



# LAB REPORT

<b>Report number</b>	(6625)099-1395		
<b>Date of sampling (dd/mm/yyyy)</b>	09/04/2025		
<b>Date of report (dd/mm/yyyy)</b>	22/04/2025		
<b>Factory company name</b>	Zhejiang Houyuan Textiles Inc.		
<b>Factory address</b>	No. 98 Xinzhong Road, Chongfu Town, Tongxiang City, Jiaxing City, Zhejiang Province, China		
<b>Discharge type</b>	Indirect Discharge with Pretreatment		
<b>Discharge destination name &amp; address</b>	Tongxiang City Urban Sewage Treatment Co., Ltd.		
<b>Average total industrial wastewater generated</b>	≥15 m <sup>3</sup> per day	<b>Manufacturing process type</b>	Textile
<b>Onsite ETP / Pretreatment</b>	Yes	<b>Homogenization Tank &amp; Average Holding Time</b>	Yes (raw & effluent), >12h
<b>ZDHC sampler accreditation certification number</b>	C74D106818233		
<b>Sample description &amp; Sample collection method</b>			
<b>Untreated wastewater (raw)</b>	I001, dark purple liquid, grab sample at 10:10		
<b>Discharged wastewater (effluent)</b>	I002, light brown liquid, grab sample at 10:40		
<b>Sludge</b>	I003, black solid, composite sample at 11:00		
<b>Incoming water (incoming)</b>	I004, light yellow liquid, grab sample at 11:15		
<b>Local legal data</b>			
<b>Local legal standard name &amp; number [a]</b>	Emission standards for water pollutants in textile dyeing and finishing industry; GB 4287-2012		
<b>Parameters (ZDHC WWG V2.2, Table 2 &amp; 3) meeting local regulation [a]</b>	Not applicable		
<b>Discharge permit provided</b>	Yes		
<b>ZDHC overall results</b>			
<b>Wastewater MRSL</b>	Not detected		
<b>Wastewater metals</b>	Meet aspirational limit		
<b>Wastewater conventional and anions</b>	Not applicable		
<b>Sludge disposal pathway</b>	E	<b>Sludge</b>	Meet disposal pathway



Internal Description	
Sample reference number	(6625)099-1395
Date & time of the beginning of sampling	09/04/2025, 9:20
Date & time of the end of sampling	09/04/2025, 14:00
Sample received date	10/04/2025
Testing period	From 09/04/2025 to 22/04/2025
Sample holding time exceeded	No
Sample temperature when received from lab	2.64 °C
Comments	No comment
General enquiry and invoicing	Henry Chen Email: henry.chen@bureauveritas.com; Tel: (021) 24081953
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For and on behalf of	Bureau Veritas Consumer Products Services, Inc. (Shanghai) No. 168, GuangHua Road, Zhuangqiao Town, Minhang, Shanghai, China. Post Code:201108
	Amy Feng
	Aten Wu, Technical Support

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**VERITAS**

Report Number (6625)099-1395

**Summary of test results**

<b>Wastewater / MRSL - Test Items</b>	<b>Raw I001</b>	<b>Incoming I004</b>
AP and APEOs	ND	NA
Antimicrobials and Biocides	ND	NA
Chlorinated Paraffins	ND	NA
Chlorobenzenes and Chlorotoluenes	ND	NA
Chlorophenols	ND	NA
DMFa	ND	NA
Dyes-Carcinogenic or Equivalent Concern	ND	NA
Dyes-Disperse (Allergenic)	ND	NA
Dyes-Navy Blue Colourant	NA	NA
Flame Retardants	ND	NA
Glycols / Glycol Ethers	ND	NA
Halogenated Solvents	ND	NA
Organotin Compounds	ND	NA
Other / Miscellaneous Chemicals	ND	Report only
PFCs	ND	NA
Phthalates	ND	NA
PAHs	ND	NA
Restricted Aromatic Amines	ND	NA
UV Absorbers	ND	NA
VOC	ND	NA

