TEST REPORT

Technical Report/技术报告: **(9321)085-0492** Apr 15, 2021
Date Received 收样时间: Mar 28, 2021 Page 1 of 26
2021 年 03 月 28 日

Factory Company Name: 公司名称:	LongXingLong Dyeing & Knitting Industry Co.,Ltd.Shishi 石狮市龙兴隆染织实业有限公司
Factory Address: 公司地址:	Jinshang Industrical Shishi City Fujian Province China 福建省石狮市锦尚工业区
Project No.: 项目编号:	N/A 不适用
Client Reference No.: 客户编号:	N/A 不适用
Sample Type: 样品类型:	Wastewater - Time-Weighted Composite Grab Samples* 废水 -时间加权复合抓取样本*
Sample Pick Up Date: 采样时间:	Mar 28, 2021 2021 年 03 月 28 日
Discharge Type: 排放类型:	Indirect Discharge 间接排放
Wastewater Discharge to: 污水排放至:	Centralized ETP 集中 ETP
Off-site ETP name (if applicable): 外部污水处理厂名称(如适用):	LvYuan HuanjingGongcheng Youxian Gongsi 绿源环境工程有限公司
Off-site ETP address (if applicable): 外部污水处理厂地址(如适用):	Jinshang Industrial Zone 锦尚工业区
Local Regulation: / Ordinance / requirements related to wastewater discharged are followed: 当地法规：遵守与废水排放相关的法令/要求：	Agreement 协议
On-Site Effluent Treatment Plant (ETP): 是否有内部污水厂:	No 否
Test Period: 测试周期:	Mar 28, 2021 to Apr 15, 2021 2021 年 03 月 28 日 至 2021 年 04 月 15 日
Testing Option: 测试选项:	Option 2 – Incoming Water, Raw / Untreated Wastewater 方案 2–进水、未经处理的废水

Sample Description:
样品描述:

I001) Transparent liquid 透明液体– Incoming Water 进水
I002) Black liquid 黑色液体– Raw Wastewater 原废水

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REMARK/备注

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若有任何疑问或咨询, 请联络:

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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.
此报告所示为特定工厂审核时收集的化学助剂和/或原材料样品的结果，此报告的结果不得用于任何遵循法规的目的。

* The sampling is agreed with client.
采样已经过客户允许

Coliform was subcontracted items.
大肠菌群为分包项目

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD.

NINA REN
SENIOR MANAGER

广州必维技术检测有限公司
报告专用章

Executive Summary

1A) Conventional Parameters 常规参数	I001	I002
Temperature 温度	NR	N/A
TSS 总溶解固体		■
COD 化学需氧量		■
Total-N 总氮		■
pH Value		■
Color [m^{-1}] (436nm; 525nm; 620nm)色度		N/A
BOD_5 五日生化需氧量		■
Ammonium-N 氨氮		□
Total-P 总磷		■
AOX 可吸附卤素		N/A
Oil and Grease 油和油脂		N/A
Phenol 挥发酚		N/A
Coliform 大肠菌群		N/A
Persistent Foam 可持续性泡沫		N/A
ANIONS – Cyanide 阴离子-氰化物		N/A
ANIONS – Sulfide 阴离子-硫化物		□
ANIONS – Sulfite 阴离子-亚硫酸盐		N/A
1B) Conventional Parameters –METALS 常规参数-金属	N/A	□

Note / Key :

- □ – Meet discharge license criteria/符合排放许可标准
- ■ – Exceeding discharge license criteria /超过排放许可标准
- NR – Not Requested / Not required/未要求测试
- N/A – Not Applicable 不适用

ZDHC MRSL Substances 生产限用物质	I001	I002
2A) APs and APEOs 烷基酚及烷基酚聚氧乙烯醚	NR	o
2B) Chlorobenzenes and Chlorotoluenes 氯苯和氯甲苯	NR	o
2C) Chlorophenols 氯化苯酚	NR	o
2D) Azo Dyes 偶氮染料	NR	o
2E) Carcinogenic Dyes 致癌染料	NR	o
2F) Disperse Dyes 分散染料	NR	o
2G) Flame Retardants 阻燃剂	NR	o
2H) Glycols 乙二醇类	NR	o
2I) Halogenated Solvents 卤代溶剂	NR	o
2J) Organotin Compounds 有机锡化合物	NR	o
2K) Perfluorinated and Polyfluorinated Chemicals 全氟和多氟化合物	NR	o
2L) Phthalates 邻苯二甲酸盐	NR	o
2M) Poly Aromatic Hydrocarbons 多环芳烃	NR	o
2N) Volatile Organic Compounds 挥发性有机物	NR	o

Note / Key :

- • – Detected/有检出
- o – Not Detected/未检出
- NR – Not Requested/未要求测试

Objective

The environment samples were tested for below parameters.

1A) Conventional Parameters/常规参数
1B) Conventional Parameters – METALS/常规参数——重金属
2A) APs and APEOs/烷基酚及烷基酚聚氧乙烯醚
2B) Chlorobenzenes and Chlorotoluenes/氯苯和氯甲苯
2C) Chlorophenols/氯化苯酚
2D) Azo Dyes/偶氮染料
2E) Carcinogenic Dyes/致癌染料
2F) Disperse Dyes/分散染料
2G) Flame Retardants/阻燃剂
2H) Glycols/乙二醇类
2I) Halogenated Solvents/卤化溶剂
2J) Organotin Compounds/有机锡化合物
2K) Perfluorinated and Polyfluorinated Chemicals/全氟和多氟化合物
2L) Phthalates/邻苯二甲酸盐
2M) Poly Aromatic Hydrocarbons/多环芳烃
2N) Volatile Organic Compounds/挥发性有机物

Sampling Plan

Basically, two environment samples were sampled per factory, including 1) Incoming water; 2) Discharged Wastewater (raw wastewater). Total number of sample collected will be depended on the actual factory facilities and manufacturing processes.
每个工厂需采集的样品主要有两种 1)进水 2) 排放废水（原废水）。具体每种样品采集数量需根据工厂实际的生产设施和生产流程来决定。

Method of sampling used is time-weighted composite grab samples (agreed with client.). Composite sampling shall be performed for no less than six hours, with no more than one hour between discrete samples. Each discrete sample shall be of equal volume. Wastewater and freshwater samples should, as much as possible, be collected simultaneously, during the time that PU is in normal operation. The sampling shall aim to analyse the snapshot of water quality characteristics of the operating PU. Under no circumstance shall samples be taken during times when the production process is not running or the wastewater is diluted due to heavy rainfall, etc.
采样方法是时间加权混合取样法(经客户同意)。混合取样法必须不能少于 6 小时，每次取样间隔不超过 1 小时，每次取样需要等体积。采样的目的是为了看到工厂在实际运行状态下水质的特点。而当处于生产流程没有运行或废水被大雨所稀释等情况下时不应采集样品

Remark :

- Sampling procedure is with reference to below standards/ 采样参考标准流程如下:
  1) South Australia EPA Guidelines (June 2007), Regulatory Monitoring and Testing Water and Wastewater Sampling.
  2) Australia EPA (Victoria) Guideline (June 2009), Sampling and Analysis of Waters, Wastewaters, Soils and Wastes.
  3) ISO 5667-3:2003, Water Quality - Sampling - Part 3: Guidance on the Preservation and Handling of Water Samples.
  4) ASTM D3976-92 (Reapproved 2010), Standard Practice for Preparation of Sediment Samples for Chemical Analysis.
- Field data records are attached in Appendix B. 现场记录见附录 B
- Field on-site photos are attached in Appendix A and field data records are attached in Appendix C.
  现场照片见附录 A，现场数据记录参加附录 C

Test Result 测试结果

1A) Conventional Parameters/常规参数

Temperature/温度

Test Method : Measurement by thermometer GB/T 13195-1991
测试方法 由温度计测量 GB/T 13195-1991

