

# TEST REPORT

**Technical Report:** (6821)248-0077 September 18, 2021

Date Received: September 04, 2021 Page 1 of 21

Factory Company Name: Panorama Washing Co. Ltd.

Factory Address: Kodda-Nandun, Nawzor, (Islampur Road) Gazipur, 1702, Bangladesh.

Client Reference No.: Se

Sample Method: I001) Raw Wastewater – 6 hours Time – weighted Composite I002) Treated Wastewater – 6 hours Time – weighted Composite

Sample Pick Up Date: September 04, 2021 Discharge Type: Direct Discharge

On-Site Effluent Treatment Plant

(ETP):

103

Wastewater Discharge to: Ci
Off-site ETP name (if applicable): No

Off-site ETP address (if

applicable):

City Corporation Drain

Not Applicable Not Applicable

Test Period: September 05, 2021 To September 18, 2021

Sample Description:

I001) Colorless liquid - Raw Wastewater I002) Colorless liquid - Treated Wastewater

#### REMARK

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

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Technical enquiry-Chemical Mr. M. Nur Alam, Mail: nur.alam@bureauveritas.com

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.

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (BANGLADESH) LTD.

MD. RASHEDUL HAQUE MANAGER, RSL OPERATIONS

Bureau Veritas Consumer Products Services (BD) Ltd. Plot # 130, DEPZ Extension Area Ganakbari, Savar, Dhaka, Bangladesh Tel: 88-02-7701464-6, Fax: 88-02-7701463 E-mail: bvcps.bd@bd.bureauveritas.com website: cps.bureauveritas.com

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<sup>\*</sup> The sampling is agreed with client.



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# **Executive Summary**

1A) Conventional Parameters	I001	1002
Temperature		
TSS		
COD		
Total-N		
pH Value		
Color [m <sup>-1</sup> ] (436nm; 525nm; 620nm)		
BOD <sub>5</sub>		
Ammonium-N		
Total-P	NR	
AOX		
Oil and Grease		
Phenol		
Coliform		
Persistent Foam		
ANIONS – Cyanide		
ANIONS - Sulfide		
ANIONS - Sulfite		
1B) Conventional Parameters –METALS		

## Note / Key:

- □ Meet Foundational Limit / Meet discharge License Criteria
- ■ Exceeding Foundational Limit / Exceeding discharge License Criteria
- NR Not Requested / Not required

ZDHC MRSL Substances	I001	1002
2A) APs and APEOs	0	0
2B) Chlorobenzenes and Chlorotoluenes	0	0
2C) Chlorophenols	0	0
2D) Azo Dyes	0	0
2E) Carcinogenic Dyes	0	0
2F) Disperse Dyes	0	0
2G) Flame Retardants	0	0
2H) Glycols	0	0
2I) Halogenated Solvents	0	0
2J) Organotin Compounds	0	0
2K) Perfluorinated and Polyfluorinated Chemicals	0	0
2L) Phthalates	0	0
2M) Poly Aromatic Hydrocarbons	0	0
2N) Volatile Organic Compounds	0	0

## Note / Key:

- − Detected
- o Not Detected
- NR Not Requested / Not required



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## **Objective**

The environment samples were tested for below parameters.

- 1A) Conventional Parameters
- 1B) Conventional Parameters METALS
- 2A) APs and APEOs
- 2B) Chlorobenzenes and Chlorotoluenes
- 2C) Chlorophenols
- 2D) Azo Dyes
- 2E) Carcinogenic Dyes
- 2F) Disperse Dyes
- 2G) Flame Retardants
- 2H) Glycols
- 2I) Halogenated Solvents
- 2J) Organotin Compounds
- 2K) Perfluorinated and Polyfluorinated Chemicals
- 2L) Phthalates
- 2M) Poly Aromatic Hydrocarbons
- 2N) Volatile Organic Compounds

#### **Sampling Procedure**

Total number of sample collected is based on the actual factory facilities and manufacturing processes. Two environment samples were sampled per factory, 1) Raw Wastewater and 2) Treated Wastewater.

Method of sampling used is time-weighted composite samples based on the ZDHC Wastewater Guidelines. Composite sampling is performed for no less than six hours, with no more than one hour between discrete samples. Each discrete sample is of equal volume. Wastewater and freshwater samples is, as much as possible, collected simultaneously, during the time that PU is in normal operation. The sampling aims 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.

#### Remark:

- Sampling procedure is with reference to below standards:
  - 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 on-site photos are attached in Appendix A and field data records are attached in Appendix C.



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## **Test Result**

#### 1A) Conventional Parameters

**Temperature** 

**Test Method** : Measurement by thermometer

Tested Item(s)	Result	Unit	Conclusion
I002	29.8 (Progressive)	deg. C	DATA

Note:

deg. C = degree Celsius (°C)

Foundational Limit: ▲15 / max. 35°C; Progressive Limit: ▲10 / max. 30°C; Aspirational Limit: ▲5 / max. 25°C

## Total Suspended Solids (TSS)

**Test Method**: Reference to ALPA 2540D, GB 11901, ISO 11923

Tested Item(s)	Result	Unit	Conclusion
I002	6 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 50 mg/L; Progressive Limit: 15 mg/L; Aspirational Limit: 5 mg/L

# Chemical Oxygen Demand (COD)

Test Method : Reference to ALPA 5220B & EPA 410.3, HJ 828

Tested Item(s)	Result	Unit	Conclusion
I002	52 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 150 mg/L; Progressive Limit: 80 mg/L; Aspirational Limit: 40 mg/L

#### Total Nitrogen (Total-N)

**Test Method**: Reference to APHA 4500- N-C

Tested Item(s)	Result	Unit	Conclusion
I002	6.40 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 20 mg/L; Progressive Limit: 10 mg/L; Aspirational Limit: 5 mg/L



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## pH Value

Test Method : Reference to ISO 10523, EPA 150.2 and APHA 4500-H<sup>+</sup>

-	Unit	Result
Test Item(s)	-	I002
Parameter	-	-
Temp. of sample	deg. C	22.8
pH value of sample	-	7.2 (Comply with ZDHC WWG requirements)
Conclusion	-	DATA

Note:

Temp. = Temperature

deg. C = degree Celsius (°C)

Limit: 6 - 9

Color [m<sup>-1</sup>] (436nm; 525nm; 620nm)

**Test Method** : ISO 7887: 2011(E), B

Tested Item(s)	Result	Unit	Conclusion
I002	2.8; 1.4; 0.8 (Progressive)	m <sup>-1</sup>	DATA

Note:

Foundational Limit: 7;5;3 m<sup>-1</sup>; Progressive Limit: 5;3;2 m<sup>-1</sup>; Aspirational Limit: 2;1;1 m<sup>-1</sup>

#### Biochemical Oxygen Demand (BOD<sub>5</sub>)

**Test Method**: Reference to APHA 5210B (5 days)

Tested Item(s)	Result	Unit	Conclusion
I002	17 (Foundational)	mg/L	DATA

Note:

 $mg/L = milligram \; per \; liter \;$ 

Foundational Limit: 30 mg/L; Progressive Limit: 15 mg/L; Aspirational Limit: 5 mg/L

## Ammonium Nitrogen

**Test Method**: Reference to APHA 4500-NH<sub>3</sub> – B & F 22<sup>nd</sup> Edition 2012

Tested Item(s)	Result	Unit	Conclusion
I002	0.29 (Aspirational)	mg/L	DATA

Note:

 $mg/L = milligram \ per \ liter$ 

Foundational Limit: 10 mg/L; Progressive Limit: 1 mg/L; Aspirational Limit: 0.5 mg/L



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#### Total Phosphorus (Total-P)

**Test Method**: Reference to APHA 22<sup>nd</sup> Edition -4500-P.E (2012)

Tested Item(s)	Result	Unit	Conclusion
1002	1.0 (Foundational)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 3 mg/L; Progressive Limit: 0.5 mg/L; Aspirational Limit: 0.1 mg/L

#### Adsorbable Organic Halogen (AOX)

**Test Method**: Reference to IHM - TTI/A-98 (Based on ISO 9562)

Tested Item(s)	Result	Unit	Conclusion
I002	0.52 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 5 mg/L; Progressive Limit: 1 mg/L; Aspirational Limit: 0.1 mg/L

#### Oil and Grease

**Test Method**: Reference to EPA 1664B, APHA-5520 B and F

Tested Item(s)	Result	Unit	Conclusion
I002	1.0 (Progressive)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 10 mg/L; Progressive Limit: 2 mg/L; Aspirational Limit: 0.5 mg/L

#### Phenol

**Test Method** : APHA 5530 C

Tested Item(s)	Result	Unit	Conclusion
I002	<0.001 (Aspirational)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 0.5 mg/L; Progressive Limit: 0.01 mg/L; Aspirational Limit: 0.001 mg/L

#### Coliform

**Test Method** : Reference to ISO 9308-1: 2014

Tested Item(s)	Result	Unit	Conclusion
I002	160 (Foundational)	Bacteria / 100 mL	DATA

Note:

bacteria/100 mL = bacteria per 100 milliliters

Foundational Limit: 400 / 100 ml; Progressive Limit: 100 / 100 ml; Aspirational Limit: 25 / 100 ml;