**Summary of test results**

Wastewater / Metals - Test Items	Effluent I002	Incoming I004
Antimony	NA	NA
Chromium (VI)	Aspirational	NA
Barium	NA	NA
Selenium	NA	NA
Tin	NA	NA
Arsenic	Aspirational	NA
Total Chromium	NA	NA
Cobalt	NA	NA
Cadmium	Aspirational	NA
Copper	NA	NA
Lead	Aspirational	NA
Nickel	NA	NA
Silver	NA	NA
Zinc	NA	NA
Mercury	Aspirational	NA
Wastewater / Conventional & Anions - Test Items	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	
BOD5	NA	
COD	NA	
DO [f]	NA	
Oil & Grease	NA	
Total Phenols	NA	
Total Chlorine [f]	NA	
TDS	NA	
Total Nitrogen	NA	
Total Phosphorus	NA	
TSS	NA	
Chloride	NA	
Cyanide, total	NA	
Sulphate	NA	
Sulphide	NA	
Sulphite	NA	



**Summary of test results**      **Sludge Disposal Pathway = E**

Sludge / Sludge Parameters - Test Items	Sludge I003
AP and APEOs	Meet
PAHs	Meet
Chlorotoluenes	Meet
Antimony	Meet
Arsenic	Meet
Barium	Meet
Cadmium	Meet
Cobalt	Meet
Copper	Meet
Lead	Meet
Nickel	Meet
Selenium	Meet
Silver	Meet
Zinc	Meet
Total Chromium	Meet
Chromium (VI)	Meet
Mercury	Meet
pH	Meet
Fecal Coliform	NA
% Solids	Report only
Paint Filter Test	Meet
Cyanide	Meet

Sludge flux and/or sludge flow data: NA

Remark (indicated in each parameter)	
ND	= Not detected (below lab reporting limit)
D	= Detected (above lab reporting limit)
Meet	= (Sludge) Meet sludge disposal pathway limit
Not meet	= (ZDHC) Not meet foundational limit, (Sludge) Not meet sludge disposal pathway limit
Foundational	= Meet foundational limit
Progressive	= Meet progressive limit
Aspirational	= Meet aspirational limit
Report only	= Parameter is for report only, please refer to the data
[a]	= The local legal standard name and legal standard number is referenced to discharge permit (or contractual agree by CETP) that provided by company
(f)	= Parameter tested in field
(T)	= Handling temperature exceeded
@	= Maximum holding time exceeded
*	= See comment
(S)	= Analysis was subcontracted for testing



**1) Test result - Wastewater / MRSL**  
**1A) AP and APEOs: including all isomers**

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

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

**1B) Anti-Microbials & Biocides**

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

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
o-Phenylphenol (+salts)	90-43-7	100	100	ND	NA		
Triclosan	3380-34-5	100	100	ND	NA		
Permethrin	Multiple 52645-53-1	500	500	ND	NA		

**1C) Chlorinated Parafins**

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

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
MCCPs (C14-C17)	85535-85-9	500	500	ND	NA		
SCCPs (C10-C13)	85535-84-8	25	25	ND	NA		

**1D) Chlorobenzenes and Chlorotoluenes**

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

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
1,2-dichlorobenzene	95-50-1	0.2	0.2	ND	NA		
Other isomers of mono-, di-, tri-, tetra-, penta-, and hexa- chlorobenzene and mono-, di-, tri-, tetra-, and penta- chlorotoluene	Multiple 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	NA		



**1E) Chlorophenols**

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

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

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

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

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
Dimethyl formamide; N,N-dimethylformamide (DMFa)	68-12-2	1000	1000	ND	NA		



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

USEPA 8321B:2007, LC-MS

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
Basic violet 3 with >0.1% of Michler's Ketone	548-62-9	500	500	ND	NA		
C.I. Acid Red 26	3761-53-3	500	500	ND	NA		
C.I. Acid Violet 49	1694-09-3	500	500	ND	NA		
C.I. Basic Blue 26 with Michler's Ketone >0.1%	2580-56-5	500	500	ND	NA		
C.I. Basic Green 4 (Malachite Green Chloride)	569-64-2	500	500	ND	NA		
C.I. Basic Green 4 (Malachite Green Oxalate)	2437-29-8	500	500	ND	NA		
C.I. Basic Green 4 (Malachite Green)	10309-95-2	500	500	ND	NA		
C.I. Basic Red 9	569-61-9	500	500	ND	NA		
C.I. Basic Violet 14	632-99-5	500	500	ND	NA		
C.I. Direct Black 38	1937-37-7	500	500	ND	NA		
C.I. Direct Blue 6	2602-46-2	500	500	ND	NA		
C.I. Direct Red 28	573-58-0	500	500	ND	NA		
C.I. Disperse Blue 1	2475-45-8	500	500	ND	NA		
C.I. Disperse Blue 3	2475-46-9	500	500	ND	NA		
C.I. Disperse Orange 11	82-28-0	500	500	ND	NA		

