

Organization Name

WUJIANG BAILU DYING & WEAVING CO.,LTD

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ZDHC ID

A117LN98

HIGG ID

123209

OAR ID

CN2020053JK5DSD

TRID

TR486TB19

Wastewater Guideline

ZDHC Textile Wastewater Guideline V2.1

Reporting Cycle

2023-Oct

Reporting Date

26-09-2023

Sample Date

05-09-2023

WUJIANG BAILU DYING & WEAVING CO.,LTD Overview

Sector

-

Materials

-

Processes

-

Sample Locations

Effluent, Untreated, Sludge

Discharge Type

Indirect with Pre Treatment

Fibre Type

-

Pre-Treatments

Preliminary Treatment, Sludge handling

Major Sludge Pathway

A. Offsite Incineration at >1000 oC

% Representation of Sludge Disposal

100%

Average Total Wastewater Generated

6000 m3/day

HIGH LEVEL PERFORMANCE

The section below shows the high-level results from your Laboratory test report in context with the ZDHC Wastewater Guidelines and scoring methodology. The numbers below display scoring of parameters tested that meet requirement set forth by the ZDHC Wastewater Guidelines.

N/A

Conventionals and
Anions

199/199

MRSL

15/15

Metals



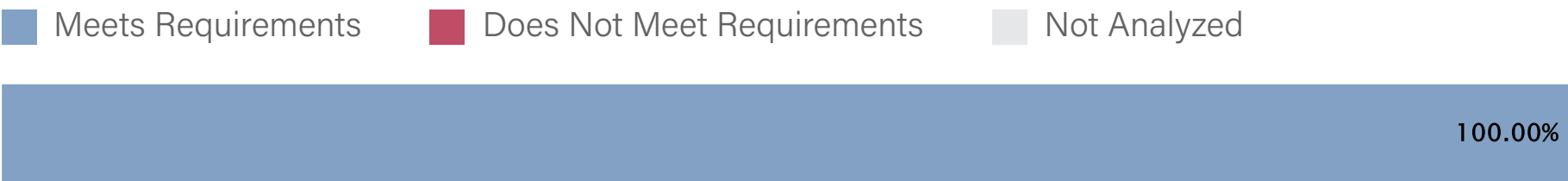
GATEWAY

By ZDHC

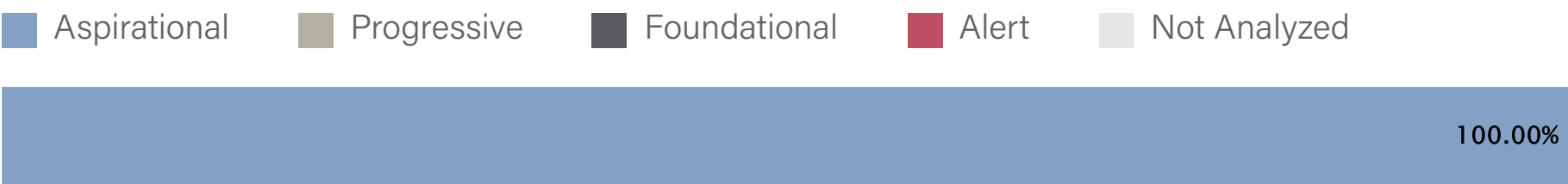
PERFORMANCE BREAKDOWN

The section below shows the detailed results from your Laboratory test report in context with the ZDHC Wastewater Guidelines and scoring methodology.