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#### Persistent Foam

Test Method : Visual

Tested Item(s)	Result	Unit	Conclusion
I002	No Foam (Comply with ZDHC WWG requirements)	ı	DATA

## ANIONS - Cyanide

**Test Method** : Reference to APHA 22<sup>nd</sup> Edition-4500-CN. C&E (2012), EPA 9010C, 9013 & 9014

Ī	Tested Item(s)	Result	Unit	Conclusion
ſ	I002	ND (Aspirational)	mg/L	DATA

Note:

mg/L = milligram per liter ND = Not Detected

Foundational Limit: 0.2 mg/L; Progressive Limit: 0.1 mg/L; Aspirational Limit: 0.05 mg/L

#### ANIONS - Sulfide

**Test Method** : Reference to APHA 4500-S<sup>2</sup>D

Tested Item(s)	Result	Unit	Conclusion
I002	<0.1 (Foundational)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 0.5 mg/L; Progressive Limit: 0.05 mg/L; Aspirational Limit: 0.01 mg/L

#### ANIONS - Sulfite

**Test Method** : Reference to EPA 377.1, APHA 4500-SO<sub>3</sub><sup>2-</sup> (2012)

Tested Item(s)	Result	Unit	Conclusion
I002	1.0 (Foundational)	mg/L	DATA

Note:

mg/L = milligram per liter

Foundational Limit: 2 mg/L; Progressive Limit: 0.5 mg/L; Aspirational Limit: 0.2 mg/L



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## 1B) Conventional Parameters - METALS

Heavy Metals	I001 (mg/L)	I002 (mg/L)
Antimony( Sb )		
Foundational Limit: 0.1 mg/L;	0.002	ND
Progressive Limit: 0.05 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit: 0.01 mg/L		
Chromium( Cr ), total		
Foundational Limit: 0.2 mg/L;	0.002	ND
Progressive Limit: 0.1 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit: 0.05 mg/L		
Cobalt( Co )		
Foundational Limit:0.05 mg/L;	ND	ND
Progressive Limit: 0.02 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit: 0.01 mg/L		
Copper( Cu )		
Foundational Limit: 1 mg/L;	0.042	ND
Progressive Limit: 0.5 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit: 0.25 mg/L		
Nickel (Ni)		
Foundational Limit:.0.2 mg/L;	ND	ND
Progressive Limit: 0.1 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit: 0.05 mg/L		
Silver (Ag)		
Foundational Limit: 0.1 mg/L;	ND	ND
Progressive Limit: 0.05 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit: 0.005 mg/L		
Zinc(Zn)		
Foundational Limit: 5 mg/L;	0.430	ND
Progressive Limit: 1 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit: 0.5 mg/L		
Arsenic (As)		
Foundational Limit: 0.05 mg/L;	ND	0.01
Progressive Limit: 0.01 mg/L;	(Aspirational)	(Progressive)
Aspirational Limit: 0.005 mg/L		
Cadmium( Cd )		
Foundational Limit: 0.1 mg/L;	ND	ND
Progressive Limit: 0.05 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit: 0.01 mg/L		
Lead(Pb)		
Foundational Limit:0.1 mg/L;	0.001	ND
Progressive Limit: 0.05 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit: 0.01 mg/L		
Mercury (Hg)		
Foundational Limit: 0.01 mg/L;	ND	ND
Progressive Limit: 0.005 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit :0.001 mg/L		
Chromium VI( CrVI )		
Foundational Limit: 0.05 mg/L;	ND	ND
Progressive Limit: 0.005 mg/L;	(Aspirational)	(Aspirational)
Aspirational Limit: 0.001 mg/L		



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## Others Priority Chemical Groups

	$I001 (\mu g/L)$	I002 (μg/L)
2A) APs and APEOs	ND	ND
2B) Chlorobenzenes and Chlorotoluenes	ND	ND
2C) Chlorophenols	ND	ND
2D) Azo Dyes	ND	ND
2E) Carcinogenic Dyes	ND	ND
2F) Disperse Dyes	ND	ND
2G) Flame Retardants	ND	ND
2H) Glycols	ND	ND
2I) Halogenated Solvents	ND	ND
2J) Organotin Compounds	ND	ND
2K) Perfluorinated and Polyfluorinated Chemicals	ND	ND
2L) Phthalates	ND	ND
2M) Poly Aromatic Hydrocarbons	ND	ND
2N) Volatile Organic Compounds	ND	ND

#### Remark:

- Test method, reporting limit and list of chemical are summarized in tables of Appendix B.
- ND = Not detected (Please refer to reporting limit shown in Appendix B.).
- All results are in ppb as unit.
- ppm = part(s) per million; ppb = part(s) per billion.
- NR Not Requested / Not required
- N/A Not Applicable



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# **APPENDIX A - Photo of the Sample/ Sampling Location**

I001) Sampling Point (GPS Location: N 24° 0' 48.633"; E 90° 23' 4.563")



I001) Sampling Point Surrounding Environment (GPS Location: N 24° 0' 48.633"; E 90° 23' 4.563")



I001) All sampled bottles with label



I001) pH value



I001) Sample for Phthalate Testing



I001) Packaging





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# **APPENDIX A - Photo of the Sample/ Sampling Location**

I002) Sampling Point (GPS Location: N 24° 0' 48.633"; E 90° 23' 4.563")



I002) Sampling Point Surrounding Environment (GPS Location: N  $24^{\circ}$  0' 48.633"; E  $90^{\circ}$  23' 4.563")



I002) All sampled bottles with label



I002) pH value



I002) Sample for Phthalate Testing



I002) Packaging





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# APPENDIX B

			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/( ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	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
2A. Alkylphenol (AP) and	Octylphenol OP, mixed isomers	Various (incl. 140-66-9, 1806-26-4, 27193-28-8)	5	0.4	extraction) or ASTM D7065 (GC/MS or LC/MS(-MS)
Alkylphenol Ethoxylates (APEOs): including all isomers	Octylphenol ethoxylates (OPEO)	Various (incl. 9002-93-1, 9036-19-5, 68987-90-6)	5	0.4	OPEO/NPEO: ISO18857-2 or ASTM D7065(LC/MS; GC/MS
	Nonylphenol ethoxylates (NPEO)	Various (inc. 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0)	5	0.4	or LC/MSMS for n=1,2) APEO 1-18
	Monochlorobenzene	108-90-7	0.2	0.2	
	1,2-Dichlorobenzene	95-50-1	0.2	0.2	
	1,3-Dichlorobenzene	541-73-1	0.2	0.2	
Ì	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	USEPA 8260B,8270D.
2B. Chlorobenzenes	4-Chlorotoluene	106-43-4	0.2	0.2	Dichloromethane
and Chlorotoluenes	2,3-Dichlorotoluene	32768-54-0	0.2	0.2	extraction followed by
	2,4-Dichlorotoluene	95-73-8	0.2	0.2	GC/MS
	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	1
	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 Chlana 11	2-Chlorophenol	95-57-8	0.5	0.05	USEPA 8270 D
2C. Chlorophenols	3-Chlorophenol	108-43-0	0.5	0.05	Solvent extraction,



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			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/(ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	4-Chlorophenol	106-48-9	0.5	0.05	derivatisation with
	2,3-Dichlorophenol	576-24-9	0.5	0.05	KOH, acetic anhydride
	2,4-Dichlorophenol	120-83-2	0.5	0.05	followed by GC/MS
	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	
	4,4`-Methylene-bis-(2-chloro-aniline)	101-14-4	0.1	0.2	
	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	
2D. Dyes - Azo	4-Methoxy-m- phenylenediamine	615-05-4	0.1	0.2	EN 14362. Reduction step with
(Forming Restricted Amines)	4,4`-Methylene-di-o- toluidine	838-88-0	0.1	0.2	Sodiumdithionite, solvent extraction,
/	2,6-Xylidine	87-62-7	0.1	0.2	GC/MS or LC/MS
	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-			0.2	
	phenylenediamine	95-80-7	0.1		
	o-Aminoazotoluene	97-56-3	0.1	0.2	
	5-nitro-o-toluidine	99-55-8	0.1	0.2	
	C.I. Direct Black 38	1937-37-7	500	10	
	C.I. Direct Blue 6	2602-46-2	500	10	
2E. Dyes-	C.I. Acid Red 26	3761-53-3	500	10	Timil Date of
Carcionogenic or	C.I. Basic Red 9	569-61-9	500	10	Liquid Extraction
Equivalent Concern	C.I. Direct Red 28	573-58-0	500	10	LC/MS
Equivalent Concern					1
	C.I. Basic Violet 14	632-99-5	500	10	



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			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/( ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	C.I. Disperse Blue 3	2475-46-9	500	10	
	C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	2580-56-5	500	10	
	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	
	Disperse Yellow 1	119-15-3	50	2	-
	Disperse Blue 102	12222-97-8	50	2	-
	Disperse Blue 106 Disperse Yellow 39	12223-01-7 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	1
	Disperse Yellow 3	2832-40-8	50	2	<u>-</u>
AE D "	Disperse Red 11	2872-48-2	50	2	Liquid Extraction LC/MS
2F. Dyes-disperse (sensitizing)	Disperse Red 1	2872-52-8	50	2	
(sensitizing)	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	
	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	5	1	
	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	
2G. Flame	Bis(2,3-dibromopropyl) phosphate (BIS/BDBPP)	5412-25-9	5	1	ISO 22032, USEPA527 and USEPA8321B.
Retardants	Tris(aziridinyl)- phosphineoxide (TEPA)	545-55-1	5	1	Dichloromethane extraction GC/MS or
	Polybromobiphenyls (PBBs)	59536-65-1	5	1	LC/MS(-MS)
	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	