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

USEPA 8321B:2007, LC-MS

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

**1I) Dyes - Navy Blue Colourant**

USEPA 8321B:2007, LC-MS

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
Component 1: C39H23Cl-CrN7O12S 2Na	118685-33-9	NA	NA	NA	NA		
Component 2: C46H-30CrN10O20S2 3Na	Not allocated						



**1J) Flame Retardants**

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

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
Boric acid	10043-35-3, 11113-50-1	500	500	ND	NA		
Diboron trioxide	1303-86-2	500	500	ND	NA		
Disodium octaborate	12008-41-2	500	500	ND	NA		
Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4	500	500	ND	NA		
Tetraboron disodium heptaoxide, hydrate	12267-73-1	500	500	ND	NA		
Hexabromocyclodecane (HBCDD)	3194-55-6	25	25	ND	NA		
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	25	ND	NA		
Polybromobiphenyls (PBB)	59536-65-1	25	25	ND	NA		
Monobromobiphenyls (MonoBB)	Multiple	25	25	ND	NA		
Monobromodiphenylethers (MonoBDEs)	Multiple	25	25	ND	NA		
Dibromobiphenyls (DiBB)	Multiple	25	25	ND	NA		
Dibromopropylether	21850-44-2	25	25	ND	NA		
Tribromophenylethers (TriBDEs)	Multiple	25	25	ND	NA		
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	25	ND	NA		
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	25	ND	NA		
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	25	ND	NA		
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	25	ND	NA		
Octabromobiphenyls (OctaBB)	Multiple	25	25	ND	NA		
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	25	ND	NA		
Nonabromobiphenyls (NonaBB)	Multiple	25	25	ND	NA		
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	25	ND	NA		
Decabromobiphenyl (DecaBB)	13654-09-6	25	25	ND	NA		
Decabromophenyl ether (DecaBDE)	1163-19-5	25	25	ND	NA		
Tetrabromobisphenol A (TBBPA)	79-94-7	25	25	ND	NA		
Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9	25	25	ND	NA		
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	25	ND	NA		
Tris(1-aziridinyl) phosphone oxide (TEPA)	545-55-1	25	25	ND	NA		
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	25	ND	NA		
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	25	ND	NA		
Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	25	25	ND	NA		

Footnote for boron flame retardant: Limit refers to the total elemental boron via ICP. If the total elemental boron content is higher than 500 µg/L, then all five boron flame retardant are non-conformant.

**1K) Glycols / Glycol Ethers**

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

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
2-ethoxyethanol	110-80-5	50	50	ND	NA		
2-ethoxyethyl acetate	111-15-9	50	50	ND	NA		
2-methoxyethanol	109-86-4	50	50	ND	NA		
2-methoxyethylacetate	110-49-6	50	50	ND	NA		
2-methoxypropylacetate	70657-70-4	50	50	ND	NA		
Bis(2-methoxyethyl)-ether	111-96-6	50	50	ND	NA		
Ethylene glycol dimethyl ether	110-71-4	50	50	ND	NA		
Triethylene glycol dimethyl ether	112-49-2	50	50	ND	NA		

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VERITAS**1L) Halogenated Solvents**

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

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
1,2-dichloroethane	107-06-2	1	1	ND	NA		
Methylene chloride	75-09-2	1	1	ND	NA		
Tetrachloroethylene	127-18-4	1	1	ND	NA		
Trichloroethylene	79-01-6	1	1	ND	NA		