MRSL



Metals

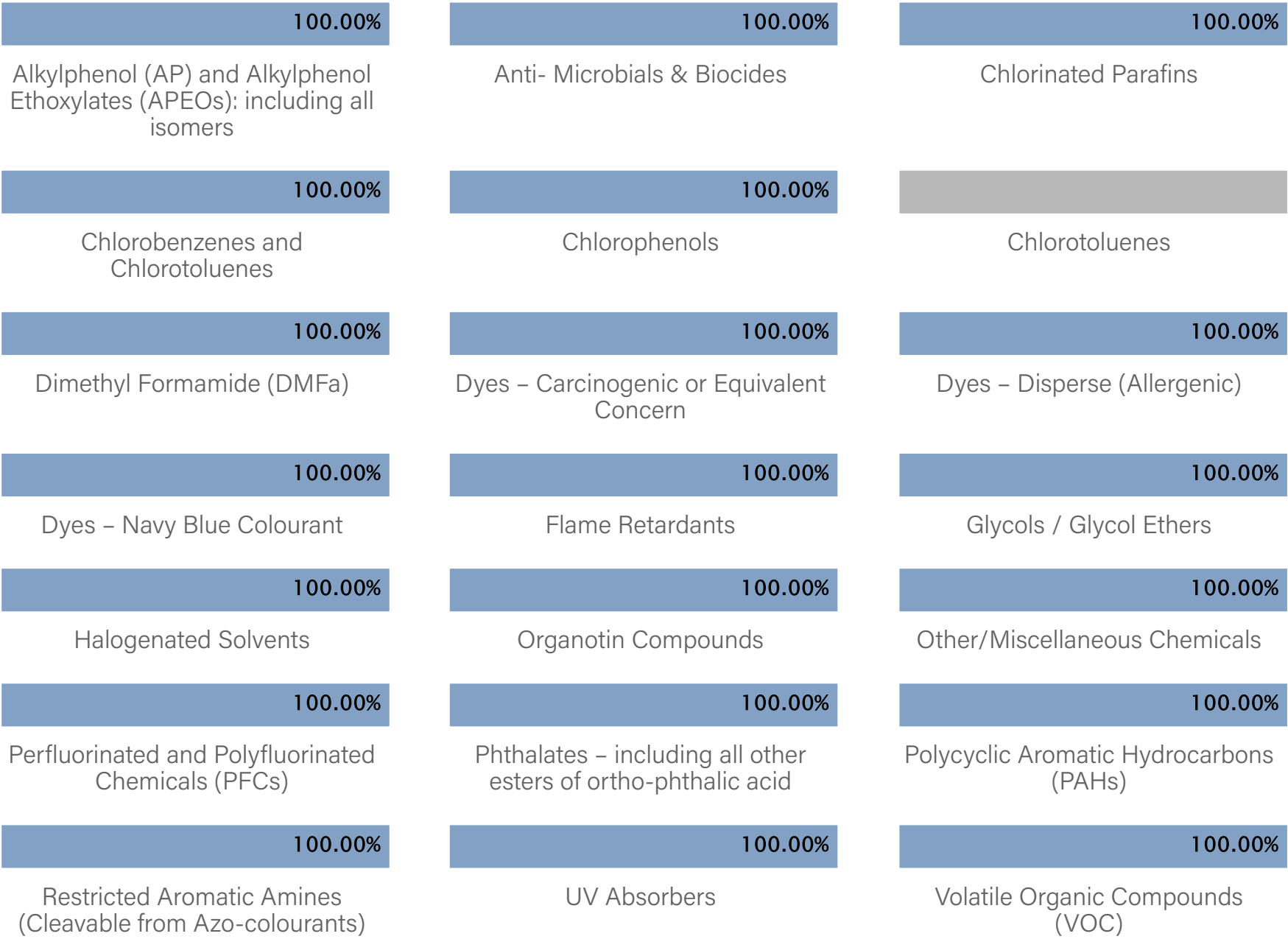


Sludge



Requirements met for Major
Sludge Disposal Pathway

PARAMETER TYPE DETAILS: MRSL



Meets Requirements

Does Not Meet Requirements

Not Analyzed

Not Required

Parameter	Value	Parameter	Value
1,2-benzenedicarboxylic acid, di-C6-8 branched and liearalkyl esters , C7-rich (DIHP) - (µg/l)	ND	2,3,4-trichlorophenol - (µg/l)	ND
1,2-benzenedicarboxylic acid, di-C7-11 branched and liearalkyl esters (DHNUP) - (µg/l)	ND	2,3,5,6-tetrachlorophenol - (µg/l)	ND
1,2-dichlorobenzene - (µg/l)	ND	2,3,5-trichlorophenol - (µg/l)	ND
1,2-dichloroethane - (µg/l)	ND	2,3,6-trichlorophenol - (µg/l)	ND
2,2-bis(bromomethyl)-1,3-propanediol (BBMP) - (µg/l)	ND	2,3-dichlorophenol - (µg/l)	ND
2,3,4,5-tetrachlorophenol - (µg/l)	ND	2,4,5-trichlorophenol - (µg/l)	ND
2,3,4,6-tetrachlorophenol - (µg/l)	ND	2,4,5-trimethylaniline - (µg/l)	ND