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			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/(ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	Short chain chlorinated paraffins (SCCPs) (C10-C13)	85535-84-8	5	1	
	Bis(2-methoxyethyl)-ether	111-96-6	50	10	
	2-ethoxyethanol 2-ethoxyethyl acetate	110-80-5 111-15-9	50	10	-
	Ethylene glycol dimethyl	110-71-4			HG EDA 0270
2H. Glycols	ether		50	10	US EPA 8270 Liquid Extraction
	2-methoxyethanol	109-86-4 110-49-6	50	10	LC/MS
	2-methoxyethylacetate 2-methoxypropylacetate	70657-70-4	50	10	-
	Triethylene glycol dimethyl				-
	ether	112-49-2	50	10	
	1,2-Dichloroethane	107-06-2	1	2	USEPA 8260B
2I. Halogenated Solvents	Methylene Chloride Trichloroethylene	75-09-2	1	2	Headspace GC/MS or
Solveins	Tetrachloroethylene	79-01-6 127-18-4	1	2	Purgeand-Trap-GC/MS
	Mono-, di- and tri- methyltin derivatives	Multiple	0.01	0.2	
2J. Organotin	Mono-, di- and tri-butyltin derivatives	Multiple	0.01	0.2	ISO 17353 Derivatisation with
Compounds	Mono-, di- and tri-phenyltin derivatives	Multiple	0.01	0.2	NaB(C2H5) GC/MS
	Mono-, di- and tri-octyltin derivatives	Multiple	0.01	0.2	
	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.01	0.10	DIN 38407-42
OK. Designation to d	Perfluoro-n-octanoic acid (PFOA)	335-67-1	0.01	0.10	(modified) Ionic PFC:
2K. Perfluorinated and Polyfluorinated Chemicals (PFCs)	Perfluorobutanesulfonic acid (PFBS)	29420-49-3, 29420-43-3	0.01	0.10	Concentration or direct injection, LC/MS(-MS); Non-ionic PFC
Chemicais (FFCs)	Perfluoro-n-hexanoic acid (PFHxA)	307-24-4	0.01	0.10	(FTOH): derivatisation with acetic anhydride,
	8:2 FTOH	678-39-7	1	1	followed by GC/MS
	6:2 FTOH	647-42-7	1	1	, , , , , , , , , , , , , , , , , , ,
	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	10	2	
	Dimethoxyethyl phthalate (DMEP)	117-82-8	10	2	
	Di-n-octyl phthalate (DNOP)	117-84-0	10	2	
2L. Phthalates (including all other esthers of phthalic acid)	Di-iso-decyl phthalate (DIDP)	26761-40-0	10	2	US EPA 8270D, ISO
	Di-iso-nonyl phthalate (DINP)	28553-12-0	10	2	18856 Dichloromethane
	Di-n-hexyl phthalate (DnHP)	84-75-3	10	2	extraction GC/MS
	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	1
	Diethyl phthalate (DEP)	84-66-2	10	2	
	Di-n-propyl phthalate (DPRP)	131-16-8	10	2	



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			Repor	t Limit	
Group	Substance (Testing parameter)	CAS No.	Wastew ater (ug/L)/( ppb)	Sludge (mg/kg) /(ppm)	Name of the testing method
	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	
	Benzo[a]pyrene (BaP)	50-32-8	1	0.2	
	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	
2M. Poly Aromatic	Benzo[b]fluoranthene	205-99-2	1	0.2	DIN 38407-39
Hydrocarbons	Fluoranthene	206-44-0	1	0.2	Solvent extraction
(PaHs)	Benzo[k]fluoranthene	207-08-9	1	0.2	GC/MS
(1 4113)	Acenaphthylene	208-96-8	1	0.2	Germs
	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	
	Benzene	71-43-2	1	2	
2N. Volatile	Xylene	1330-20-7	1	2	ISO 11423-1
Organic Compound	o-cresol	95-48-7	1	2	Headspace- or Purge-
(VOCs)	p-cresol	106-44-5	1	2	and-Trap-GC/MS
	m-cresol	108-39-4	1	2	
	Temperature	_	N/A	N/A	Apply the standard
	TSS	_	N/A	N/A	methods that best apply
1A Committee I	COD	-	N/A	N/A	to the region (ISO, EU,
	Total-N	_	N/A	N/A	US, China), please refer
	рН		N/A	N/A	to ZDHC Wastewater
	Color [m <sup>-1</sup> ] (436nm; 525nm; 620nm)	_	N/A	N/A	Guidelines for more details on the testing
1A. Conventional	BOD5	_	N/A	N/A	method and the levels
Parameters	Ammonium-N	_	N/A	N/A	(Foundational,
	Total-P	_	N/A	N/A	Progressive, and
	AoX	_	N/A	N/A	Aspirational).
	Oil and Grease	-	N/A	N/A	1
	T		NT/A	B.T./A	Cyanide: With
İ	Phenol	l —	N/A	N/A	
	Phenol Coliform(bacteria/100ml)	<del>-</del>   <del>-</del>	N/A N/A	N/A N/A	reference to APHA 4500 CN—B,C&E and



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Group	Substance (Testing parameter)	CAS No.	Repor Wastew ater (ug/L)/( ppb) visible	Sludge (mg/kg) /(ppm) visible	Name of the testing method followed by UV
	ANIONS Cyanide( CN-) Sulfide	Various (incl. 57-12-5)	0.02 N/A	1 N/A	analysis
	Sulfite	_	N/A	N/A	
Group	Substance (Testing parameter)	CAS No.	Repor Wastew ater (mg/L) / (ppm)	Sludge (mg/kg) / (ppm)	Name of the testing method
1B. Conventional Parameters - METALS	Antimony( Sb ) Chromium( Cr ), total Cobalt( Co ) Copper( Cu ) Nickel (Ni) Silver (Ag) Zinc( Zn ) Arsenic (As) Cadmium( Cd ) Chromium VI( CrVI ) Lead( Pb )  Mercury (Hg)	7440-36-0 7440-47-3 7440-48-4 7440-50-8 7440-02-0 7440-22-4 7440-66-6 7440-38-2 7440-43-9 18540-29-9 7439-92-1	0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.0001 0.001 0.0001	N/A N/A N/A N/A N/A N/A N/A N/A 2 2 2 2 2	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
3. Conventional Parameters	Dry mass (total solids)	_	N/A	N/A	US EPA 160.3 / 209A

## 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

**Remark:** The report [(6821)248-0077] was sub-contracted to India (Testtex India Laboratories Pvt. Ltd) for Coliform, AOX & Total-N Tests.



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# APPENDIX C – Onsite Field Data Record Sheet

(40)) 1233.40	FIE	ELD DATA R (COMP		ZERO DIS		AMPLE	CPSD-AN-00613-DATA 04 Issue Date: Version No.: 15 Business Line: Analytical			
RAMINADA								Business L	ine: Analytical	
Seneral Data aboratory Sample Num			1)248-0077							
	per_		,						-	
Trent Name		na 1 Ans	1 1	1		1200/	703/	(	_	
reid Contact Person		14)d . [Y)	mux 15	lam Washi If	Phone No: U	1760	10 11	Cia	-	
reject (Facility Name a		Panor	ama	Washi	ng co	· Lta.	Kodac	, yati	pur.	
lamping Location / Des	cription	9m	let poir	1+						
iample Intentrication (		Zero discharge v	with sampling pla	in					=	
Sample Type				e (Please delete	as appropriate)				_	
lame of Sampler			ful Is					transferant state		
Pischarge mode				ecify destination: R	iver, Sea, Stream	OR Indirect dist	charge to sewage	treatment plant	-2	
Date of sollection			09.20.						-	
actory Type.		*Note: It would be	a supply the supply of the same	ishing / Others (p in one	lease specify).				-	
Field Data for Wastewa	iter						200-	1		
Arrival Time.			OAM	Departure Time.		4:00	מנץ			
field Parameters		pH:		Temp:	°C	Color		Flow rate :	(volume/min)	
control No. of held equi	arapit.		_							
actory with effluent tre	ilment plant	~	Y	es				No		
			Incoming water	(If required)						
Sample matrix		~	Wastewater bel	ore treatment		1				
			Wastewater after	er treatment – wa	ler at discharge	point				
Sampler container numb	er	12					6	7	8	
	ID.	1	2	3	4	5	6	- '	0	
Fer ordered former	Tone	10:30	11:30	12:30	13:30	24:30	15:30			
or!		7.8	7.7	7.9	7.8	7.6	7.8			
Temp (°C)		29.7	29.6	29.4	29.9	30.7	30.6			
Color (visual estimation)	r	L.leps	Ciless	Lt. blace		Caless	Colees			
low rate (volume/time)	m3/5		8	5	7	10	11			
Volume collected, mL	11/17	167×74	167×12		167×12	167X12	167 X12			
Total volume collected	ml	12,024		10771	must be greater than total of sam			1		
Analysis Required and		12/029	I Total		<b>y</b>					
	MRSL Parameters)	Test required	Total of sample size	1	Type of contain	er	P	reservation me	thod	
	1 Phinalate .	~								
Combined test	2. Chlorobenzenes,		1000 mL total							
Individual test	Chlorotoluene & PAH	1	or 1000 mL each							
(Remark 4)	3. SCCPs	-	1000 mt. each							
	4. APS									
5 APEOs		/	100 mL							
<ul> <li>Сткогортеної в Сте</li> </ul>	sols	~	100 mL -							
7 Flame retardant		~	500 mL				· .	Without adding acid		
B. Dyes		-	10 mL	Amber C	lass,washed with	nitric acid,		Store sample at 2	-8-C	
9. Glycol			50 mL							
10 *Pesticides		×	1000 mL							
		X	10 mL							
11. *Nitrosamine		~	2000 mL					-		
11, "Nitrosamine 12 Banned Azodyes										
	pic amnes	X	500 mt.	1					1	
12. Banned Azodyes		×	500 mL	-						
12 Banned Azodyes	ds	× ×	-					ner without air gap and store sample	o; acidify to pH 2 with at 2-8°C	