**1M) Organotin Compounds**

ISO 17353:2004 ,GC-MS

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
Dipropyltin compounds (DPT)	Multiple 867-36-7	0.01	0.01	ND	NA		
Mono, di-, and tri-butyltin derivatives	Multiple 1118-46-3, 1461-22-9	0.01	0.01	ND	NA		
Mono, di-, and tri-methyltin derivatives	Multiple 993-16-8, 753-73-1, 1066-45-1	0.01	0.01	ND	NA		
Mono, di-, and tri-octyltin derivatives	Multiple 3091-25-6, 3542-36-7, 2587-76-0	0.01	0.01	ND	NA		
Mono, di-, and tri-phenyltin derivatives	Multiple 1124-19-2, 1135-99-5, 639-58-7	0.01	0.01	ND	NA		
Tetraethyltin compounds (TeET)	Multiple 1461-25-2	0.01	0.01	ND	NA		
Tetraethyltin compounds (TeET)	Multiple 597-64-8	0.01	0.01	ND	NA		
Tetraoctyltin compounds (TeOT)	Multiple 3590-84-9	0.01	0.01	ND	NA		
Tricyclohexyltin (TCyHT)	Multiple 3091-32-5	0.01	0.01	ND	NA		
Tripropyltin compounds (TPT)	Multiple 2279-76-7	0.01	0.01	ND	NA		

**1N) Other / Miscellaneous Chemicals**

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

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
AEAA [2-(2-aminoethylamino)ethanol]	111-41-1	500	500	ND	NA		
Bisphenol A	80-05-7	10	10	ND	NA		
Borate (Borate, zinc salt)	12767-90-7	100	100	ND	NA		
Zinc salt (Borate, zinc salt)		100	100	464	ND		
Quinoline	91-22-5	50	50	ND	NA		
Silica (particles of respirable size)	14464-46-1	NA	NA	NA	NA		
Thiourea	62-56-6	50	50	ND	NA		

Footnote for borate, zinc salt: Limit refers to boron and 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 is <100 µg/L (or vice versa), the sample is still conformant.



**10) Perfluorinated and Polyfluorinated Chemicals (PFCs)**

USEPA 8321B: 2007, LC-MSMS

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
Perfluorooctane sulfonate (PFOS) and related substances	Multiple 1763-23-1	0.01	0.01	ND	NA		
Perfluorooctanoic acid (PFOA) and related substances	Multiple 335-67-1	1	1	ND	NA		

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

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

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



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

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

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
Acenaphthene	83-32-9	1	1	ND	NA		
Acenaphthylene	208-96-8	1	1	ND	NA		
Anthracene	120-12-7	1	1	ND	NA		
Benzo[a]anthracene	56-55-3	1	1	ND	NA		
Benzo[a]pyrene	50-32-8	1	1	ND	NA		
Benzo[b]fluoranthene	205-99-2	1	1	ND	NA		
Benzo[e]pyrene	192-97-2	1	1	ND	NA		
Benzo[ghi]perylene	191-24-2	1	1	ND	NA		
Benzo[j]fluoranthene	205-82-3	1	1	ND	NA		
Benzo[k]fluoranthene	207-08-9	1	1	ND	NA		
Chrysene	218-01-9	1	1	ND	NA		
Dibenz[a,h]anthracene	53-70-3	1	1	ND	NA		
Fluoranthene	206-44-0	1	1	ND	NA		
Fluorene	86-73-7	1	1	ND	NA		
Indeno[1,2,3-cd]pyrene	193-39-5	1	1	ND	NA		
Naphthalene	91-20-3	1	1	ND	NA		
Phenanthrene	85-01-8	1	1	ND	NA		
Pyrene	129-00-0	1	1	ND	NA		



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

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

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

**1S) UV Absorbers**

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

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



**1T) Volatile Organic Compounds (VOC)**

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

Test Parameters	CAS Number	Reporting Limit		Result (µg/L)			
		TEXTILE	Lab	Raw I001	Incoming I004		
Benzene	71-43-2	1	1	ND	NA		
m-cresol	108-39-4	1	1	ND	NA		
o-cresol	95-48-7	1	1	ND	NA		
p-cresol	106-44-5	1	1	ND	NA		
Toluene	108-88-3	1	1	ND	NA		
Xylene	1330-20-7	1	1	ND	NA		