Parameter	Value
2,4,5-trimethylaniline hydrochloride - (µg/l)	ND
2,4,6-trichlorophenol - (µg/l)	ND
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327) - (µg/l)	ND
2,4-dichlorophenol - (µg/l)	ND
2,4-xylidine - (µg/l)	ND
2,5-dichlorophenol - (µg/l)	ND
2,6-dichlorophenol - (µg/l)	ND
2,6-xylidine - (µg/l)	ND
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) - (µg/l)	ND
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350) - (µg/l)	ND
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) - (µg/l)	ND
2-chlorophenol - (µg/l)	ND
2-ethoxyethanol - (µg/l)	ND
2-ethoxyethyl acetate - (µg/l)	ND
2-methoxyethanol - (µg/l)	ND
2-methoxyethylacetate - (µg/l)	ND
2-methoxypropylacetate - (µg/l)	ND
2-naphthylamine - (µg/l)	ND
2-Naphthylammoniumacetate - (µg/l)	ND
3,3-dichlorobenzidine - (µg/l)	ND
3,3-dimethoxylbenzidine - (µg/l)	ND
3,3-dimethylbenzidine - (µg/l)	ND
3,4,5-trichlorophenol - (µg/l)	ND
3,4-dichlorophenol - (µg/l)	ND
3,5- dichlorophenol - (µg/l)	ND
3-chlorophenol - (µg/l)	ND
4,4-methylene- bis-(2-chloro-aniline) - (µg/l)	ND

Parameter	Value
4,4-methylenedi-o-toluidine - (µg/l)	ND
4,4-methylenedianiline - (µg/l)	ND
4,4-oxydianiline - (µg/l)	ND
4,4-thiodianiline - (µg/l)	ND
4-aminoazobenzene - (µg/l)	ND
4-aminodiphenyl - (µg/l)	ND
4-chloro-o-toluidine - (µg/l)	ND
4-chloro-o-toluidinium chloride - (µg/l)	ND
4-chloroaniline - (µg/l)	ND
4-chlorophenol - (µg/l)	ND
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisoole sulphate - (µg/l)	ND
4-methoxy-m-phenylenediamine - (µg/l)	ND
4-methyl-m-phenylenediamine - (µg/l)	ND
5-nitro-o-toluidine - (µg/l)	ND
6-methoxy-m-toluidine - (µg/l)	ND
Acenaphthene - (µg/l)	ND
Acenaphthylene - (µg/l)	ND
AEEA [2-(2-aminoethylamino)ethanol] - (µg/l)	ND
Anthracene - (µg/l)	ND
Basic violet 3 with >0.1% of Michler´s Ketone - (µg/l)	ND
Benzene - (µg/l)	ND
Benzidine - (µg/l)	ND
Benzo[a]anthracene - (µg/l)	ND
Benzo[a]pyrene - (µg/l)	ND
Benzo[b]fluoranthene - (µg/l)	ND
Benzo[e]pyrene - (µg/l)	ND
Benzo[ghi]perylene - (µg/l)	ND