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Tests (Controlled East 17 Trails evigened solids 10 Total of sample 10	Tests (Conventional Parameters)  Combined test of (TSS) Indiredual test (Remark 4) Its Total suspened solids (TSS) Its Total Suspened solids (TSS) Its Total Suspened solids (TSS) Its Total Suspened solids (TDS) Its Total P (Remark 2) Its Total Suspened solids (TDS) Its Total Suspened s	(COMF	POSITE / IN  Total of sample size  2000 mL total or 2000 mL each  1000 mL  9 mL  500 mL  150 mL  500 mL  150 mL  500 mL  1000 mL	Type of container  Amber Glass, washed with nitric acid,  PE, washed with pesticide grade acetone  Amber Glass; washed with nitric acid  Amber Glass; washed with pesticide grade acetone  PE, washed with pesticide grade acetone	Version No.: 15  Business Line: Analytica  Preservation method  Without adding acid Store sample at 2-8°C  Adjust pH 12 with 50% NaOH, add 0.05 mt of 10% Na;5-0, and store sample at 2-8°C  Adjust pH 12 with 50% NaOH, add 0.05 mt of 10% Na;5-0, and store sample at 2-8°C  Filter by 0.45pm filter in feld, filt to full container without air gap; adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C  Acidify to pH 2 with H-5O, Store sample at 2-8°C  Filt to full container without air gap; add 2 drops of 2½ zinc acidster, edgists pH to 9 with 6M NaOH.
Tests (Conventional Parameters)  Complied test (Remark 4)  17 Total supplied Solids (Remark 5)  18 Total supplied Solids (Remark 6)  19 mil.  100 mil	Combined test or individual rest (TDS)  Combined test or individual rest (TDS)  5-day Biochemical Oxygen Demand (BODS)  Contain	Test required	Total of sample size 2000 mL total of 2000 mL each 1000 mL 100 mL 9 mL 500 mL 150 mL 500 mL 150 mL 500 mL	Type of container  Amber Glass, washed with nitric acid,  PE, washed with nitric acid  Amber Glass, washed with pesticide grade acelone  Amber Glass; washed with nitric acid  PE, washed with pesticide grade Acetone;	Business Line: Analytica  Preservation method  Without adding acid Store sample at 2.8°C  Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% NajS-jO, and store sample at 2.8°C  Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% NajS-jO, and store sample at 2.8°C  Filter by 0.45 millier in felling, filt full container without air gap, adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2.8°C  Acidify to pH 2 with H-SO <sub>4</sub> Store sample at 2.8°C  Filt to full container without air gap, add 2 drops of 2% If it to full container without air gap, add 2 drops of 2% Zinc acidste, adjust pH to 9 with 6M NaOH.
Tasts (Conventional Parameters)  Conclined test (TSS) (TOS)	Combined test or individual (est) (Remark 4) (TSS) 10 Futal dissolved solub (Remark 4) (TSS) 10 Futal dissolved solub (Remark 4) (TSS) 10 Futal dissolved solub (Gottaur 11 Heavy Metals except Cr(VI) & Total-P (Remark 12 Cyanide 13 Cr(VI) 14 Chestical exygen demand (COD) 15 Phenois 16 Oil and Grease & Total Hydrocarbon 17 Formaldehyde 18 Sulfide (Remark 5) 19 Forecul Colifornt (Remark 5) 10 Faecul Colifornt (Remark 5) 11 Persistent foam 18 Sulfide 19 Total-N 19 Ammonium-N	Test required (v)	95 mL 1000 mL 125 mL 125 mL 125 mL 125 mL	PE, washed with nitric acid  Amber Glass, washed with nitric acid  Amber Glass, washed with pesticide grade acetone  Amber Glass; washed with nitric acid  PE, washed with pesticide grade Acetone;	Preservation method  Without adding acid Store sample at 2.8°C  Acidify to pH 2 with HND <sub>3</sub> and store at 2.8°C  Adjust pH 12 with 50% NaCH <sub>2</sub> , add 0.05 ml of 10% Na <sub>3</sub> S <sub>2</sub> O <sub>3</sub> , and store sample at 2.8°C  Filter by 0.45pm filter in field, fill to full container without air gap, adjust pH to 3.0-9.5 by adding ammonium buffer. Store sample at 2.8°C  Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> Store sample at 2.3°C  Fill to full container without air gap, acidify to pH 2 with H <sub>3</sub> SO <sub>4</sub> and store sample at 12.8°C  Fill to full container without air gap, acidify to pH 2 with H <sub>3</sub> SO <sub>4</sub> and store sample at 12.8°C  Fill to full container without air gap, add 2 drops of 2½ zinc acidsten, adjust pH to 9 with 6M NaCH.
Combined test (TS)   2000 mt. Intelligence and the second of the second	Combined test or Individual test (Ramark 4) 9 5-day Biochemical Oxygen Demand (BODS) 0 Gottour 1 Harvy Metals excupt Cr(VI) & Total-P (Remark 1 Harvy Metals excupt Cr(VI) & Total-P (Remark 2 Cyanida 3 Cr(VI) 4 Chemical Oxygen demand (COD) 5 Phenois 6 Oil and Grease & Total Hydrocarbon 7 Formaldehyde 8 Suffide (Remark 5) 9 Forus Colifonn (Remark 6) 9 Forus Colifonn (Remark 5) 9 Forus Colifonn (Remark 5) 9 Persistent foam 9 Suffide 9 Total-N 1 Ammonium-N	Test required (v)	95 mL 1000 mL 125 mL 125 mL 125 mL 125 mL	PE, washed with nitric acid  Amber Glass, washed with nitric acid  Amber Glass, washed with pesticide grade acetone  Amber Glass; washed with nitric acid  PE, washed with pesticide grade Acetone;	Without adding acid Store sample at 2.8°C  Acidify to pH 2 with HNO <sub>2</sub> and store at 2.8°C  Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>2</sub> and store sample at 2.8°C  Filter by 0.45 millier in fello, filt to full container without air gap, adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2.8°C  Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> Store sample at 2.8°C  Fill to full container without air gap, acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> and store sample at 2.8°C  Fill to full container without air gap, add 2 drops of 2½ zinc acidster, digists pH to 9 with 6M NaOH.
The foliation of the process of the	(TSS)   (TSS)   (TSS)   (TSS)   (TDS)   (TDS		or 2000 mL each 1000 mL 100 mL 9 mL 500 mL 150 mL 1500 mL 1500 mL 1500 mL 1500 mL 1500 mL 25 mL 550 mL	PE, washed with nitric acid  Ambier Glass, washed with pesticide grade accione  Ambier Glass; washed with nitric acid  PE, washed with pesticide grade Acetone;	Store sample at 2-8°C  Actidify to pH 2 with HNO <sub>2</sub> and store at 2-8°C  Adjust pH 12 with 50% NaOH, add 0.05 mt of 10% Na <sub>5</sub> S <sub>2</sub> O <sub>2</sub> , and store sample at 2-8°C  Fitter by 0.45µm filter in field, filt to full container without air gap, adjust pt 0.0-9.5 by adding ammonium buffer. Store sample at 2-8°C  Acidify to pH 2 with H <sub>2</sub> SO <sub>2</sub> Store sample at 2-3°C  Fill to full container without air gap, addid 2 drops of 2½ zinc acatales, adjust pt 10 with 5M NaO2.
## Scars Poterrencial Drygen Demand (BODS)    1000 mL	(Remark 4) (TDS) 9 5-tay Biochemical Oxygen Demand (BOD5) 0 Gittaur 1 Heavy Metals except CriVI) & Total-P (Remark 1) 2 Cyanide 3 CriVI) 4 Chemical oxygen demand (COD) 5 Phenoits 6 Oil and Grease & Total Hydrocarbon 7 "Formaldehyde 8 Suffice (Remark 5) 9 Total Colform (Remark 6) 1 Faecal Colform (Remark 6) 1 Persistent foam 2 Suffice 3 Total-N 4 Ammonium-N		1000 mL 100 mL 9 mL 500 mL 150 mL 150 mL 500 mL 1500 mL 1000 mL 1000 mL 25 mL	PE, washed with nitric acid  Ambier Glass, washed with pesticide grade accione  Ambier Glass; washed with nitric acid  PE, washed with pesticide grade Acetone;	Store sample at 2-8°C  Actidify to pH 2 with HNO <sub>2</sub> and store at 2-8°C  Adjust pH 12 with 50% NaOH, add 0.05 mt of 10% Na <sub>5</sub> S <sub>2</sub> O <sub>2</sub> , and store sample at 2-8°C  Fitter by 0.45µm filter in field, filt to full container without air gap, adjust pt 0.0-9.5 by adding ammonium buffer. Store sample at 2-8°C  Acidify to pH 2 with H <sub>2</sub> SO <sub>2</sub> Store sample at 2-3°C  Fill to full container without air gap, addid 2 drops of 2½ zinc acatales, adjust pt 10 with 5M NaO2.
3 College Section Death of (EUDs) 1000 mL 1000 mL 1000 mL 2 SmL 1 PE, washed with natic acid Acidly to pH 2 with HNO, and store at 2-8°C NS,5-0, and store sample at 2-8°C NS,5-	O Cottour  Heavy Metals except CriVI) & Total-P (Remark  Cottour		9 mL 9 mL 500 mL 95 mL 150 mL 500 mL 1000 mL 25 mL 50 mL	Amber Glass, washed with pesticide grade acetone  Amber Glass; washed with nitric acid  PE, washed with pesticide grade Acetone;	Acidify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>2</sub> and store sample at 2-8°C  Filter by 0.45pm filter in field, filt to full container without air gap; adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C  Acidify to pH 2 with H <sub>2</sub> SO <sub>2</sub> Store sample at 2-8°C  Filt to full container without air gap; acidify to pH 2 with H <sub>2</sub> SO <sub>2</sub> and store sample at 2-8°C  Filt to full container without air gap; add 2 drops of 2½ zinc acidster, edigist pH to 9 with 6M NaOL?