**2) Test result - Wastewater / Metals**

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

Test Parameters	Reporting limit, TEXTILE				Legal limit#	Result (mg/L)			
	Foundational	Progressive	Aspirational	Lab		Effluent I002	Incoming I004		
Antimony	0.1	0.05	0.01	0.01	-	NA	NA		
Chromium (VI)	0.05	0.005	0.001	0.001	-	ND	NA		
Barium	Sample & report			1	-	NA	NA		
Selenium	Sample & report			1	-	NA	NA		
Tin	Sample & report			1	-	NA	NA		
Arsenic	0.05	0.01	0.005	0.005	-	ND	NA		
Total Chromium	0.2	0.1	0.05	0.05	-	NA	NA		
Cobalt	0.05	0.02	0.01	0.01	-	NA	NA		
Cadmium	0.1	0.05	0.01	0.01	-	ND	NA		
Copper	1	0.5	0.25	0.25	-	NA	NA		
Lead	0.1	0.05	0.01	0.01	-	ND	NA		
Nickel	0.2	0.1	0.05	0.05	-	NA	NA		
Silver	0.1	0.05	0.005	0.005	-	NA	NA		
Zinc	5	1	0.5	0.5	-	NA	NA		
Mercury	0.1	0.005	0.001	0.001	-	ND	NA		

# Legal requirement based on regulation or standard information for discharged wastewater as well as the limitation value (or contractual limit value agreed by CETP) for the required parameters.

**3) Test result - Wastewater / Conventional and Anions**

Test Parameters	Test Method	Reporting limit, TEXTILE				Legal limit#	Result		Unit
		Foundational	Progressive	Aspirational	Lab		Effluent I002		
pH	HJ 1147-2020	6-9			NA	-	NA		pH
Temperature difference	GB/T 13195-1991	Δ+15	Δ+10	Δ+5	NA	-	NA		°C
E.coli	SM 9221B, SM 9221F	126 MPN/100-ml			126	-	NA		MPN/100-ml
Colour (436 nm)	ISO 7887-B:2011	7	5	2	NA	-	NA		m-1
Colour (525 nm)		5	3	1	NA	-	NA		
Colour (620 nm)		3	2	1	NA	-	NA		
Persistent foam	Visual estimation	No indication of persistent foam in receiving water			NA	-	NA		-
Wastewater flowrate	-	15 m <sup>3</sup> /day			NA	-	NA		m <sup>3</sup> /day
Ammonium-Nitrogen	HJ 535-2009	10	1	0.5	0.5	-	NA		mg/L
AOX	HJ/T 83-2001	3	0.5	0.1	0.1	-	NA		mg/L
BOD <sub>5</sub>	HJ 505-2009	30	15	8	8	-	NA		mg/L
COD	HJ 828-2017	150	80	40	40	-	NA		mg/L
DO	HJ 506-2009	≥ 4			-	-	NA		mg/L
Oil & Grease	HJ 637-2018	10	2	0.5	0.5	-	NA		mg/L

# Legal requirement based on regulation or standard information for discharged wastewater as well as the limitation value (or contractual limit value agreed by CETP) for the required parameters.

**3) Test result - Wastewater / Conventional and Anions (continue)**

Test Parameters	Test Method	Reporting limit, TEXTILE				Legal limit#	Result		Unit
		Foundational	Progressive	Aspirational	Lab		Effluent I002		
Total Phenols / Phenol Index	HJ 503-2009	0.5	0.01	0.001	0.001	-	NA		mg/L
Total Chlorine	HJ 586-2010	1			-	-	NA		mg/L
TDS	GB/T 5750.4-2006	Sample & report			-	-	NA		mg/L
Total Nitrogen	HJ 636-2012	20	10	5	5	-	NA		mg/L
Total Phosphorus	GB/T 11893-1989	3	0.5	0.1	0.1	-	NA		mg/L
TSS	GB/T 11901-1989	50	15	5	5	-	NA		mg/L
Chloride	HJ 84-2016	Sample & report			-	-	NA		mg/L
Cyanide, total	HJ 484-2009	0.2	0.1	0.05	0.05	-	NA		mg/L
Sulphate	HJ 84-2016	Sample & report			-	-	NA		mg/L
Sulphide	HJ 1226-2021	0.5	0.05	0.01	0.01	-	NA		mg/L
Sulphite	HJ 84-2016	2	0.5	0.2	0.2	-	NA		mg/L

# Legal requirement based on regulation or standard information for discharged wastewater as well as the limitation value (or contractual limit value agreed by CETP) for the required parameters.