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	42.4	deg. C 摄氏度	DATA

Note:

deg. C = degree Celsius (°C)/摄氏度
Discharge License Criteria/排放标准: Not applicable

Total Suspended Solids (TSS) / 总悬浮固体

Test Method : Reference to GB/T 11901-1989
测试方法 参考 GB/T 11901-1989

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	2830 (Not comply with discharge license/ 不符合排放许可)	mg/L	DATA

Note 注释:

mg/L = milligram per liter 毫克/升
Discharge License Criteria/排放标准: Agreement: 100 mg/L

Chemical Oxygen Demand (COD)化学需氧量

Test Method : Reference to HJ828-2017
测试方法 参考 HJ828-2017

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	7860 (Not comply with discharge license/ 不符合排放许可)	mg/L 毫克/升	DATA

Note 注释:

mg/L = milligram per liter 毫克每升
Discharge License Criteria/排放标准: Agreement: 500 mg/L

Total Nitrogen (Total-N)/总氮

Test Method : Reference to HJ 636-2012
测试方法 参考 HJ 636-2012

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	114 (Not comply with discharge license/ 不符合排放许可)	mg/L 毫克/升	DATA

Note 注释:

mg/L = milligram per liter
Discharge License Criteria/排放标准: Agreement: 30 mg/L

pH Value 酸碱度

Test Method : Reference to GB/T 6920-1986
测试方法 参考 GB/T 6920-1986

-	Unit	Result
Test Item(s) 测试项目	-	I002
Parameter 参数	-	-
Temp. of sample 样品温度	deg. C	42.4
pH value of sample 样品酸碱度	-	11.85 (Not comply with discharge license/ 不符合排放许可)
Conclusion 结论	-	DATA

Note 注释:

Temp. = Temperature/温度 deg. C = degree Celsius (°C)/摄氏度
Discharge License Criteria/排放标准: Agreement: 6-9

Color [m^{-1}] (436nm; 525nm; 620nm) 色度

Test Method : With reference to ISO 7887-B-2011
测试方法 参考 ISO 7887-B-2011

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	63.2;16.0;6.8	m^{-1}	DATA

Note 注释:
Discharge License Criteria/排放标准: Not applicable

Biochemical Oxygen Demand (BOD_5)五日生化需氧量

Test Method : Reference to HJ 505-2009
测试方法 参考 HJ 505-2009

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	2300 (Not comply with discharge license/ 不符合排放许可)	mg/L 毫克/升	DATA

Note 注释:

mg/L = milligram per liter/毫克每升
Discharge License Criteria/排放标准: Agreement: 150 mg/L

Ammonium Nitrogen 氨氮

Test Method : Reference to HJ 535-2009
测试方法 参考 HJ 535-2009

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	14.4 (Comply with discharge license/ 符合排放许可)	mg/L 毫克/升	DATA

Note 注释:

mg/L = milligram per liter/毫克每升
Discharge License Criteria/排放标准: Agreement: 20 mg/L

Total Phosphorus (Total-P)总磷

Test Method : Reference to GB/T 11893-1989
测试方法 参考 GB/T 11893-1989

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	31.4 (Not comply with discharge license/ 不符合排放许可)	mg/L 毫克/升	DATA

Note 注释:

mg/L = milligram per liter/毫克每升
Discharge License Criteria/排放标准: Agreement: 1.5 mg/L

Adsorbable Organic Halogen (AOX) 可吸附有机卤化物

Test Method : Reference to HJ/T 83-2001
测试方法 参考 HJ/T 83-2001

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	0.056	mg/L 毫克/升	DATA

Note 注释:

mg/L = milligram per liter/毫克每升
Discharge License Criteria/排放标准: Not applicable

Oil and Grease 油和油脂

Test Method : Reference to HJ 637-2018
测试方法 参考 HJ 637 -2018

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	3.77	mg/L 毫克/升	DATA

Note 注释:

mg/L = milligram per liter/毫克每升
Discharge License Criteria/排放标准: Not applicable

Phenol 挥发酚

Test Method : Reference to HJ 503-2009
测试方法 参考 HJ 503-2009

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	0.0012	mg/L 毫克/升	DATA

Note 注释:

mg/L = milligram per liter/毫克每升
Discharge License Criteria/排放标准: Not applicable

Coliform 大肠菌群

Test Method : Reference to GB/T 5750.12-2006
测试方法 参考 GB/T 5750.12-2006

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	Not Detected	bacteria/ 100 mL 细菌数/100 毫升	DATA

Note 注释:

bacteria/100 mL = bacteria per 100 milliliters/每 100 毫升细菌数
Discharge License Criteria/排放标准: Not applicable

Persistent Foam 可持续性泡沫

Test Method : Visual
测试方法 目测

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	No foam 无泡沫	-	DATA

Discharge License Criteria/排放标准: Not applicable

ANIONS – Cyanide 阴离子-氰化物

Test Method : Reference to HJ 484 -2009
测试方法 参考 HJ 484-2009

Tested Item(s) 测试项目	Result 结果	Unit 单位	Conclusion 结论
I002	<0.02	mg/L	DATA

Note 注释:

mg/L = milligram per liter/毫克每升
Discharge License Criteria/排放标准: Not applicable

ANIONS - Sulfide 阴离子-硫化物

Test Method : Reference to GB/T 16489 -1996
测试方法 参考 GB/T 16489 -1996

Tested Item(s) **测试项目**	**Result** **结果**	**Unit** **单位**	**Conclusion** **结论**
I001	<0.005	mg/L 毫克/升	DATA
I002	0.006 (Comply with discharge license/ 符合排放许可)	mg/L 毫克/升	DATA

Note 注释:

mg/L = milligram per liter/毫克每升
Discharge License Criteria/排放标准: Agreement: 0.5 mg/L

ANIONS - Sulfite 阴离子-亚硫酸盐

Test Method : Reference to HJ 84-2016
测试方法 参考 HJ 84-2016

Tested Item(s) **测试项目**	**Result** **结果**	**Unit** **单位**	**Conclusion** **结论**
I001	<0.046	mg/L 毫克/升	DATA
I002	41.9	mg/L 毫克/升	DATA

Note 注释:

mg/L = milligram per liter/毫克每升
Discharge License Criteria/排放标准: Not applicable

1B) Conventional Parameters – METALS 常规参数-重金属

Heavy Metals/重金属	**I001 (mg/L)毫克/升**	**I002(mg/L)毫克/升**
Antimony(Sb) 锑 Discharge License Criteri 排放许可标准: Agreement: 0.1 mg/L	ND	0.047 (Comply with discharge license/ 符合排放许可)
Chromium(Cr), total 总铬 Discharge License Criteri 排放许可标准: Not applicable	ND	0.338
Cobalt(Co) 钴 Discharge License Criteri 排放许可标准: Not applicable	ND	0.031
Copper(Cu) 铜 Discharge License Criteri 排放许可标准: Not applicable	ND	0.116
Nickel (Ni) 镍 Discharge License Criteri 排放许可标准: Not applicable	ND	0.008
Silver (Ag) 银 Discharge License Criteri 排放许可标准: Not applicable	ND	ND
Zinc(Zn) 锌 Discharge License Criteri 排放许可标准: Not applicable	ND	0.184
Arsenic (As) 砷 Discharge License Criteri 排放许可标准: Not applicable	ND	0.009
Cadmium(Cd) 镉 Discharge License Criteri 排放许可标准: Not applicable	ND	0.0002
Chromium VI(CrVI) 六价铬 Discharge License Criteri 排放许可标准: Not applicable	ND	ND
Lead(Pb) 铅 Discharge License Criteri 排放许可标准: Not applicable	ND	0.004
Mercury (Hg) 汞 Discharge License Criteri 排放许可标准: Not applicable	ND	0.00048