PE, washed with natic acid   Acidly to pM 2 with NMO, and store at 2-8°C   Acyanizar   Acidly to pM 2 with NMO, and store at 2-8°C   Acyanizar   Acidly to pM 2 with NMO, and store at 2-8°C   Acyanizar   Acidly to pM 2 with NMO, and store at 2-8°C   Acyanizar   Acidly to pM 2 with NMO, and store at 2-8°C   Acyanizar   Acidly to pM 2 with NMO, and store at 2-8°C   Acyanizar   Acyanizar   Acidly to pM 2 with NMO, and store at 2-8°C   Acyanizar   Acidly to pM 2 with NMO, and store at 2-8°C   Acyanizar   Acidly to pM 2 with NMO, and store at 2-8°C   Acyanizar   Acidly to pM 2 with NMO, and store at 2-8°C   Acyanizar   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C   Acidly to pM 2 with NMO, and store at 2-8°C	1 Heavy Metals except CriVI) & Total-P (Remark ) 2 Cyanide 3 CriVI) 4 Chemical oxygen demand (COD) 5 Prientls 6 Oll and Grease & Total Hydrocarbon 7 "Formaldehyde 8 Sulfide (Remark 5) 9 Total Coliforn (Remark 6) 9 Faecal Coliforn (Remark 5) 9 Persistent foam 2 Sulfide 9 Total Coliforn (Remark 6) 9 Ammonium-N		9 mL 500 mL 95 mL 150 mL 500 mL 1000 mL 25 mL 50 mL	Amber Glass, washed with pesticide grade acetone  Amber Glass; washed with nitric acid  PE, washed with pesticide grade Acetone;	Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> and store sample at 2-8°C Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> and store sample at 2-8°C Filter by 0.45 pm filter in feld, filt to full container without air gap, adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> . Store sample at 2-8°C Fill to full container without air gap, acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> and store sample at 12-8°C Fill to full container without air gap, add 2 drops of 2½ zinc acidistic, adjust pH to 9 with 6M NaOL.
Source   S	2. Cyanida 3. CrtVI) 4. Cheinicai oxygen demand (COD) 5. Prienolis 6. Oil and Grease & Total Hydrocarbon 7. Formaldehyde 8. Sulfide (Remark 5) 1. Total Coliform (Remark 5) Favour Coliform (Remark 5) 9. Persistent foam 8. Sulfite 1. Total N 4. Ammonium-N		500 mL  95 mL  150 mL  500 mL  1000 mL  25 mL  50 mL	Amber Glass, washed with pesticide grade acetone  Amber Glass; washed with nitric acid  PE, washed with pesticide grade Acetone;	Adjust pH 12 with 50% NaOH, add 0.05 ml of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> and store sample at 2-8°C Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> and store sample at 2-8°C Filter by 0.45 pm filter in feld, filt to full container without air gap, adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> . Store sample at 2-8°C Fill to full container without air gap, acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> and store sample at 12-8°C Fill to full container without air gap, add 2 drops of 2½ zinc acidistic, adjust pH to 9 with 6M NaOL.
3 CrVIII  95 mL  95 mL  150 mL  Amber Class; washed with nitric and Activity per 20-35 by adding ammenium buffer. Since sample at 2-8°C  Anothly to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Sione sample at 2-8°C  Anothly to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Sione sample at 2-8°C  Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Sione sample at 2-8°C  Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Sione sample at 2-8°C  Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Sione sample at 2-8°C  Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Sione sample at 2-8°C  Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Sione sample at 2-8°C  Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Sione sample at 2-8°C  Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH 2 with H <sub>2</sub> SQ <sub>2</sub> Fill to full container without air gap, actidity to pH	3 Crivii 4 Chemical oxygen demand (COD) 5 Phenots 6 Oil and Grease & Total Hydrocarbon 7 "Formaldehyde 8 Sulfide (Remark 5) 9 Total Coliforni (Remark 6) 9 Faecal Coliforni (Remark 5) 1. Persistent foam 2 Sulfite 3 Total N 4 Ammonium N		95 mL 150 mL 500 mL 1000 mL 25 mL 50 mL	Amber Glass; washed with nitric acid  PE, washed with pesticide grade Acetone;	Na;SyO <sub>2</sub> , and store sample at 2-8°C Filter by 0.45µm filter in field, fill to full container without air gap, adjust ph to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C  Acidify to ph 2 with h;SO <sub>2</sub> Store sample at 2-8°C  Fill to full container without air gap, acidify to ph 2 wit h;SO <sub>2</sub> and store sample at 2-8°C  Fill to full container without air gap, add 2 drops of 2 Filt to full container without air gap, add 2 drops of 2 Filt to full container without air gap, add 2 drops of 2
So defend a divigen demand (COD)  Chemical oxygen demand (COD)  So on L  So on L  Abber Glass; washed with nitric acid  Acidify to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Fill to full container without arr gas, acidity to pH 2 with H,500, Store sample at 2-8°C  Acidity to pH 2 with H,500, Store sample at 2-8°C  Acidity to pH 2 with H,500, Store sample at 2-8°C  Acidity to pH 2 with H,500, Store sample at 2-8°C  Acidity to pH 2 with H,500, Store sample at 2-8°C  Acidity to pH 2 with H,500, see sample at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Acidity to pH 2 with H,500, and store at 2-8°C  Ac	4 Cheintai oxygen demand (COD) 5 Phenois 5 Oil and Gresse & Total Hydrocarbon 7 *Formaldehyde 8 Suffide (Remark 5) 9 Totar Coliforn (Remark 6) 9 Parcial Coliforn (Remark 6) 9 Persistent foam 9 Suffice 9 Totar N 1 Ammonium-N		150 mL 500 mL 1000 mL 25 mL 50 mL	PE, washed with pesticide grade Acetone;	without air gap, adjust pht to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C  Acidify to pht 2 with H-SO <sub>2</sub> .  Store sample at 2-8°C  Fill to full container without air gap, acidify to pht 2 with  H-SO <sub>2</sub> and store sample at 2-8°C  Fill to full container without air gap, add 2 drops of 2 fill to full container without air gap, add 2 drops of 2 drops o
5 Premotes	5. Phenois 5. Oil and Grease & Total Hydrocarbon 7. "Formaldehyde 8. Sulfide (Remark 5) 9. Total Coliforn (Remark 5) 9. Forsit Coliforn (Remark 5) 9. Persistent foam 9. Sulfite 9. Total N 9. Ammonium-N		500 mL 1000 mL 25 mL 50 mL	PE, washed with pesticide grade Acetone;	Acidify to pH 2 with H <sub>2</sub> SO <sub>2</sub> Store sample at 2-8°C Fill to full container without air gap, acidify to pH 2 with H <sub>2</sub> SO <sub>2</sub> and store sample at 2-8°C Fill to full container without air gap, add 2 drops of 2N zinc acidate, digists PH o9 with 6M NaCH
Sicre sample at 2-8°C  Sicre sample at 2-8°C  Sicre sample at 2-8°C  Fill to full container without air gap, acidity to pH 2 with M201 air gap, acidity to pH 2 with M302 and store sample at 2-8°C  Sulfide (Remark 5)  So mL  PE, washed with pesticide grade Acetone;  Fill to full container without air gap, acidity to pH 2 with M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with 04 M302 air acetalax, stays pH to 9 with	5 Oil and Grease & Total Hydrocarbon 7 'Formaldehyde 8 Sulfide (Remark 5) 9 Total Coliform (Remark 5) 0 Favour Coliform (Remark 5) 1. Persistent foam 2 Sulfide 3 Total-N 4 Ammonium-N		1000 mL 25 mL 50 mL 125 mL	PE, washed with pesticide grade Acetone;	Siore sample at 2-9°C  Fill to full container without air gap, acidify to pH 2 wit  HySC2, and store sample at 2-8°C  Fill to full container without air gap, add 2 drops of 2  zinc acataler, adjust PH to 9 with 6M Mach
Fill to full container without air gap, activity to pH 2 with 1500, and store sample at 2-8°C store at 2-8°C st	7 'Formaldehyde 8 Suffide (Remark 5) 9 Tosar Coliforn (Remark 5) 9 Faecul Coliforn (Remark 5) 1. Persistent foam 2 Suffie 3 Tosar-N 4 Ammonium-N		25 mL 50 mL 125 mL	grade Acetone;	H <sub>3</sub> SO <sub>2</sub> and store sample at 2-8°C Fill to full container without air gap; add 2 drops of 2N zinc acetate, adjust pH to 9 with 6M NaOH