Parameter	Value
Benzo[j]fluoranthene - (µg/l)	ND
Benzo[k]fluoranthene - (µg/l)	ND
Bis(2,3-dibromopropyl) phosphate (BIS) - (µg/l)	ND
Bis(2-methoxyethyl) phthalate (DMEP) - (µg/l)	ND
Bis(2-methoxyethyl)-ether - (µg/l)	ND
Bisphenol A - (µg/l)	ND
Boric acid - (µg/l)	ND
Butyl benzyl phthalate (BBP) - (µg/l)	ND
C.I. Acid Red 26 - (µg/l)	ND
C.I. Acid Violet 49 - (µg/l)	ND
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) - (µg/l)	ND
C.I. Basic Green 4 (Malachite Green Chloride) - (µg/l)	ND
C.I. Basic Green 4 (Malachite Green Oxalate) - (µg/l)	ND
C.I. Basic Green 4 (Malachite Green) - (µg/l)	ND
C.I. Basic Red 9 - (µg/l)	ND
C.I. Basic Violet 14 - (µg/l)	ND
C.I. Direct Black 38 - (µg/l)	ND
C.I. Direct Blue 6 - (µg/l)	ND
C.I. Direct Red 28 - (µg/l)	ND
C.I. Disperse Blue 1 - (µg/l)	ND
C.I. Disperse Blue 3 - (µg/l)	ND
Chrysene - (µg/l)	ND
Component 1: C39H23Cl-CrN7O12S 2Na - (µg/l)	ND
Component 2: C46H-30CrN10O20S2 3Na - (µg/l)	ND
Decabromobiphenyl (DecaBB) - (µg/l)	ND
Decabromodiphenyl ether (DecaBDE) - (µg/l)	ND
Di(ethylhexyl) phthalate (DEHP) - (µg/l)	ND

Parameter	Value
Di-cyclohexyl phthalate (DCHP) - (µg/l)	ND
Di-iso-decyl phthalate (DIDP) - (µg/l)	ND
Di-iso-octyl phthalate (DIOP) - (µg/l)	ND
Di-isobutyl phthalate (DIBP) - (µg/l)	ND
Di-isononyl phthalate (DINP) - (µg/l)	ND
Di-n-hexyl phthalate (DnHP) - (µg/l)	ND
Di-n-octyl phthalate (DNOP) - (µg/l)	ND
Di-n-pentylphthalates - (µg/l)	ND
Di-n-propyl phthalate (DPRP) - (µg/l)	ND
Dibenz[a,h]anthracene - (µg/l)	ND
Diboron trioxide - (µg/l)	ND
Dibromobiphenyls (DiBB) - (µg/l)	ND
dibromopropylether - (µg/l)	ND
Dibutyl phthalate (DBP) - (µg/l)	ND
Diethyl phthalate (DEP) - (µg/l)	ND
Diisopentylphthalates - (µg/l)	ND
Dimethyl formamide; N,N-di-methylformamide (DMFa) - (µg/l)	ND
Dinonyl phthalate (DNP) - (µg/l)	ND
Dipropyltin compounds (DPT) - (µg/l)	ND
Disodium octaborate - (µg/l)	ND
Disodium tetraborate, anhydrous - (µg/l)	ND
Disperse Blue 102 - (µg/l)	ND
Disperse Blue 106 - (µg/l)	ND
Disperse Blue 124 - (µg/l)	ND
Disperse Blue 26 - (µg/l)	ND
Disperse Blue 35 - (µg/l)	ND
Disperse Blue 7 - (µg/l)	ND