Others Priority Chemical Groups 其他优先化学物质

	I001 (µg/L/微克/升)	**I002 (µg/L/ 微克/升)**
2A) APs and APEOs/ 烷基酚及烷基酚聚氧乙烯醚	NR	ND
2B) Chlorobenzenes and Chlorotoluenes/ 氯化苯和氯甲苯	NR	ND
2C) Chlorophenols/氯酚	NR	ND
2D) Azo Dyes/偶氮染料	NR	ND
2E) Carcinogenic Dyes/致癌染料	NR	ND
2F) Disperse Dyes/分散染料	NR	ND
2G) Flame Retardants/阻燃剂	NR	ND
2H) Glycols/乙二醇	NR	ND
2I) Halogenated Solvents/卤化溶剂	NR	ND
2J) Organotin Compounds/有机锡化合物	NR	ND
2K) Perfluorinated and Polyfluorinated Chemicals/全氟化合物和多氟化合物	NR	ND
2L) Phthalates/邻苯二甲酸盐	NR	ND
2M) Poly Aromatic Hydrocarbons/多环芳香烃	NR	ND
2N) Volatile Organic Compounds /挥发性有机化合物	NR	ND

Remark/备注：

- Test method, reporting limit and list of chemical are summarized in tables of Appendix B.
  测试方法，限量值和化学列表在附录 B 中
- ND = Not detected (Please refer to reporting limit shown in Appendix B.).
  ND=未检出(请参考附录 B 中的报告限量值)
- All results are in ppb as unit.
  所有结果以 ppb 为单位
- ppm = part(s) per million; ppb = part(s) per billion.
  ppm = 百万分之一; ppb = 十亿分之一
- NR – Not Requested / Not required/未要求测试
- The testing report without CMA logo is solely intended for the exclusive internal use of specific client, which does not serve as a certification in Chinese society.
  未有 CMA 标识的测试报告仅供特定委托方内部使用, 其在中国境内不具有对社会的证明作用.

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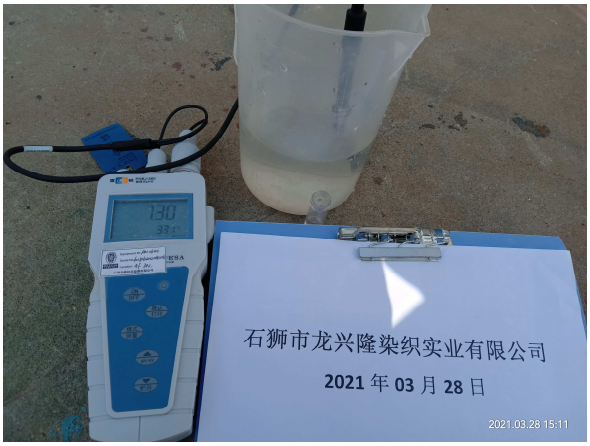
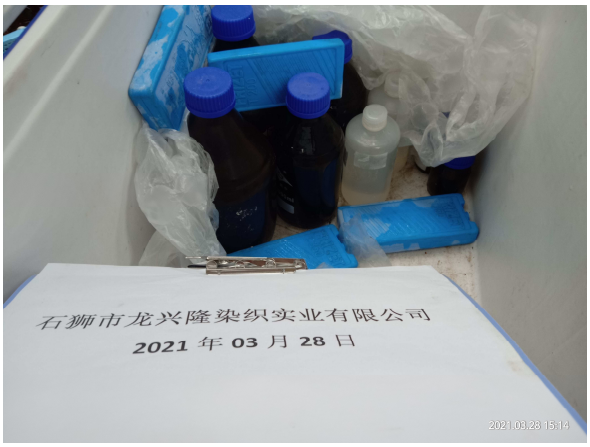
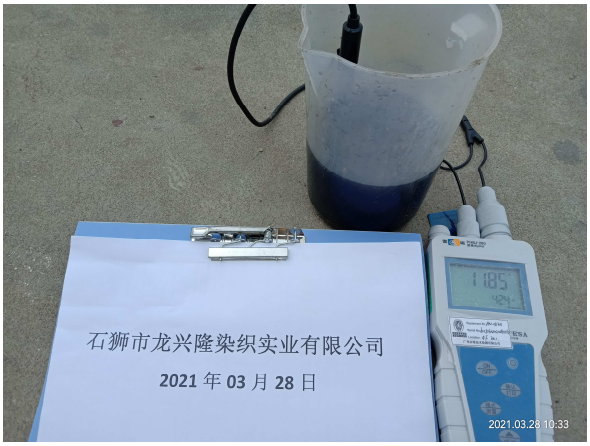
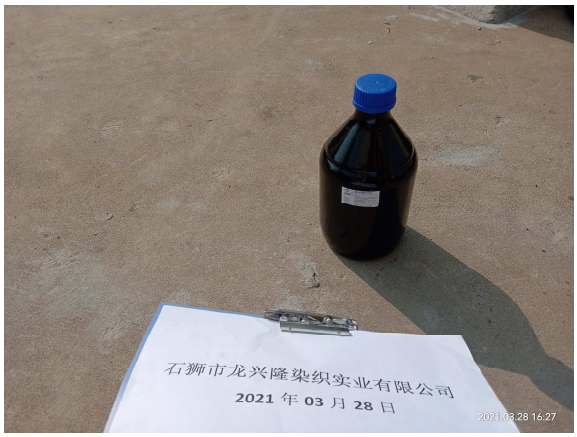
-END-
-结束-

APPENDIX A - Photo of the Sample/ Sampling Location
样品照片/取样地照片

I001) Sampling Point 取样点 N 24° 43’ 08” E 118° 43’ 27”  	I001) Sampling Point Surrounding Environment 取样点周围环境 N 24° 43’ 08” E 118° 43’ 27” 
I001) All sampled bottles with label 全部带标签的取样瓶  	I001) pH value pH 值 

I001) Sample for Phthalate Testing 邻苯测试样品 	I001) Packaging 包装 
I002) Sampling Point 取样点 N 24º 43’ 06” E 118º 43’ 27” 	I002) Sampling Point Surrounding Environment 取样点周围环境 N 24º 43’ 06” E 118º 43’ 27” 

I002) All sampled bottles with label 全部带标签的取样瓶 	I002) pH value pH 值 
I002) Sample for Phthalate Testing 邻苯测试样品 	I002) Packaging 包装 