8 Sulfide (Remark 5)  50 mL  PE, washed with pesticide grade Acetone,  Fit to full contains without air age, and 2 drops of 22	8. Suffice (Remark 5) 9. Torar Coliform (Remark 5) 9. Faecul Coliform (Remark 5) 1. Persistent foam 2. Suffice 3. Torar-N 4. Ammonium-N		50 mL 125 mL	grade Acetone;	H <sub>3</sub> SO <sub>2</sub> and store sample at 2-8°C Fill to full container without air gap; add 2 drops of 2N zinc acetate, adjust pH to 9 with 6M NaOH
Silere sample at 2-8°C  125 mL  PE, clean, sterile, non-reactive Silere sample at 2-8°C  N.A.  Foam higher than 45 cm/vssual estimation). Yes_I. No.  Add I mile I 02.5% EDTA Silere sample at 2-8°C  Add I mile I 02.5% EDTA Silere sample at 2-8°C  Add I mile I 02.5% EDTA Silere sample at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Actify to pH 2 with HNO <sub>3</sub> and store at 2	9 Total Coliform (Remark 5)  0 Faecal Coliform (Remark 5)  1. Persistent foam  2 Suffire  3 Total-N  4 Ammonium-N		125 mL	grade Acetone;	Fill to full container without air gap; add 2 drops of 2N zinc acetate, adjust pH to 9 with 6M NaOH Store sample at 2-8°C
Passistent foam N.A. Foam higher than 45 cm/visual estimation). Yes. / No.  Persistent foam N.A. Foam higher than 45 cm/visual estimation). Yes. / No.  Suffice N.A. Foam higher than 45 cm/visual estimation). Yes. / No.  Add 0.1 mile of 105 Na2 <sub>4</sub> 20 <sub>5</sub> Store sample at 2-8°C  Foam higher than 45 cm/visual estimation). Yes. / No.  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C  Add this of 25% EDTA Store sample at 2-8°C	Praecai Colifona (Remark 6)  Persistent foam  Suffice  Totan N  Ammonium N			SERENCE DISTRICT	
1. Persistent foam N.A. Foam higher than 45 cm/visual estimation). Yes. / No.  2. Suffice 100 mL Amber Glass, washed with pesticide grade accione Add mth. of 2.5% EDTA Store sample at 2-8°C  2. Total-N. 100 mL Amber Glass, washed with pesticide grade accione Add mth. of 2.5% EDTA Store sample at 2-8°C  3. Add the persistent of persisten	1. Persistent foam 2. Sulfice 3. Total-N 4. Ammonium-N		125 mL		Add 0.1 ml of 10% Na2 <sub>5</sub> 2O <sub>3</sub>
2 Sulfite 100 mL Amber Glass, washed with pesticide grade accione Add 1mL of 2.5% EDTA Store sample at 2.4% C Stor	2 Sulfite 2 Totan-N 4 Ammonium-N			non-reactive	Store sample at 2-8°C
2 Total N 100 mL Amber Class, washed with pesticide grade acetine Store sample at 2-8°C Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety aqualitic toxicity.  Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety aqualitic toxicity.  Acidety to pH 2 with HySo, and store at 2-8°C Acidety aqualitic toxicity.  Acidety to pH 2 with HySo, and store at 2-8°C Acidety aqualitic toxicity.  Acidety to pH 2 with HySo, and store at 2-8°C Acidety acidety acidety acidety.  Acidety to pH 2 with HySo, and store at 2-8°C Acidety acidety.  Acidety to pH 2 with HySo, and store at 2-8°C Acidety acidety.  Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety acidety.  Acidety to pH 2 with HySo, and store at 2-8°C Acidety acidety.  Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety acidety.  Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety acidety.  Acidety to pH 2 with HySo, acidety.  Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety acidety.  Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety acidety.  Acidety to pH 2 with HySo, acidety.  Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety.  Acidety to pH 2 with HySo, acidety.  Acidety to pH 2 with HySo, Store sample at 2-8°C Acidety.  Acidety to pH 2 with HySo, acidety.  Acidety to pH 2	2 Total-N 4 Ammonium-N		N.A.	Foam higher than 45 cm/(visu	al estimation): Yes / No
Adminimum.N  500 mL  Adminimum.N  500 mL  Additify to pH 2 with H,8Os, Store sample at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs, and store at 2-8°C  Additify to pH 2 with HNOs at 2-8°C  Additify to pH 2 wit	Ammonium-N		100 mL	Amber Glass, washed with pesticide grade acetone	
Acidity to pH 2 with HNO <sub>3</sub> and store at 2-8°C  Acide aquatic toxicity minus Bacteria, Fish Egg, Daphne, Alage,  100 mL  Suphate P  100 mL  Chioride  100 mL			100 mL		
Amber Glass washed with nitric acid;  Minus Bacteria, Fish Egg, Daphne, Alage;  1000 mL  Chloride  100 mL  Omers  100 mL  Omers  Individual sampling can be performed upon request  The maintain 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.  Scope of Synthetic leather industry. Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 5, 15, 17, 19-21, 23-26, 28, 33-36  Free primary aromalic amine, pesticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guideline, they are tested upon request.  Refer to CPSD-AN-000019-STIP01, loactions with those CPSD test capability inside TCD matrix can perform the combined test.  Refer to CPSD-AN-000570-MTHD for additional prefreatment of sulfide if only dissolved sulfide is required to be tested.			500 mL		Store sample at 2-8°C
The minimum sampling can be performed upon request The minimum sampling can be performed upon request The minimum sampling time for 2019 2DHC guideline is 6 hours with no more than one hour between discrete samples. Sampling time could be adjusted upon request Scope of ZDHC guideline. Parameter 1-9, 12, 14-17, 19-26, 28, 29, 31-35. Scope of MMCF. Parameter 5, 15, 17, 19-21, 23-26, 28, 33-36. Free primary aromatic amine, pesticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guideline, they are tested upon request. Refer to CPSD-AN-G00019-STIP01, loactions with those CPSD test capability inside TCD matrix can perform the combined test. Refer to CPSD-AN-G00019-STIP01, loactions with those CPSD test capability inside TCD matrix can perform the combined test. Refer to CPSD-AN-G00019-STIP01, loactions with those CPSD test capability inside TCD matrix can perform the combined test.			100 mL	Amber Glass washed with pitric acid	Acidity to pH 2 with HNO <sub>3</sub> and store at 2-8°C
100 mL  Chloride  100 mL  Store sample at 2-8°C  Store sampl	minus Bacteria; Fish Egg; Daphne, Alage,		1000 mL	CASS, TO STORE WILL MADE SCALE,	
Discretion of Secretion of Secr			100 mL		
Discription Remark  The minimum sampling can be performed upon request  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.  Scope of ZDHC guideline: Parameter 1-9, 12, 14-17, 19-26, 28, 29, 31-35.  Scope of synthetic leather industry: Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38.  Scope of MMCF. Parameter 5, 15, 17, 19-21, 23-26, 28, 33-36.  Free primary aromatic amine, posticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guidline, they are tested upon request.  Refer to CPSD-AN-C00019-STIP01, loactions with those CPSD test capability inside TCD matrix can perform the combined test.	20 101 101 101 101 101 101 101 101 101 1		100 mL		100
Retrier's  The minimum sampling can be performed upon request.  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.  Scope of ZDHC guideline. Parameter 1-9, 12, 14-21, 29-26, 28, 29, 31-35.  Scope of synthetic leather industry. Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38.  Scope of MMCF. Parameter 5, 15, 17, 19-21, 23-26, 28, 33-36.  Free primary aromatic amine, posticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guidline, they are fested upon request.  Refer to CPSD-AN-C00019-STIP01, loadions with those CPSD test capability inside TCD matrix can perform the combined test.					
ecorded by.  Anital Talam  Date: 04.09.209	Scope of ZDHC guideline: Parameter 1-9, 12, 14-17.  Scope of synthetic leather industry. Parameter 1-9, 1  Scope of MMCF. Parameter 5, 15, 17, 19-21, 2  Free primary aromatic amine, pesticides, nitrosamine  Refer to CPSD-AN-G00019-STIP01, loactions with the  Refer to CPSD-AN-000570-MTHD for additional pret  Refer to CPSD-AN-000513-MTHD for preparation of the  CPSD-AN-000613-MTHD for preparation of the  CPSD-AN-0006	. 19-26, 28, 29, 312, 14-21, 23-26, 28, 33-36 e and formaldeh hose CPSD test treatment of sulfifield blank for sp	31-35 , 28, 30, 31, 33, 36 6 yde are not in the capability inside ide if only dissolv	34, 37, 38 e scope of ZDHC Guidline, they are tested upon n TCD matrix can perform the combined test, red sulfide is required to be tested.	equest.



