 替代测量流量		Depth (cm) / 深度 (厘米)			
Colour (visual estimation) / 颜色 (视觉估计)		黄色	黄色	黄色	黄色
Volume collected (L) / 收集的体积 (L)		0.11	0.11	0.11	0.11
Total volume collected (L) / 收集的总体积 (L)		0.75			
Sludge Sample Point / 污泥采样点					
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 Time (Hours) / 采样时间 (小时)		0	1	2	3
Recording time of discrete sample / 记录离散样品的时间		8:20			
Colour (visual estimation) / 颜色 (视觉估计)		褐色块状			
Comments / Other Observations / 其他备注					
总厂产废水 7000-8000 m <sup>3</sup> , 本厂废水 2000-3000 m <sup>3</sup> 外排 6000 m <sup>3</sup> .					

END OF REPORT