**4A) Test result - Sludge / MRSL Sludge - AP & APEOs** **Sludge Disposal Pathway = E**

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

Test Parameters	CAS Number	Reporting Limit		Result			Unit
		TEXTILE	Lab	Sludge 1003			
NPEO	Multiple 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	0.4	0.4	ND			mg/kg
NP, mixed isomers	Multiple 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3	0.4	0.4	ND			mg/kg
OPEO	Multiple 9002-93-1, 9036-19-5, 68987-90-6	0.4	0.4	ND			mg/kg
OP, mixed isomers	Multiple 140-66-9, 1806-26-4, 27193-28-8	0.4	0.4	ND			mg/kg

**Sludge - PAHs**

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

Test Parameters	CAS Number	Reporting Limit		Result			Unit
		TEXTILE	Lab	Sludge 1003			
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	207-08-9	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

**Sludge - Chlorotoluenes**

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

Test Parameters	CAS Number	Reporting Limit		Result			Unit
		TEXTILE	Lab	Sludge 1003			
Other isomers of mono-, di-, tri-, tetra-, and penta-chlorotoluene	Multiple 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			mg/kg



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**4B) Test result - Sludge / Metals** **Sludge Disposal Pathway = E**

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

Test Parameters	Reporting Limit		Maximum Total Metals Limits Disposal Pathway G	Threshold Values	Result			Unit
	TEXTILE	Lab			Sludge 1003			
Antimony	5	5	NA	12	42.6		mg/kg	
Arsenic	5	5	41	10	21.6		mg/kg	
Barium	200	200	500	700	327.2		mg/kg	
Cadmium	1	1	39	3	ND		mg/kg	
Cobalt	400	400	NA	1600	ND		mg/kg	
Copper	50	50	1500	200	228.5		mg/kg	
Lead	5	5	400	10	35.6		mg/kg	
Nickel	20	20	420	70	122.1		mg/kg	
Selenium	5	5	36	10	8.6		mg/kg	
Silver	50	50	NA	100	ND		mg/kg	
Zinc	400	400	2800	1000	6758.9		mg/kg	
Total Chromium	50	50	1200	100	424.5		mg/kg	
Chromium (VI)	20	20	50	50	ND		mg/kg	
Mercury	1	1	17	1	4		mg/kg	

**Test result - Leachate / Metals** **Sludge Disposal Pathway = E**

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

Test Parameters	Reporting Limit	Sludge disposal pathway					Result	Unit
	Lab	A, B, C	D	E	F	G		
Antimony	0.01	NA	7.8	0.6	0.6	0.6	ND	mg/L
Arsenic	0.005	NA	2.75	0.5	0.5	0.5	0.005	mg/L
Barium	1	NA	67.5	35	35	35	NA	mg/L
Cadmium	0.01	NA	0.58	0.15	0.15	0.15	NA	mg/L
Cobalt	0.01	NA	80	80	80	80	NA	mg/L
Copper	0.25	NA	17.5	10	10	10	ND	mg/L
Lead	0.01	NA	2.75	0.5	0.5	0.5	ND	mg/L
Nickel	0.05	NA	11.75	3.5	3.5	3.5	0.57	mg/L
Selenium	1	NA	0.75	0.5	0.5	0.5	NA	mg/L
Silver	0.005	NA	5	5	5	5	NA	mg/L
Zinc	0.5	NA	50	50	50	50	8.891	mg/L
Total Chromium	0.05	NA	5	5	5	5	0.309	mg/L
Chromium (VI)	0.001	NA	3.75	2.5	2.5	2.5	NA	mg/L
Mercury	0.001	NA	0.125	0.05	0.05	0.05	ND	mg/L