APPENDIX B/附录 B

Group /组别	Substance (Testing parameter)/ 物质（测试参数）	CAS No./ 化学物质登记号	Report Limit 报告检出限		Name of the testing method/测试方法名称
			Wastewater (ug/L)/(ppb)	Sludge (mg/kg) /(ppm)	
2A. Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers	Nonylphenol NP, mixed isomers	Various (incl. 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3)	5	0.4	NP/OP: ISO 18857-2 (modified dichloromethane extraction) or ASTM D7065 (GC/MS or LC/MS(-MS) OPEO/NPEO: ISO18857-2 or ASTM D7065(LC/MS; GC/MS or LC/MSMS for n=1,2) APEO 1-18
	Octylphenol OP, mixed isomers	Various (incl. 140-66-9, 1806-26-4, 27193-28-8)	5	0.4	
	Octylphenol ethoxylates (OPEO)	Various (incl. 9002-93-1, 9036-19-5, 68987-90-6)	5	0.4	
	Nonylphenol ethoxylates (NPEO)	Various (inc. 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0)	5	0.4	
2B. Chlorobenzenes and Chlorotoluenes	Monochlorobenzene	108-90-7	0.2	0.2	USEPA 8260B,8270D. Dichloromethane extraction followed by GC/MS
	1,2-Dichlorobenzene	95-50-1	0.2	0.2	
	1,3-Dichlorobenzene	541-73-1	0.2	0.2	
	1,4-Dichlorobenzene	106-46-7	0.2	0.2	
	1,2,3-Trichlorobenzene	87-61-6	0.2	0.2	
	1,2,4-Trichlorobenzene	120-82-1	0.2	0.2	
	1,3,5-Trichlorobenzene	108-70-3	0.2	0.2	
	1,2,3,4-Tetrachlorobenzene	634-66-2	0.2	0.2	
	1,2,3,5-Tetraclorobenzene	634-90-2	0.2	0.2	
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.2	0.2	
	Pentachlorobenzene	608-93-5	0.2	0.2	
	Hexachlorobenzene	118-74-1	0.2	0.2	
	2-Chlorotoluene	95-49-8	0.2	0.2	
	3-Chlorotoluene	108-41-8	0.2	0.2	
	4-Chlorotoluene	106-43-4	0.2	0.2	
	2,3-Dichlorotoluene	32768-54-0	0.2	0.2	
	2,4-Dichlorotoluene	95-73-8	0.2	0.2	
	2,5-Dichlorotoluene	19398-61-9	0.2	0.2	
	2,6-Dichlorotoluene	118-69-4	0.2	0.2	
	3,4-Dichlorotoluene	95-75-0	0.2	0.2	
	3,5-Dichlorotoluene	25186-47-4	0.2	0.2	
	2,3,4-Trichlorotoluene	7359-72-0	0.2	0.2	
	2,3,6-Trichlorotoluene	2077-46-5	0.2	0.2	
	2,4,5-Trichlorotoluene	6639-30-1	0.2	0.2	
	2,4,6-Trichlorotoluene	23749-65-7	0.2	0.2	
	3,4,5-Trichlorotoluene	21472-86-6	0.2	0.2	
	2,3,4,5-Tetrachlorotoluene	76057-12-0	0.2	0.2	
	2,3,5,6-Tetrachlorotoluene	29733-70-8	0.2	0.2	
	2,3,4,6-Tetrachlorotoluene	875-40-1	0.2	0.2	
	Pentachlorotoluene	877-11-2	0.2	0.2	
2C. Chlorophenols	2-Chlorophenol	95-57-8	0.5	0.05	USEPA 8270 D Solvent extraction, derivatisation with KOH, acetic anhydride followed by GC/MS
	3-Chlorophenol	108-43-0	0.5	0.05	
	4-Chlorophenol	106-48-9	0.5	0.05	
	2,3-Dichlorophenol	576-24-9	0.5	0.05	
	2,4-Dichlorophenol	120-83-2	0.5	0.05	

Group /组别	Substance (Testing parameter)/ 物质（测试参数）	CAS No./ 化学物质登记号	Report Limit 报告检出限		Name of the testing method/测试方法名称
			Wastewater (ug/L)/(ppb)	Sludge (mg/kg)/(ppm)	
	2,5-Dichlorophenol	583-78-8	0.5	0.05	
	2,6-Dichlorophenol	87-65-0	0.5	0.05	
	3,4-Dichlorophenol	95-77-2	0.5	0.05	
	3,5-Dichlorophenol	591-35-5	0.5	0.05	
	2,3,4-Trichlorophenol	15950-66-0	0.5	0.05	
	2,3,5-Trichlorophenol	933-78-8	0.5	0.05	
	2,3,6-Trichlorophenol	933-75-5	0.5	0.05	
	2,4,5-Trichlorophenol	95-95-4	0.5	0.05	
	2,4,6-Trichlorophenol	88-06-2	0.5	0.05	
	3,4,5-Trichlorophenol	609-19-8	0.5	0.05	
	2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	0.05	
	2,3,4,6-Tetrachlorophenol	58-90-2	0.5	0.05	
	2,3,5,6-Tetrachlorophenol	935-95-5	0.5	0.05	
	Pentachlorophenol (PCP)	87-86-5	0.5	0.05	
2D. Dyes - Azo (Forming Restricted Amines)	4,4`-Methylene-bis-(2-chloro-aniline)	101-14-4	0.1	0.2	EN 14362. Reduction step with Sodiumdithionite, solvent extraction, GC/MS or LC/MS
	4,4'-methylenedianiline	101-77-9	0.1	0.2	
	4,4`-Oxydianiline	101-80-4	0.1	0.2	
	4-Chloroaniline	106-47-8	0.1	0.2	
	3,3`-Dimethoxybenzidine	119-90-4	0.1	0.2	
	3,3`-Dimethylbenzidine	119-93-7	0.1	0.2	
	6-methoxy-m-toluidine (p-Cresidine)	120-71-8	0.1	0.2	
	2,4,5-Trimethylaniline	137-17-7	0.1	0.2	
	4,4`-Thiodianiline	139-65-1	0.1	0.2	
	4-Aminoazobenzene	60-09-3	0.1	0.2	
	4-Methoxy-m-phenylenediamine	615-05-4	0.1	0.2	
	4,4`-Methylene-di-o-toluidine	838-88-0	0.1	0.2	
	2,6-Xylidine	87-62-7	0.1	0.2	
	o-Anisidine	90-04-0	0.1	0.2	
	2-Naphthylamine	91-59-8	0.1	0.2	
	3,3`-Dichlorobenzidine	91-94-1	0.1	0.2	
	4-Aminodiphenyl	92-67-1	0.1	0.2	
	Benzidine	92-87-5	0.1	0.2	
	o-Toluidine	95-53-4	0.1	0.2	
	2,4-Xylidine	95-68-1	0.1	0.2	
	4-Chloro-o-toluidine	95-69-2	0.1	0.2	
	4-Methyl-m-phenylenediamine	95-80-7	0.1	0.2	
	o-Aminoazotoluene	97-56-3	0.1	0.2	
	5-nitro-o-toluidine	99-55-8	0.1	0.2	
2E. Dyes-Carcionogenic or Equivalent Concern	C.I. Direct Black 38	1937-37-7	500	10	Liquid Extraction LC/MS
	C.I. Direct Blue 6	2602-46-2	500	10	
	C.I. Acid Red 26	3761-53-3	500	10	
	C.I. Basic Red 9	569-61-9	500	10	
	C.I. Direct Red 28	573-58-0	500	10	
	C.I. Basic Violet 14	632-99-5	500	10	
	C.I. Disperse Blue 1	2475-45-8	500	10	
	C.I. Disperse Blue 3	2475-46-9	500	10	
	C.I. Basic Blue 26 (with	2580-56-5	500	10	

Group /组别	Substance (Testing parameter)/ 物质（测试参数）	CAS No./ 化学物质登记号	Report Limit 报告检出限		Name of the testing method/测试方法名称
			Wastewater (ug/L)/(ppb)	Sludge (mg/kg)/(ppm)	
	Michler's Ketone > 0.1%)				
	C.I. Basic Green 4 (malachite green chloride)	569-64-2	500	10	
	C.I. Basic Green 4 (malachite green oxalate)	2437-29-8	500	10	
	C.I. Basic Green 4(malachite green)	10309-95-2	500	10	
	Disperse Orange 11	82-28-0	500	10	
2F. Dyes-disperse (sensitizing)	Disperse Yellow 1	119-15-3	50	2	Liquid Extraction LC/MS
	Disperse Blue 102	12222-97-8	50	2	
	Disperse Blue 106	12223-01-7	50	2	
	Disperse Yellow 39	12236-29-2	50	2	
	Disperse Orange 37/59/76	13301-61-6	50	2	
	Disperse Brown 1	23355-64-8	50	2	
	Disperse Orange 1	2581-69-3	50	2	
	Disperse Yellow 3	2832-40-8	50	2	
	Disperse Red 11	2872-48-2	50	2	
	Disperse Red 1	2872-52-8	50	2	
	Disperse Red 17	3179-89-3	50	2	
	Disperse Blue 7	3179-90-6	50	2	
	Disperse Blue 26	3860-63-7	50	2	
	Disperse Yellow 49	54824-37-2	50	2	
	Disperse Blue 35	12222-75-2	50	2	
	Disperse Blue 124	61951-51-7	50	2	
	Disperse Yellow 9	6373-73-5	50	2	
	Disperse Orange 3	730-40-5	50	2	
	Disperse Blue 35	56524-77-7	50	2	
2G. Flame Retardants	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	5	1	ISO 22032, USEPA527 and USEPA8321B. Dichloromethane extraction GC/MS or LC/MS(-MS)
	Decabromodiphenyl ether (DecaBDE)	1163-19-5	5	1	
	Tris(2,3-dibromopropyl) phosphate (TRIS/TDBPP)	126-72-7	5	1	
	Pentabromodiphenyl ether (PentaBDE)	32534-81-9	5	1	
	Octabromodiphenyl ether (OctaBDE)	32536-52-0	5	1	
	Bis(2,3-dibromopropyl) phosphate (BIS/BDBPP)	5412-25-9	5	1	
	Tris(aziridinyl)-phosphineoxide (TEPA)	545-55-1	5	1	
	Polybromobiphenyls (PBBs)	59536-65-1	5	1	
	Tetrabromobisphenol A (TBBPA)	79-94-7	5	1	
	Hexabromocyclododecane (HBCDD)	3194-55-6	5	1	
	2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	5	1	
	Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	5	1	
	Short chain chlorinated	85535-84-8	5	1	