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(39)		FIELD DATA	RECORD	ON ZERO D	SAMPLE			-00613-DATA	)4	
GENERAL STATES		(CO	MPOSITE /	INDIVIDUAL	3)		Issue Dat Version N	in the second	_	
REGISTERS									Line: Analytica	it
General Data									- The state of the	-
Laboratory Sample	Number									
Client Name										
Field Contact Person		Md. 1	Ninul	Islam	Phone No: 1	11700	16783.	//	_	
Project (Faculty Nam		Pana	nama	10/00	las a 0	017 67	1 1111	6 %		
Sampling Location /		_ 0	atlet	Odina	ting .	-O. L+	1, Kodd	la, ba	zipir.	
Sample Identification	1		to want admining	pian						
Sample Type		Composite Sa	ample / Grab san	nple (Please dele	te as appropriate	•)			_	
Name of Sampler		$\mathcal{A}$	mital	Islam					-	
Discharge mode	Direct discharge to environment (Specify destination: River, Sea, Stream) OR lad		m) OR Indirect	discharge to sewage	treatment plant					
Date of collection	12	_ 04.	09.2	221		( Ci	fy Con	mali	, d	1
Factory Type		Dyeing / Print	ing / Washing / F	inishing / Others	(please specify)	-	1	JU / RUT 10	r) anai	カノ
		*Note: It would	be selected more t	han one		Declaration of the second			toam	
Field Data for Waste Arrival Time	rwater	10.6	N n					(No	toam	2)
Field Parameters			OAM	Departure Tim			00 pm		404.11	V
Control No of field eq	Nipment	pH:		Temp:	°C	Calor		Flow rate :	(volume/min)	
actory with effluent to		200								
	To a pour	-	_	Yes			1	No		
Sample matrix			Incoming water							
		-	Wastewater be			/				
ampter container nun	nber	24	vvastewater af	ter treatment – wa	ater at discharge	point				
		1	2	3	4	5	6	7		j
ecording time	ID						G	,	8	
fig.	Time	10:30	11:30	12.30	13:30	14:30	15:30			
		7.6	7.9	7.8	7.8	7.7	7.8.			
emp (°C)	21	29.4	29.3	29.7	29.9	30.7	30.4			
Hor (visual eximation		Ciless	C. Less	C. Ness	C.less	C. legs	C. Lees			
ow rate (volume/time)	m3/h	98	07	09	08	16	09			
ital volume collected		167 X74	167×29	167×24	167×24	167X29	167×29			
ASSAULT IN THE RESERVE AND ADDRESS.	1 Preservation Method	24,048	Remark Total v	alume collected r	must be greater t	han total of sam	ple size required			
	West and the second sec	Test required	Total of							
Tests (ZDHC MRSL Parameters)		(v)	Total of sample size	Type of container			Pre	servation meth	od	
1 Phihalate		~								
Combined test or Chlorobeluzenes, Chlorobeluzene & PAH (Remark 4) 3. SCCPs		~	1000 mL total				-1			
		./	or 1000 mL each							
(inclinate 4)	4 APS		1000 mL each							
Pro-	- APS	/								
APEOs		~	100 mL	(7)						
Chlorophenois & Cres	ols	/	100 mL							9
lame retardant			500 mL		11.0					
lyes							Wi	thout adding acid		
lycol			10 mL .	Amber Gla	iss washed with nit	ric acid,	Sign	e sample at 2-810		
Discourage of the second	4		50 mL							
Pesticides		~	1000 mL							
'Nitrosamine		~	10 mL							
Banned Azodyes		>	2000 mL							
Free primary aromati	c amines									
		K	500 mL							٠
+ Organistin Compounds			500 mL							
			65000-000				Fill to full container without air one, and			
OC & Halogenaled S	5 VOC & Halogenated Solvents (Remark 6)		10 mL	PE, washed with pesticide			Fill to full container without air gap; acidify to pH 2 with HCl and store sample at 2-8*C Without adding acid			