**4C) Test result - Sludge / Conventional & Anion      Sludge Disposal Pathway = E**

Test Parameters	Test Method	Reporting Limit	Sludge disposal pathway					Result		Unit
		Lab	A, B, C	D	E	F	G	Sludge 1003		
pH	HJ 962-2018	NA	NA	5-11	5-11	6.5-9	6.5-9	5.88		-
Fecal Coliform	EPA 1681:2006	-	NA	NA	NA	<1000	<1000	NA		MPN/g
% Solids	HJ 613-2011	NA	Sample & report					27.6		%
Paint Filter Test	EPA 9095B:2004	NA	NA	Pass	Pass	Pass	Pass	PASS		-
Cyanide	HJ 745-2015	70	NA	85	70	70	70	ND		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	污水排放口	五日生化需氧量	50mg/L
DW001	污水排放口	色度	80
DW001	污水排放口	总磷 (以P计)	1.5mg/L
DW001	污水排放口	总锑	0.1mg/L
DW001	污水排放口	pH值	6-9
DW001	污水排放口	氨氮 (NH <sub>3</sub> -N)	20mg/L
DW001	污水排放口	可吸附有机卤素	12mg/L
DW001	污水排放口	化学需氧量	200mg/L
DW001	污水排放口	总氮 (以N计)	30mg/L
DW001	污水排放口	苯胺类	1.0mg/L
DW001	污水排放口	二氧化氯	0.5mg/L
DW001	污水排放口	硫化物	0.5mg/L
DW001	污水排放口	流量	/
DW001	污水排放口	悬浮物	100mg/L
主要排放口合计			CODcr
			氨氮
			总氮 (以N计)

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

Photo of sampling point  
09/04/2025, 10:10



**Untreated wastewater**

Photo of sample (labelled sample bottle)  
09/04/2025, 10:10



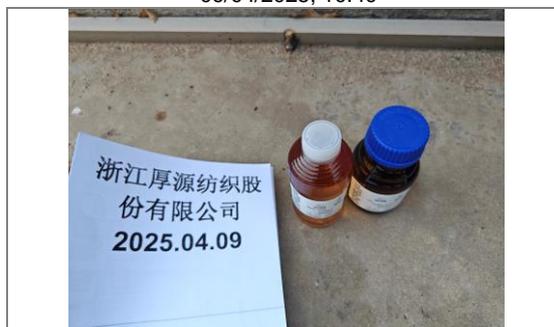
**Untreated wastewater**

Photo of sampling point  
09/04/2025, 10:40



**Effluent**

Photo of sample (labelled sample bottle)  
09/04/2025, 10:40



**Effluent**

Photo of persistent foam  
09/04/2025, 10:40



**Effluent**

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

Photo of sampling point  
09/04/2025, 11:00



**Sludge**

Photo of sample (labelled sample bottle)  
09/04/2025, 11:00



**Sludge**

Photo of sampling point  
09/04/2025, 11:15



**Incoming Water**

Photo of sample (labelled sample bottle)  
09/04/2025, 11:15



**Incoming Water**



Appendix C - Field Data Form

	<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.

Facility Information			
Date of Sampling:	2025.04.09		
Sample Number / Test Report Number (ZDHC Composite Sample Code):	66250991395		
Facility Name:	浙江厚源纺织股份有限公司		
Facility Address:	浙江嘉兴桐乡经济开发区新中路88号		
Facility Type (tick all applicable):	<input checked="" type="checkbox"/> Dyeing and Finishing <input type="checkbox"/> Fabric Mill <input type="checkbox"/> Laundry, Washing and Finishing <input type="checkbox"/> Natural Leather processing <input type="checkbox"/> Printing <input type="checkbox"/> Synthetic Leather processing <input type="checkbox"/> Other (please specify)		
Discharge Type (tick applicable):	<input type="checkbox"/> Direct discharge <input checked="" type="checkbox"/> Indirect discharge <input type="checkbox"/> Zero liquid discharge (ZLD)	<input checked="" type="checkbox"/> with pre-treatment <input type="checkbox"/> without pre-treatment <input checked="" type="checkbox"/> with own ETP	Other Notes:
Discharge Description:	<input type="checkbox"/> Discharge to environment (e.g. river, stream, sea etc.) <input type="checkbox"/> Other (please specify) <input checked="" type="checkbox"/> Sewage treatment plant		
Discharge Volume:	<input checked="" type="checkbox"/> ≤ 15m <sup>3</sup> per day <input type="checkbox"/> < 15m <sup>3</sup> per day		