Group /组别	Substance (Testing parameter)/ 物质（测试参数）	CAS No./ 化学物质登记号	Report Limit 报告检出限		Name of the testing method/测试方法名称
			Wastewater (ug/L)/(ppb)	Sludge (mg/kg)/(ppm)	
	paraffins (SCCPs) (C10-C13)				
2H. Glycols	Bis(2-methoxyethyl)-ether	111-96-6	50	10	US EPA 8270 Liquid Extraction LC/MS
	2-ethoxyethanol	110-80-5	50	10	
	2-ethoxyethyl acetate	111-15-9	50	10	
	Ethylene glycol dimethyl ether	110-71-4	50	10	
	2-methoxyethanol	109-86-4	50	10	
	2-methoxyethylacetate	110-49-6	50	10	
	2-methoxypropylacetate	70657-70-4	50	10	
	Triethylene glycol dimethyl ether	112-49-2	50	10	
2I. Halogenated Solvents	1,2-Dichloroethane	107-06-2	1	2	USEPA 8260B Headspace GC/MS or Purgeand-Trap-GC/MS
	Methylene Chloride	75-09-2	1	2	
	Trichloroethylene	79-01-6	1	2	
	Tetrachloroethylene	127-18-4	1	2	
2J. Organotin Compounds	Mono-, di- and tri-methyltin derivatives	Multiple	0.01	0.2	ISO 17353 Derivatisation with NaB(C2H5) GC/MS
	Mono-, di- and tri-butyltin derivatives	Multiple	0.01	0.2	
	Mono-, di- and tri-phenyltin derivatives	Multiple	0.01	0.2	
	Mono-, di- and tri-octyltin derivatives	Multiple	0.01	0.2	
	Monomethyltin	Multiple	0.01	0.2	
	Dimethyltin	Multiple	0.01	0.2	
	Trimethyltin	Multiple	0.01	0.2	
	Monobutyltin	Multiple	0.01	0.2	
	Dibutyltin	Multiple	0.01	0.2	
	Tributyltin	Multiple	0.01	0.2	
	Monophenyltin	Multiple	0.01	0.2	
	Diphenyltin	Multiple	0.01	0.2	
	Triphenyltin	Multiple	0.01	0.2	
	Monooctyltin	Multiple	0.01	0.2	
	Dioctyltin	Multiple	0.01	0.2	
	Trioctyltin	Multiple	0.01	0.2	
2K. Perfluorinated and Polyfluorinated Chemicals (PFCs)	Perfluorooctanesulfonic acid (PFOS)	355-46-4 ,432-50-7	0.01	0.10	DIN 38407-42 (modified) Ionic PFC: Concentration or direct injection, LC/MS(-MS); Non-ionic PFC (FTOH): derivatisation with acetic anhydride, followed by GC/MS
	Perfluoro-n-octanoic acid (PFOA)	335-67-1	0.01	0.10	
	Perfluorobutanesulfonic acid (PFBS)	29420-49-3, 29420-43-3	0.01	0.10	
	Perfluoro-n-hexanoic acid (PFHxA)	307-24-4	0.01	0.10	
	8:2 FTOH	678-39-7	1	1	
	6:2 FTOH	647-42-7	1	1	
2L. Phthalates (including all other esthers of phthalic acid)	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	2	US EPA 8270D, ISO 18856 Dichloromethane extraction GC/MS
	Dimethoxyethyl phthalate (DMEP)	117-82-8	10	2	
	Di-n-octyl phthalate (DNOP)	117-84-0	10	2	

Group /组别	Substance (Testing parameter)/ 物质（测试参数）	CAS No./ 化学物质登记号	Report Limit 报告检出限		Name of the testing method/测试方法名称
			Wastewater (ug/L)/(ppb)	Sludge (mg/kg)/(ppm)	
	Di-iso-decyl phthalate (DIDP)	26761-40-0	10	2	
	Di-iso-nonyl phthalate (DINP)	28553-12-0	10	2	
	Di-n-hexyl phthalate (DnHP)	84-75-3	10	2	
	Dibutyl phthalate (DBP)	84-74-2	10	2	
	Butyl benzyl phthalate (BBP)	85-68-7	10	2	
	Dinonyl phthalate (DNP)	84-76-4	10	2	
	Diethyl phthalate (DEP)	84-66-2	10	2	
	Di-n-propyl phthalate (DPRP)	131-16-8	10	2	
	Di-iso-butyl phthalate (DIBP)	84-69-5	10	2	
	Di-cyclohexyl phthalate (DCHP)	84-61-7	10	2	
	Di-iso-octyl phthalate (DIOP)	27554-26-3	10	2	
	1,2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP)	68515-42-4	10	2	
	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	10	2	
2M. Poly Aromatic Hydrocarbons (PaHs)	Benzo[a]pyrene (BaP)	50-32-8	1	0.2	DIN 38407-39 Solvent extraction GC/MS
	Anthracene	120-12-7	1	0.2	
	Pyrene	129-00-0	1	0.2	
	Benzo[ghi]perylene	191-24-2	1	0.2	
	Benzo[e]pyrene	192-97-2	1	0.2	
	Indeno[1,2,3-cd]pyrene	193-39-5	1	0.2	
	Benzo[j]fluoranthene	205-82-3	1	0.2	
	Benzo[b]fluoranthene	205-99-2	1	0.2	
	Fluoranthene	206-44-0	1	0.2	
	Benzo[k]fluoranthene	207-08-9	1	0.2	
	Acenaphthylene	208-96-8	1	0.2	
	Chrysene	218-01-9	1	0.2	
	Dibenz[a,h]anthracene	53-70-3	1	0.2	
	Benzo[a]anthracene	56-55-3	1	0.2	
	Acenaphthene	83-32-9	1	0.2	
	Phenanthrene	85-01-8	1	0.2	
	Fluorene	86-73-7	1	0.2	
	Naphthalene	91-20-3	1	0.2	
2N. Volatile Organic Compound (VOCs)	Benzene	71-43-2	1	2	ISO 11423-1 Headspace- or Purge-and-Trap-GC/MS
	Xylene	1330-20-7	1	2	
	o-cresol	95-48-7	1	2	
	p-cresol	106-44-5	1	2	
	m-cresol	108-39-4	1	2	
1A. Conventional Parameters	Temperature	—	N/A	N/A	Apply the standard methods that best apply
	TSS	—	N/A	N/A	