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Tests (Conventioner Parameters)	CREEF /	FI	ELD DATA	SECORD O	N ZEBO DISQUASSE STATE	CPSD-AN-00613-DATA
Tests (Conventional Parameters) Tests (Conventional Parameters	NEE!	, ri	/COM	POSITE / IN	N ZERU DISCHARGE SAMPLE	
Test required Table State (Personal Parameters)  Constitute dest   17 Total suppress solids   2000 mt, store   155 mt,   1000 mt,	ALBERTA A		(CON	JULIETIN	DIVIDUAL SAMPLING)	
Contrained test  Order of the contrained state of the			T-			Business Line: Analytic
Common   C		The state of the s	(v)		Type of container	Preservation method
Communication   Communicatio	or	(TSS)	~			
29 Columnical Displace Control (COLD) 1000 mL	(Remark 4)	(TDS)	X	2000 mL each	Amber Glass, washed with nitric acid,	Without adding acid
100 mL Persistent from security (Promats 2 and 100 mL Persistent from 100 mL Persistent fro		Oxygen Demand (BOD5)	~	1000 mL		Store sample at 2-8°C
22 Cyande  500 mL  Amber Glass, washed with pasticide grade accord  750 mL  75	Z1 Heavy Metals excep	ut Cr(VI) & Total-P (Remark	-	1000000		
22 C(IVI)  95 mL  95 mL  Amber Class; washed with pesticide grade accinon  File to full consumer without air gap, adding the 19.3 8 by adding ammonism buffers. See a starting at 2 eVC.  According to pH2 with H <sub>2</sub> DO, Sion example at 2 eVC.  File to full consumer without air gap, adding the 93.8 8 by adding ammonism buffers. See a starting at 2 eVC.  According to pH2 with H <sub>2</sub> DO, Sion example at 2 eVC.  File to full consumer without air gap, adding to pH2 with H <sub>2</sub> DO, Sion example at 2 eVC.  File to full consumer without air gap, adding to pH2 with H <sub>2</sub> DO, Sion example at 2 eVC.  File to full consumer without air gap, adding to pH2 with H <sub>2</sub> DO, Sion example at 2 eVC.  File to full consumer without air gap, adding to pH2 with H <sub>2</sub> DO, Sion example at 2 eVC.  File to full consumer without air gap, adding to pH2 with H <sub>2</sub> DO, Sion example at 2 eVC.  File to full consumer without air gap, add 2 goos of 20th Sion example at 2 eVC.  File to full consumer without air gap, add 2 goos of 20th Sion example at 2 eVC.  File to full consumer without air gap, add 2 goos of 20th Sion example at 2 eVC.  File to full consumer without air gap, add 2 goos of 20th Sion example at 2 eVC.  File to full consumer without air gap, add 2 goos of 20th Sion example at 2 eVC.  File to full consumer without air gap, add 2 goos of 20th Sion example at 2 eVC.  According to gap, add 2 eVC.  According		TO THE TAXABLE PROPERTY OF THE PERSON OF THE				
Amber Class; washed with nitric acid  without air gap, adjust after 9.9.3 by adding amount of 2019  The common bullet is treated an application of 2019  The common forease 2 Total Hospicoseuspop  1000 mt.  25 mt.  PE, washed with nitric acid  Ander Class; washed with nitric acid  Ander Class; washed with nitric acid  Fill to full container without air gap, acidly to pH 2 with 14,500, and store septie at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store septie at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store septie at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store septie at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store septie at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store septie at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store septie at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store septie at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store septie at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store septie at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store at 2 aft C  Fill to full container without air gap, acidly to pH 2 with 14,500, and store at 2 aft C  Acidly to pH 2 with 14,500, and store at 2 aft C  Acidly to pH 2 with 14,500, and 15 an				500 mL	Amber Glass, washed with pesticide grade acetone	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , and store sample at 2-8°C
150 mL 15				95 mL		without air gap, adjust pH to 9.0-9.5 by adding
Solid and Grease & Total Hedrocation   1000 mt   1000		emand (COD)	~	150 mL		Sample at 7-8°C
1000 mL 25 mL 25 mL 26 Sulfide (Remark 5) 27 Formal damyste 28 Sulfide (Remark 5) 29 Total Coliform (Remark 6) 20 Feecal Coliform (Remark 6) 20 Feecal Coliform (Remark 6) 20 Feecal Coliform (Remark 6) 212 mL 25 mL 26 Sulfide 20 Total Coliform (Remark 6) 212 mL 26 Sulfide 20 Total Coliform (Remark 6) 213 ML 25 mL 26 Sulfide 20 Total Coliform (Remark 6) 214 Sulfide 215 mL 26 Sulfide 210 Total N 27 Total N 28 Sulfide 210 Total N 28 And a substitution of the sample at 2-8°C 28 Sulfide 210 ML 28 Sulfide 210 Total N 29 Total Coliform (Remark 6) 212 Sulfide 210 ML 28 Sulfide 210 ML 28 Sulfide 210 ML 28 Sulfide 210 ML 28 Sulfide 210 ML 29 Total Coliform (Remark 6) 20 mL 29 Total Coliform (Remark 6) 20 mL 20 ML 20 Material Sulfide 210 ML 20 M			/	500 mL	Amber Glass; washed with nitric acid	
25 Sulfine (Remark 5)  50 mL  PE, washed win pastioide grade accessory and 25 decided processory	and the second s	olai, Hydrocamon	/	7/25 97		
29 Total Coliform (Remark 6)  125 mL  PE, clean, sterile, add 0.1 ml of 10% Na2 <sub>2</sub> 20, Slore sample at 2*°C  30 Faccal Coliform (Remark 6)  125 mL  PE, clean, sterile, add 0.1 ml of 10% Na2 <sub>2</sub> 20, Slore sample at 2*°C  31 Persistent foam  N.A.  Foam higher than 45 cm (visual estimation)  13 Suffice  100 mL  Amber Class, washed with pesicide grade acetone  Add int ml of 25% EDTA  31 Total-N  100 mL  Accept to pri 2 with PLSO, Slore sample at 2*°C  Accept to pri 2 with PLSO, Slore sample at 2*°C  Accept to pri 2 with PLSO, Slore sample at 2*°C  Accept to pri 2 with PLSO, Slore sample at 2*°C  Accept to pri 2 with PLSO, Slore sample at 2*°C  Accept to pri 2 with PLSO, Slore sample at 2*°C  Accept to pri 2 with PLSO, Slore sample at 2*°C  Accept to pri 2 with PLSO, Slore sample at 2*°C  Accept to pri 2 with PLSO, Slore sample at 2*°C  Accept to pri 2 with PLSO, Slore sample at 2*°C  Accept to pri 2 with PLSO, Slore at anyte at 2*°C  Accept to pri 2 with PLSO, Slore at anyte at 2*°C  Accept to pri 2 with PLSO, Slore at anyte at 2*°C  Accept to pri 2 with PLSO, Slore at anyte at 2*°C  Accept to pri 2 with PLSO, Slore at anyte at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at anyte at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to pri 2 with PLSO, Slore at 2*°C  Accept to			×	25 mL		H <sub>2</sub> SO <sub>4</sub> and store sample at 2-8°C
125 mL PE, clean, sterile, non-reactive Remark 6)  125 mL PE, clean, sterile, non-reactive Remark 6)  125 mL PE, clean, sterile, non-reactive Remark 6, Store sample at 24°C Stor				50 mL	PE, washed with pesticide grade Acetone;	zinc acetate, adjust pH to 9 with 6M NaOH
125 mL 12			~	125 mL	PE, clean, sterile,	
100 mL Amber Class, washed with pesticide grade acetone Add Int. of 25% EDTA Store sample at 2-6°C Store sample at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at 2-6°C Addity to pH 2 with HNO <sub>3</sub> and store at		mark 6)	×	125 mL	non-reactive	
100 mL  Amber Glass, washed with pesticide grade acetore  Add timL of 2.5% EDTA  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addity to pH 2 with Hy5O, Store sample at 2-8°C  Addit			~	N.A.	Foam higher than 45 cm (visu	al estimation): Yes / No
Acidity to pH 2 with HySQ, Store sample at 2-8°C  Acidity to pH 2 with HySQ, Store sample at 2-8°C  Acidity to pH 2 with HySQ, Store sample at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to pH 2 with HyQ, and store at 2-8°C  Acidity to			~	100 mL	Amber Glass, washed with posticide grade acetone	
Store sample at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C  Addiffy to pH 2 with HNO, and store at 2-8°C	W-1/200501775100		/	100 C 100 C		Acidity to pH 2 with H <sub>2</sub> SO <sub>4</sub>
Addity to pH 2 with HNO, and store at 2-8°C  Amber Class; washed with nitric acid;  Without adding acid Store sample at 2-8°C  Orders  Octobers  O		ly bound balleage (ACV)	,	1000 0		
Junious Bacteria Fish Egg. Daphne. Alage.  100 mL  100 mL  Store sample at 2-8°C  Notificial Store sample at	6. Acute aquatic toxicity				Amber Glass;washed with nitric acid:	Acidify to pH 2 with HNO <sub>3</sub> and store at 2-8°C
B Chloride  9 Others  Deservation/ Remark  Personal Commendation of the Commendation o	uminus Bacteria Fish E	gg: Daphne, Alage,	-		000000000000000000000000000000000000000	
9. Others  Deservation/ Remarks:  Individual sampling can be performed upon request  The military 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.  Scope of ZDHC guideline Parameter 1-9, 12, 14-17, 19-26, 28, 29, 31-35.  Scope of synthetic leather industry: Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38.  Scope of MMCF Parameter 5, 15, 17, 19-21, 23-26, 28, 33-36.  Free primary aromatic amine, pesticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guidline, they are tested upon request.  Refer to CPSD-AN-G00019-STIPO1, loactions with those CPSD test capability inside TCD matrix can perform the combined test.  Refer to CPSD-AN-000570-MTHD for additional protrealment of sulfide if only dissolved sulfide is required to be tested.  Befor to CPSD-AN-00513-MTHD for preparation of field blank for specific parameters.  Full name: .  Date: 04.09.204			-			Without adding acid Store sample at 2-8°C
Remarks: Individual sampling can be parformed upon request The midwidual sampling can be parformed upon request The midwidual 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.  Scope of ZDHC guideline Parameter 1-9, 12, 14-17, 19-26, 28, 29, 31-35  Scope of synthetic leather industry: Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 5, 15, 17, 19-21, 23 - 26, 28, 33-36  Firee primary aromatic amine, pesticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guideline, they are tested upon request.  Refer to CPSD-AN-G00019-STIP01, locations with those CPSD test capability inside TCD matrix can perform the combined test.  Refer to CPSD-AN-000570-MTHD for additional pretreatment of sulfide if only dissolved sulfide is required to be tested.  Befor to CPSD-AN-00513-MTHD for preparation of field blank for specific parameters  Full name: .  Date: Description of the parameter is 6 hours with no more than one hour between discrete samples. Sampling time could be adjusted upon request.  Scope of ZDHC Quideline, Parameter 1-9, 12, 14-17, 19-26, 28, 29, 31-35  Scope of MMCF Parameter 1-9, 12, 14-17, 19-26, 28, 29, 31-35  Scope of MMCF Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter	ACCURAGE CONTRACTOR	2 1	-	100 mL		
Remarks:  Individual sampling can be parformed upon request  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.  Scope of ZDHC guideline Parameter 1-9, 12, 14-17, 19-26, 28, 29, 31-35  Scope of synthetic leather industry: Parameter 1-9, 12, 14-21, 23-26, 28, 30, 31, 33, 34, 37, 38  Scope of MMCF Parameter 5, 15, 17, 19-21, 23 - 26, 28, 33-36  Fire primary aromatic amine, pesticides, nitrosamine and formaldehyda are not in the scope of ZDHC Guidline, they are tested upon request.  Refer to CPSD-AN-G00019-STIP01, locations with those CPSD test capability inside TCD matrix can perform the combined test.  Refer to CPSD-AN-000370-MTHD for additional prefreshment of sulfider if only dissolved sulfide is required to be tested.  Refer to CPSD-AN-00013-MTHD for pregaration of field blank for specific parameters  Full name: .  Date: DQ-2-20-24  Full name: .	20-20-00-150-150		1			
Full name: .	Individual sampling can The midmum sampling Scope of ZDHC guidelin Scope of MMCF I Free primary aromatic a Refer to CPSD-AN-GOO Refer to CPSD-AN-GOO Refer to CPSD-AN-GOO Scorded by.	time for 2019 ZDHC guideline Parameter 1-9, 12, 14-17, ner industry: Parameter 1-9, 14, 14-17, Parameter 5, 15, 17, 19-21, 2, months of the parameter 5, 15, 17, 19-21, 2, parameter 5, 15, 17, 19-21, 2, parameter 5, 15, 17, 19-21, 2, parameter 5, 10, 17, 17, 17, 17, 17, 17, 17, 17, 17, 17	19-26 28 29 3 2, 14-21, 23-26, 3 - 26, 28, 33-36 and formaldehy- nose CPSD test c reatment of sulfid weld blank for spe-	1-35 28, 30, 31, 33, 34 de are not in the apability inside T e if only dissolve cific parameters	4, 37, 38 scope of ZDHC Guidline, they are tested upon re CD matrix can perform the combined test. d sulfide is required to be tested.	equest
	F	full name: .			_	
	inment from factory					
knowledgement by factory	knowledgement by facto				# T	
eretly confirmed that Bureau Ventas has completed the stated sampling activity at captioned date, time and location. All sample(s) isfan collected in deciration	knowledgement by factor eretry confirmed that Bur	reau Veritas has completed th	ne stated samplin	g activity at capti	oned date, time and location. All sample(s) is/are	collected in desinated
	knowledgement by factor ereby confirmed that Bur ntainer(s) and without an	reau Veritas has completed they observation in leakage. Sa	mple(s) collected	by Bureau Verita	as is/are stored in portable freezer / fridge that is r	naintained in 16°C