Sample Type and Details			
Sample Type	Sample Details		
<input type="checkbox"/> Incoming Water			
<input checked="" type="checkbox"/> Untreated WW	<input checked="" type="checkbox"/> with equalisation tank (EQT) present: 调节池容量: 3000m <sup>3</sup> 进水流量: 4000m <sup>3</sup> Hydraulic Retention Time (HRT) (Hours):		
<input type="checkbox"/> Effluent	<input type="checkbox"/> Direct Enter sampling time(s) in page 2 and take field test measurements.	<input checked="" type="checkbox"/> Indirect Enter sampling time(s) in page 2. No field test measurements required except on client's request.	<input checked="" type="checkbox"/> with equalisation tank (EQT) present: 外排池容量 2700m <sup>3</sup> Hydraulic Retention Time (HRT) (Hours): = volume of tank (m <sup>3</sup> ) / flow rate (m <sup>3</sup> /h) if HRT > 12 h, grab sampling from EQT is allowed. 外排量: 2000m <sup>3</sup> 其它未用
<input type="checkbox"/> Sludge	Disposal Pathway (The pathway must be defined by the facility. If the facility cannot provide information, pathway "F" shall be assumed.) <input type="checkbox"/> A >100°C offsite incineration <input type="checkbox"/> B Landfill with significant control <input type="checkbox"/> C Building products processed >1000°C <input type="checkbox"/> D Landfill with limited control <input checked="" type="checkbox"/> E Incineration/ Building products processed <1000°C <input type="checkbox"/> F Landfill with no control <input type="checkbox"/> 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:	浙江厚源纺织股份有限公司	Sampler's Name/ Email:	沈磊
Facility Representative Name:	胡志军	Sampler's ZDHC Accredited No.:	1
Facility Representative Signature and Stamp:		Sampler's Signature:	
Date:	2025.4.9	Date:	2025.04.09



Appendix C - Field Data Form (Continue)

	<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

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: 9:20 Stop Time: 14:00  
 Sampling Locations: GPS coordinates: Lat.: N 20° 32' 35.79" Long.: E 120° 27' 25.18"  
 Sampling Mode:  Manual  Autosampler - Sampling Device Description/ Owner:  
 Sampling Time (Hours): 0 1 2 3 4 5 6 Average  
 Recording time of discrete sample: 11:15  
 Colour (visual estimation): 3.5 mg/L

**Untreated Sample Point**  
 Composite Sample  Grab Sample Start Time: 9:20 Stop Time: 14:00  
 Sampling Locations: GPS coordinates: Lat.: N 20° 32' 42.18" Long.: E 120° 27' 27.12"  
 Sampling Mode:  Manual  Autosampler - Sampling Device Description/ Owner:  
 Sampling Time (Hours): 0 1 2 3 4 5 6 Average  
 Recording time of discrete sample: 10:10  
 Colour (visual estimation): 3.5 mg/L

**Effluent Sample Point**  
 Composite Sample  Grab Sample Start Time: 9:20 Stop Time: 14:00  
 Sampling Locations: GPS coordinates: Lat.: N 20° 32' 42.18" Long.: E 120° 27' 25.65"  
 Sampling Mode:  Manual  Autosampler - Sampling Device Description/ Owner:  
 Sampling Time (Hours): 0 1 2 3 4 5 6 Average  
 Recording time of discrete sample: 10:40  
 Temperature (°C): WW Discharge: 35.3 Receiving Water:  
 pH: 7.7  
 Dissolved Oxygen (mg/L): 4.12  
 Total Chlorine (mg/L): 7.25

Persistent Foam (Yes/No):	Yes / No							
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Wastewater Flow Meter (L/min): 2000 m<sup>3</sup>/day

Alternate Measured Flow:	Depth (cm)	Velocity (cm/sec)
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Colour (visual estimation): 3.5 mg/L  
 Volume collected (L): 750 mL  
 Total volume collected (L): 750 mL Collect 3.33-litres each hour for a total minimum volume of 20-litres

**Sludge Sample Point**  
 Composite Sample Start Time: 9:20 Stop Time: 14:00  
 Sampling Locations: GPS coordinates: Lat.: N 20° 32' 39.79" Long.: E 120° 27' 25.58"  
 Sampling Mode:  Manual  Autosampler - Sampling Device Description/ Owner:  
 Sampling Time (Hours): 0 1 2 3 4 5 6 Average  
 Recording time of discrete sample: 11:00  
 Colour (visual estimation): 3.5 mg/L

Comments/ Other Observations

泥泥已清渣  
 总氮: 7.25 mg/L  
 颗粒物