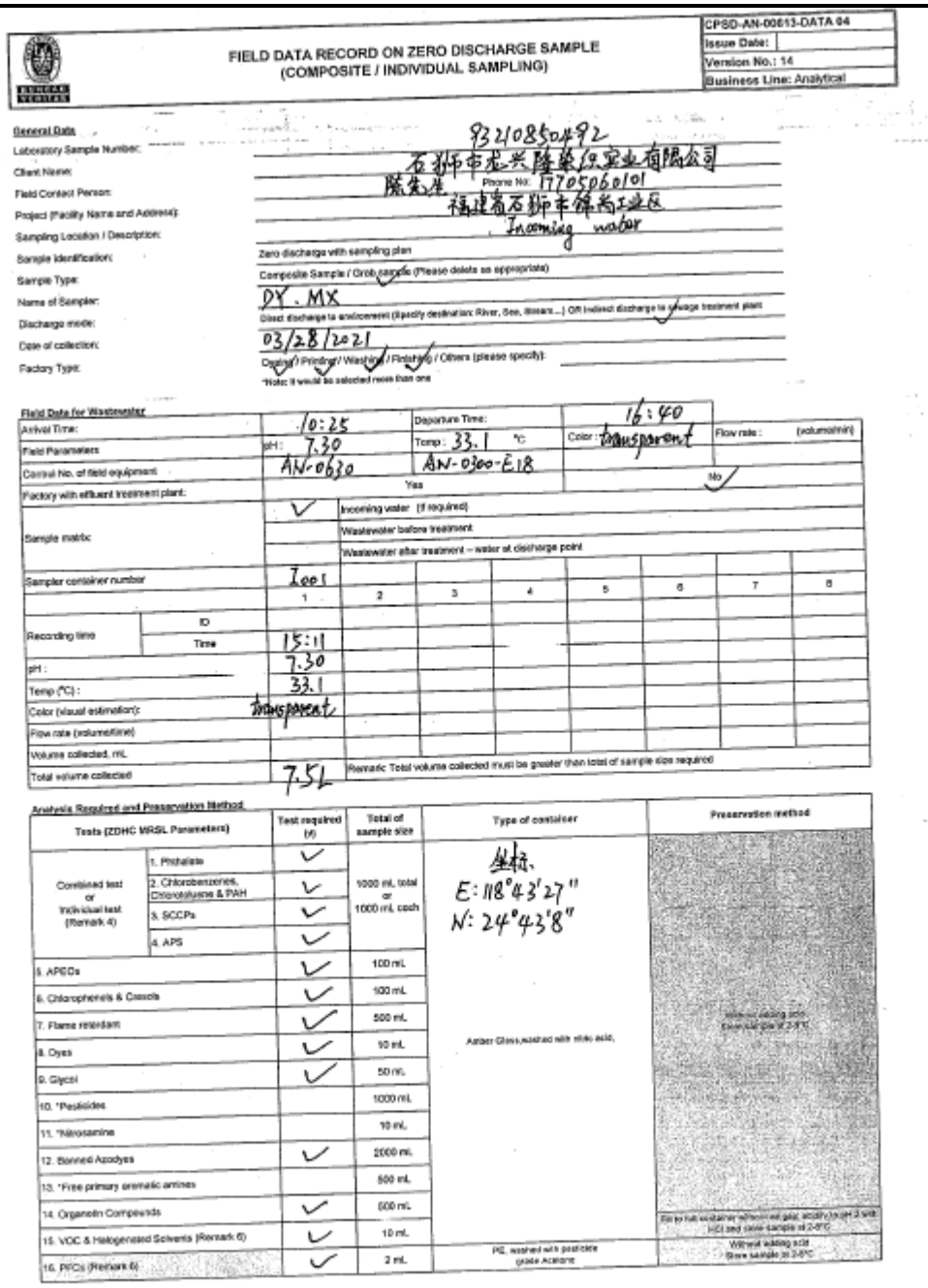
Group /组别	Substance (Testing parameter)/ 物质（测试参数）	CAS No./ 化学物质登记号	Report Limit 报告检出限		Name of the testing method/测试方法名称
			Wastewater (ug/L)/(ppb)	Sludge (mg/kg) /(ppm)	
	COD	—	N/A	N/A	to the region (ISO, EU, US, China), please refer to ZDHC Wastewater Guidelines for more details on the testing method and the levels (Foundational, Progressive, and Aspirational). Cyanide: With reference to APHA 4500 CN—B,C&E and followed by UV analysis
	Total-N	—	N/A	N/A	
	pH	—	N/A	N/A	
	Color [m^{-1}] (436nm; 525nm; 620nm)	—	N/A	N/A	
	BOD5	—	N/A	N/A	
	Ammonium-N	—	N/A	N/A	
	Total-P	—	N/A	N/A	
	AoX	—	N/A	N/A	
	Oil and Grease	—	N/A	N/A	
	Phenol	—	N/A	N/A	
	Coliform(bacteria/100ml)	—	N/A	N/A	
	Persistent Foam	—	Not visible	Not visible	
	ANIONS				
	Cyanide(CN-)	Various (incl. 57-12-5)	0.02	1	
	Sulfide	—	N/A	N/A	
	Sulfite	—	N/A	N/A	

Group	Substance (Testing parameter)	CAS No.	Report Limit		Name of the testing method
			Wastewater (mg/L) / (ppm)	Wastewater (mg/kg) / (ppm)	
1B. Conventional Parameters - **METALS**	Antimony(Sb)	7440-36-0	0.001	N/A	Various Acid Digestion with ICP analysis please refer to ZDHC Wastewater Guidelines for more details on the testing method and the levels (Foundational, Progressive, and Aspirational). Cr(VI): Various Solvent extraction and derivatisation followed by UV analysis
	Chromium(Cr), total	7440-47-3	0.001	N/A	
	Cobalt(Co)	7440-48-4	0.001	N/A	
	Copper(Cu)	7440-50-8	0.001	N/A	
	Nickel (Ni)	7440-02-0	0.001	N/A	
	Silver (Ag)	7440-22-4	0.001	N/A	
	Zinc(Zn)	7440-66-6	0.001	N/A	
	Arsenic (As)	7440-38-2	0.001	2	
	Cadmium(Cd)	7440-43-9	0.0001	2	
	Chromium VI(CrVI)	18540-29-9	0.001	2	
	Lead(Pb)	7439-92-1	0.001	2	
	Mercury (Hg)	7439-97-6	0.00005	0.2	

Note / Key :

ppm = part(s) per million; ppb = part(s) per billion
U. S. EPA = United States Environmental Protection Agency
APHA = American Public Health Association

APPENDIX C – Onsite Field Data Record Sheet 采样现场记录



FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE
(COMPOSITE / INDIVIDUAL SAMPLING)

CPSD-AN-00613-DATA 04
Issue Date:
Version No.: 14
Business Line: Analytical

General Data

Laboratory Sample Number: 9321085-0492
Client Name: 石狮市龙兴隆染织实业有限公司
Field Contact Person: 陈先生 Phone No: 17705060101
Project (Facility Name and Address): 福建省石狮市锦尚工业区
Sampling Location / Description: Incoming water
Sample Identification: Zero discharge with sampling plan
Sample Type: Composite Sample / Grab sample (Please delete as appropriate)
Name of Sampler: DY. MX
Discharge mode: Direct discharge to environment (Specify destination: River, Sea, Stream ...) OR Indirect discharge to sewage treatment plant
Date of collection: 03/28/2021
Factory Type: Dyeing / Printing / Washing / Finishing / Others (please specify):
*Note: If would be selected more than one

Field Data for Wastewater

Arrival Time:	10:25	Departure Time:	16:40					
Field Parameters:	pH: 7.30	Temp: 33.1 °C	Color: transparent	Flow rate: (volume/min)				
Control No. of field equipment:	AN-0630	AN-0300-E18						
Factory with effluent treatment plant:	Yes		No ✓					
Sample matrix:	✓ Incoming water (if required)							
	Wastewater before treatment							
	Wastewater after treatment – water at discharge point							
Sampler container number	1001							
	1	2	3	4	5	6	7	8
Recording time ID								
Recording time Time	15:11							
pH :	7.30							
Temp (°C) :	33.1							
Color (visual estimation):	transparent							
Flow rate (volume/time)								
Volume collected, mL								
Total volume collected	7.5L	Remark: Total volume collected must be greater than total of sample size required						