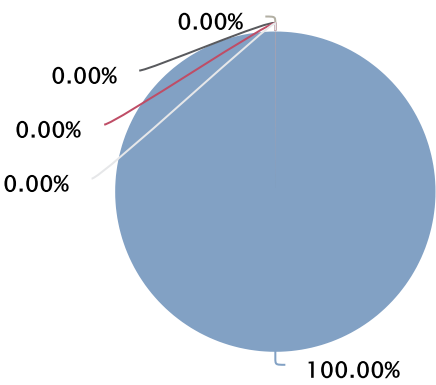
Parameter	Value
Disperse Brown 1 - (µg/l)	ND
Disperse Orange 1 - (µg/l)	ND
Disperse Orange 11 - (µg/l)	ND
Disperse Orange 3 - (µg/l)	ND
Disperse Orange 37/59/76 - (µg/l)	ND
Disperse Red 1 - (µg/l)	ND
Disperse Red 11 - (µg/l)	ND
Disperse Red 17 - (µg/l)	ND
Disperse Yellow 1 - (µg/l)	ND
Disperse Yellow 3 - (µg/l)	ND
Disperse Yellow 39 - (µg/l)	ND
Disperse Yellow 49 - (µg/l)	ND
Disperse Yellow 9 - (µg/l)	ND
Ethylene glycol dimethyl ether - (µg/l)	ND
Fluoranthene - (µg/l)	ND
Fluorene - (µg/l)	ND
Heptabromodiphenyl ether (HeptaBDE) - (µg/l)	ND
Hexabromocyclodecane (HBCDD) - (µg/l)	ND
Hexabromodiphenyl ether (HexaBDE) - (µg/l)	ND
Indeno[1,2,3-cd]pyrene - (µg/l)	ND
m-cresol - (µg/l)	ND
Medium-chain Chlorinated paraffins (MCCPs) (C14-C17) - (µg/l)	ND
Methylene chloride - (µg/l)	ND
Mono-, di- and tri-butyltin derivatives - (µg/l)	ND
Mono-, di- and tri-methyltin derivatives - (µg/l)	ND
Mono-, di- and tri-octyltin derivatives - (µg/l)	ND
Mono-, di- and tri-phenyltin derivatives - (µg/l)	ND

Parameter	Value
Monobromobiphenyls (MonoBB) - (µg/l)	ND
Monobromodiphenylethers (MonoBDEs) - (µg/l)	ND
Naphthalene - (µg/l)	ND
Nonabromobiphenyls (NonaBB) - (µg/l)	ND
Nonabromodiphenyl ether (NonaBDE) - (µg/l)	ND
Nonylphenol (NP), mixed isomers - (µg/l)	ND
Nonylphenol ethoxylates (NPEO) - (µg/l)	ND
o-aminoazotoluene - (µg/l)	ND
o-anisidine - (µg/l)	ND
o-cresol - (µg/l)	ND
o-Phenylphenol (+salts) - (µg/l)	ND
o-toluidine - (µg/l)	ND
Octabromobiphenyls (OctaBB) - (µg/l)	ND
Octabromodiphenyl ether (OctaBDE) - (µg/l)	ND
Octylphenol (OP), mixed isomers - (µg/l)	ND
Octylphenol ethoxylates (OPEO) - (µg/l)	ND
Other isomers of mono-, di-, tri-, tetra-, penta- and hexa- Chlorobenzene and mono-, di-, tri-, tetra- and penta- chlorotoluene - (µg/l)	ND
p-cresol - (µg/l)	ND
Pentabromodiphenyl ether (PentaBDE) - (µg/l)	ND
Pentachlorophenol (PCP) - (µg/l)	ND
Perfluorooctane sulfonate (PFOS) and related substances Perfluorooctanoic acid (PFOA) - (µg/l)	ND
Perfluorooctanoic acid (PFOA) related substances - (µg/l)	ND
Permethrin - (µg/l)	ND
Phenanthrene - (µg/l)	ND
Polybromobiphenyls (PBB) - (µg/l)	ND
Pyrene - (µg/l)	ND
Quinoline - (µg/l)	ND

Parameter	Value
Short-chain Chlorinated paraffin (C10 – C13) - (µg/l)	ND
Tetraboron disodium heptaoxide, hydrate - (µg/l)	ND
Tetrabromobisphenol A (TBBPA) - (µg/l)	ND
Tetrabromodiphenyl ether (TetraBDE) - (µg/l)	ND
Tetrabutyltin compo+A195:B206unds (TeBT) - (µg/l)	ND
Tetrachloroethylene - (µg/l)	ND
Tetraethyltin Compounds (TeET) - (µg/l)	ND
Tetraoctyltin compounds (TeOT) - (µg/l)	ND
Thiourea - (µg/l)	ND
Toluene - (µg/l)	ND
Tribromodiphenylethers (TriBDEs) - (µg/l)	ND
Trichloroethylene - (µg/l)	ND
Triclosan - (µg/l)	ND
Tricyclohexyltin (TCyHT) - (µg/l)	ND
Triethylene glycol dimethyl ether - (µg/l)	ND
Tripropyltin Compounds (TPT) - (µg/l)	ND
Tris(1,3-dichloro-isopropyl) phosphate (TDCP) - (µg/l)	ND
Tris(1-aziridiny)phosphine oxide) (TEPA) - (µg/l)	ND
Tris(2,3,-dibromopropyl)-phosphate (TRIS) - (µg/l)	ND
Tris(2-chloroethyl) phosphate (TCEP) - (µg/l)	ND
Tris-(2-chloro-1-methylethyl)phosphate (TCPP) - (µg/l)	ND
Xylene - (µg/l)	ND
Borate, Zinc Salt - (µg/l)	ND-ND

PARAMETER TYPE DETAILS: METALS

- Aspirational
- Progressive
- Foundational
- Not Analyzed
- Alert



METALS

Parameter	Value
Arsenic (As) - (mg/l)	ND
Cadmium (Cd) - (mg/l)	ND
Chromium (VI) - (mg/l)	ND
Lead (Pb) - (mg/l)	ND
Mercury (Hg) - (mg/l)	ND



Clear**Stream**

By Ø ZDHC

SAMPLE AND TEST INFORMATION

Wastewater Guideline

ZDHC Textile Wastewater Guideline V2.1

Reporting Cycle

2023-Oct

Reporting Date

26-09-2023

Sample Date

05-09-2023

ZDHC APPROVED LABORATORY DETAILS

Name

Intertek Testing Services Limited Shanghai

Address

2/F, Building No.4 Shanghai Comalong Technology Service Park, No.889 Yi Shan Road, Shanghai
200233, China Shanghai Shanghai China

Email Address

amanda.long@intertek.com

Sampler ID

C74D106817240

Lab Test Reference Number

SHAT07718736

Contact Name

Amanda Long

Contact Number

+86 021 5339 5658

APPENDIX

Appendix A

<https://downloads.roadmaptozero.com/output/ZDHC-Wastewater-Guidelines>



GATEWAY

By Ø ZDHC

High Level Performance Calculations

Total points available per Parameter Type is based on the below logic and the total required parameters to test. The total required parameters to test is assigned to the given facility based on their Discharge Type and Daily Average Wastewater Generated. Please see Appendix A for more information on this.

Conventional, Anions and Metals Scoring

The below logic is applicable for Conventional, Anions and Metals. With Metals being scored separately.

1. Foundational Points: The total number of “Conventional and Anions” or “Metals” parameters that meet the minimum Foundational requirements.

Example: Of the “Conventional and Anions” parameters tested, 24 meet at least the Foundational requirements. $24 \times 1 = 24$ points.

2. Progressive Points: The total number of “Conventional and Anions” or “Metals” parameters that meet the minimum Progressive requirements, multiplied by two.

Example: 5 parameters meet Progressive requirements. $5 \times 2 = 10$ points.

3. Aspirational Points: The total number of “Conventional and Anions” or “Metals” parameters that meet the minimum Aspirational requirements multiplied by three.

Example: 3 parameters meet Aspirational requirements. $3 \times 3 = 9$ points.

Note, any parameters where the following results are allowed:

1. Absent/Present or Pass/Fail
2. Not Detected (ND)

Will be given three points if they are Absent or Pass or ND. This is because these results are classed as Aspirational.

Total Score Calculation:

Foundational + Progressive + Aspirational = Total Score. Example: $24 + 10 + 9 = 43$.

The ClearStream score in this example would be 43 points.

MRSL Scoring

Conformance Points: Total number of MRSL parameters that meet ZDHC MRSL Reporting Limit in the ZDHC Wastewater Guidelines.

Note, Any parameters flagged as Absent/Present or Pass/Fail are given one point if they are Absent or Pass. This also holds true for any results that are ND (Not Detected).

Example: 160 parameters meet MRSL Reporting Limits. $160 \times 1 = 160$ points.

General Notes

Parameters that are “Sample and Report only” or tested outside of the required parameters to be tested for the given Supplier are not included as part of the total scores.