Analysis Required and Preservation Method

Tests (ZDHC MRSL Parameters)		Test required (✓)	Total of sample size	Type of container	Preservation method
Combined test or Individual test (Remark 4)	1. Phthalate	✓	1000 mL total or 1000 mL each	坐标. E: 118°43'27" N: 24°43'8"	
	2. Chlorobenzenes, Chlorotoluene & PAH	✓			
	3. SCCPs	✓			
	4. APS	✓			
5. APEOs		✓	100 mL		
6. Chlorophenols & Cresols		✓	100 mL		
7. Flame retardant		✓	500 mL		
8. Dyes		✓	10 mL	Amber Glass,washed with nitric acid;	
9. Glycol		✓	50 mL		
10. *Pesticides			1000 mL		
11. *Nitrosamine			10 mL		
12. Banned Azodyes		✓	2000 mL		
13. *Free primary aromatic amines			500 mL		
14. Organotin Compounds		✓	500 mL		
15. VOC & Halogenated Solvents (Remark 6)		✓	10 mL		
16. PFCs (Remark 6)		✓	2 mL	PE, washed with pesticide grade Acetone	Without adding acid Store sample at 2-6°C

CPSD-AN-00613-DATA 04-FIELD DATA RECORD ZDHC SAMPLING-V14

Page 1 of 4

FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)	CPSD-AN-00613-DATA 04
	Issue Date:
	Version No.: 14
	Business Line: Analytical

Tests (Conventional Parameters)		Test required (√)	Total of sample size	Type of container	Preservation method
Combined test or Individual test (Remark 4)	17. Total suspened solids (TSS)		2000 mL total or 2000 mL each	Amber Glass, washed with nitric acid.	[illegible]
	18. Total dissolved solids (TDS)				
19. 5-day Biochemical Oxygen Demand (BOD5)			1000 mL		
20. Colour			100 mL		
21. Heavy Metals except Cr(VI) & Total-P (Remark 6)		✓	9 mL	PE, washed with nitric acid	[illegible]
22. Cyanide			500 mL	Amber Glass, washed with pesticide grade acetone	[illegible]
23. Cr(VI)		✓	95 mL	Amber Glass: washed with nitric acid	[illegible]
24. Chemical oxygen demand (COD)			150 mL		[illegible]
25. Phenols			500 mL		
[illegible]			1000 mL		[illegible]
27. *Formaldehyde			25 mL		
28. Sulfide (Remark 5)			50 mL	PE, washed with pesticide grade Acetone;	[illegible]
29. Total Coliform (Remark 6)			125 mL	PE, clean, sterile, non-reactive	[illegible]
[illegible]			[illegible]		
31. Persistent foam			N.A.	Foam higher than 40 cm (visual estimation): Yes / No	
32. Sulfite			100 mL	Amber Glass, washed with pesticide grade acetone	[illegible]
33. Total-N			100 mL	Amber Glass washed with nitric acid;	[illegible]
34. Ammonium-N			500 mL		
35. Adsorbable organically bound halogens (AOX)			100 mL		
36. Acute aquatic toxicity: Luminus Bacteria; Fish Egg; Daphne; Alage;			1000 mL		[illegible]
37. Sulphate			100 mL		
38. Chloride			100 mL		
39. Others					
Observation/ Remark: 用水为自来水					

*Remarks:

1.Individual sampling can be performed upon request.

2. The minimum sampling time for 2019 ZDHC guideline is 6 hours with no more than one hour between discrete samples. Sampling time could be adjusted upon request.

3. [illegible]

Scope of MMCF: [illegible]

4. Refer to CPSD-AN-G00019-STIP01, locations with those CPSD test capability inside TCO matrix can perform the combined test.

5. Refer to CPSD-AN-000570-MTHD for additional pretreatment of sulfide if only dissolved sulfide is required to be tested.

6. Refer to CPSD-AN-00613-MTHD for preparation of field blank for specific parameters.

Recorded by: [signature] Date: 3/28/2021

Full name:

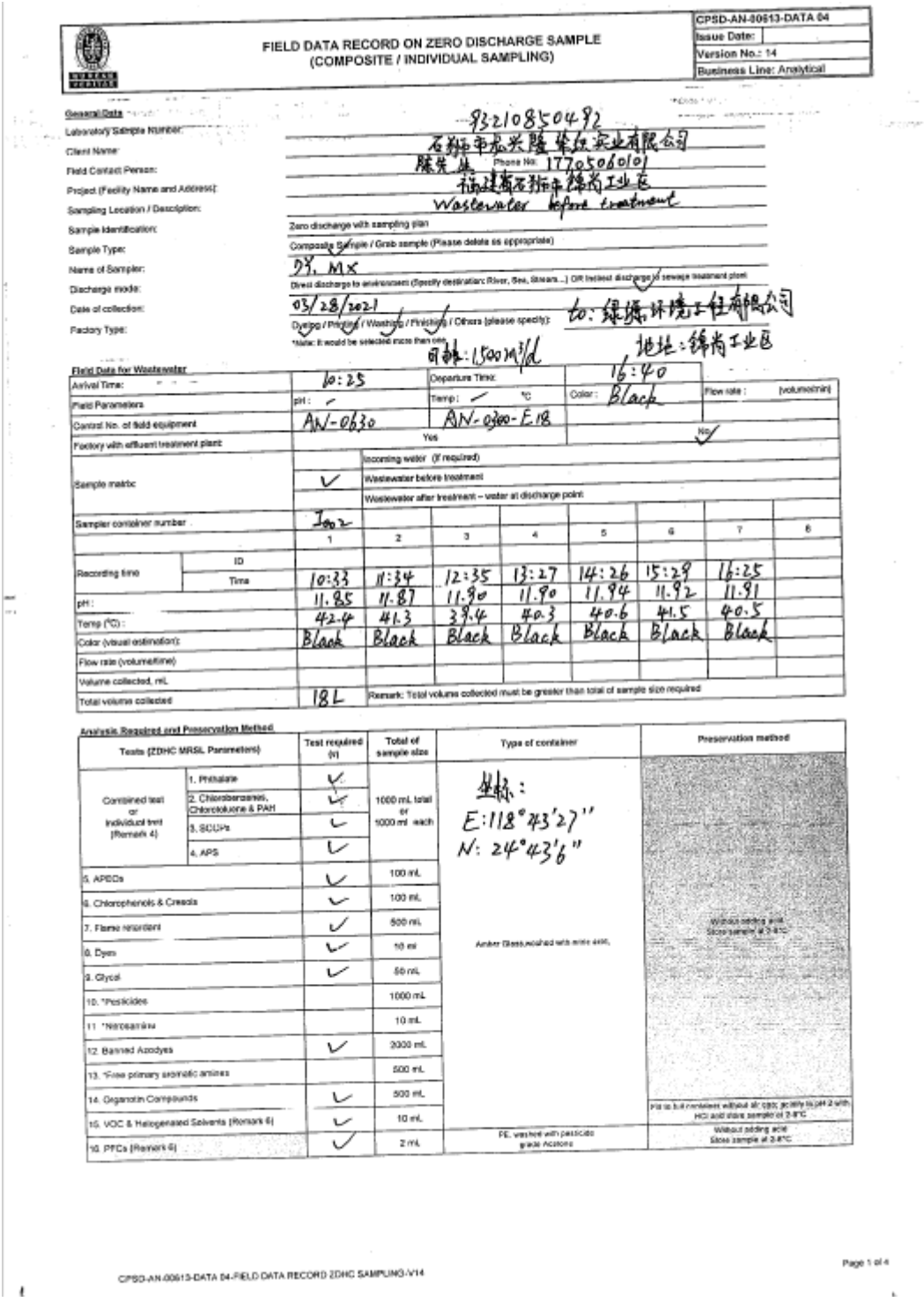
Comment from factory:

Acknowledgement by factory:

I hereby confirmed that Bureau Veritas has completed the stated sampling activity at captioned date, time and location. All sample(s) is/are collected in designated container(s) and without any observation in leakage. Sample(s) collected by Bureau Veritas is/are stored in portable freezer / fridge that is maintained in 1-6°C

Signatory of Factory Representative: [signature] Date: 21.3.28

Full Name:



FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE
(COMPOSITE / INDIVIDUAL SAMPLING)

CPSD-AN-00613-DATA 04
Issue Date:
Version No.: 14
Business Line: Analytical

General Data

Laboratory Sample Number:	9321085049 2
Client Name:	石狮市永兴隆染纺实业有限公司
Field Contact Person:	陈先生 Phone No: 17705060101
Project (Facility Name and Address):	福建省石狮市锦尚工业区
Sampling Location / Description:	Wastewater before treatment
Sample Identification:	Zero discharge with sampling plan
Sample Type:	Composite Sample / Grab sample (Please delete as appropriate)
Name of Sampler:	汪. MX
Discharge mode:	Direct discharge to environment (Specify destination: River, Sea, Stream...) OR Indirect discharge of sewage treatment plant
Date of collection:	03/28/2021
Factory Type:	Dyeing / Printing / Washing / Finishing / Others (please specify): 污水: 1500 m³/d *Note: It would be selected more than one.

to: 绿源环境工程有限公司
地址：锦尚工业区

Field Data for Wastewater

Arrival Time:	10:25		Departure Time:		16:40			
Field Parameters	pH: /		Temp: / °C		Color: Black		Flow rate:	(volume/time)
Control No. of field equipment	AN-0630		AN-0300-E18					
Factory with effluent treatment plant:	Yes						No ✓	
Sample matrix		Incoming water (if required)						
	✓	Wastewater before treatment						
		Wastewater after treatment – water at discharge point						
Sampler container number	I002							
	1	2	3	4	5	6	7	8
Recording time ID								
Recording time Time	10:33	11:34	12:35	13:27	14:26	15:29	16:25	
pH:	11.85	11.87	11.90	11.90	11.94	11.92	11.91	
Temp (°C):	42.4	41.3	39.4	40.3	40.6	41.5	40.5	
Color (visual estimation):	Black	Black	Black	Black	Black	Black	Black	
Flow rate (volume/time)								
Volume collected, mL								
Total volume collected	18L	Remark: Total volume collected must be greater than total of sample size required						

Analysis Required and Preservation Method

Tests (ZDHC MRSL Parameters)		Test required (V)	Total of sample size	Type of container	Preservation method
Combined test or individual test (Remark 4)	1. Phthalate	✓	1000 mL total or 1000 ml each	坐标: E:118°43'27" N: 24°43'6"	Without adding acid Store sample at 2-8°C
	2. Chlorobenzenes, Chlorotoluene & PAH	✓			
	3. SCCPs	✓			
	4. APS	✓			
5. APEOs		✓	100 mL		
6. Chlorophenols & Cresols		✓	100 mL		
7. Flame retardant		✓	500 mL		
8. Dyes		✓	10 ml	Amber Glass,washed with nitric acid,	
9. Glycol		✓	50 mL		
10. *Pesticides			1000 mL		
11. *Nonylphenol			10 mL		
12. Banned Azodyes		✓	2000 mL		
13. *Free primary aromatic amines			500 mL		
14. Organotin Compounds		✓	500 mL		
15. VOC & Halogenated Solvents (Remark 6)		✓	10 mL		Pls to full containers without air gaps, acidify to pH 2 with HCl and store sample at 2-8°C
16. PFCs (Remark 6)		✓	2 mL	PE, washed with pesticide grade Acetone	Without adding acid Store sample at 2-8°C

CPSD-AN-00613-DATA 04-FIELD DATA RECORD ZDHC SAMPLING-V14

Page 1 of 4

FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE (COMPOSITE / INDIVIDUAL SAMPLING)	CPSD-AN-00613-DATA 04
	Issue Date:
	Version No.: 14
	Business Line: Analytical

Tests (Conventional Parameters)		Test required (√)	Total of sample size	Type of container	Preservation method
Combined test or Individual test (Remark 4)	17. Total suspend solids (TSS)	√	2000 mL total or 2000 mL each	Amber Glass, washed with nitric acid,	[redacted]
	18. Total dissolved solids (TDS)				
19. 5-day Biochemical Oxygen Demand (BOD5)		√	1000 mL		
20. Colour		√	100 mL		
21. Heavy Metals except Cr(VI) & Total-P (Remark 6)		√	6 mL	PE, washed with nitric acid	[redacted]
22. Cyanide		√	500 mL	Amber Glass, washed with pesticide grade acetone	[redacted]
23. Cr(VI)		√	95 mL	Amber Glass; washed with nitric acid	[redacted]
24. Chemical oxygen demand (COD)		√	150 mL		
25. Phenols		√	500 mL		
[redacted]		√	1000 mL		
27. *Formaldehyde			25 mL		[redacted]
28. Sulfide (Remark 5)		√	50 mL	PE, washed with pesticide grade Acetone,	[redacted]
29. Total Coliform (Remark 9) WE.DY		√	125 mL	PE, clean, sterile, non-reactive	[redacted]
[redacted]		[redacted]	[redacted]		
31. Persistent foam		√	N.A.	Foam higher than 45 cm (visual estimation)? ___ Yes / No	
32. Sulfite		√	100 mL	Amber Glass, washed with pesticide grade acetone	[redacted]
33. Total-N		√	100 mL	Amber Glass;washed with nitric acid;	[redacted]
34. Ammonium-N		√	500 mL		
35. Adsorbable organically bound halogens (AOX)		√	100 mL		
36. Acute aquatic toxicity: Luminus Bacteria; Fish Egg; Daphnia; Alage;			1000 mL		[redacted]
37. Sulphate			100 mL		
38. Chloride			100 mL		
39. Others:					
Observation/ Remark:					

*Remarks:

1.Individual sampling can be performed upon request

2. The minimum sampling time for 2019 ZDHC guideline is 6 hours with no more than one hour between discrete samples. Sampling time could be adjusted upon request.

[redacted]

Scope of MMCF: [redacted]

[redacted]

4. Refer to CPSD-AN-G00019-STIP01, locations with those CPSD test capability inside TCD matrix can perform the combined test.

5. Refer to CPSD-AN-00057D-MTHD for additional pretreatment of sulfide if only dissolved sulfide is required to be tested.

6. Refer to CPSD-AN-00613-MTHD for preparation of field blank for specific parameters.

Recorded by: 蘇裕 黃耀星 Date: 3/28/2021
Full name:

Comment from factory

Acknowledgement by factory

I hereby confirmed that Bureau Veritas has completed the stated sampling activity at captioned date, time and location. All sample(s) is/are collected in dedicated container(s) and without any observation in leakage. Sample(s) collected by Bureau Veritas is/are stored in portable freezer / fridge that is maintained in 1-6°C

Signatory of Factory Representative: 陳昭祥 Date: 21.3.28
Full Name:

CPSD-AN-00613-DATA 04-FIELD DATA RECORD ZDHC SAMPLING-V14 Page 2 of 4

APPENDIX D 附录 D

表 9 废水污染物排放

序号	排放口编号	排放口名称	污染物种类	许可排放浓度限值	许可年排放量限值（t/a）				
					第一年	第二年	第三年	第四年	第五年
主要排放口									
1	DW001		化学需氧量	500mg/L	/	/	/	/	/
2	DW001		总锑	0.10	/	/	/	/	/
3	DW001		悬浮物	100mg/L	/	/	/	/	/
4	DW001		总氮（以 N 计）	30mg/L	/	/	/	/	/
5	DW001		氨氮（NH3-N）	20mg/L	/	/	/	/	/
6	DW001		苯胺类	1.0	/	/	/	/	/
7	DW001		五日生化需氧量	150	/	/	/	/	/
8	DW001		总磷（以 P 计）	1.5	/	/	/	/	/
9	DW001		硫化物	0.5	/	/	/	/	/
10	DW001		色度	80	/	/	/	/	/
11	DW001		pH 值	6-9	/	/	/	/	/
主要排放口合计			CODcr		900	900	900	900	900
			氨氮		36	36	36	36	36
			总氮（以 N 计）		54	54	54	54	54
一般排放口									

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