

**TEST REPORT NO.:****BR2103966 Rev. 0****Date: Nov 04 2021****Page:1 of 28****CLIENT DETAILS**

Client Name: VICUNHA TEXTIL S/A.  
Client Contact: POLIANA  
Telephone: --  
Email: p.pimentel@vicunha.com.br,br.crsr  
elatorios@sgs.com,jessica.marque  
s@sgs.com  
Address: ROD DR. MENDEL STEINBRUCH  
S/N  
KM 09 SETOR SI  
MARACANAU, CE 61901410  
BRAZIL

**LABORATORY DETAILS**

SGS Affiliate: SGS do Brasil Ltda.  
Lab Contact: Alessandra Shimizu  
Telephone: +55 11 3883-8867  
Email: alessandra.shimizu@sgs.com  
Address: Av. Piracema, 1341  
Barueri - São Paulo  
Brasil

**SGS SAMPLE ID: BR2103966.002****FACTORY DETAILS**

Factory Name: VICUNHA TÊXIL S.A.  
Factory Contact: Carine Queiroga  
Telephone: (85) 4008-1444  
Email: c.queiroga@vicunha.com.br  
Address: Av. Parque Sul S/N - Distrito Industrial - Maracanaú - CE  
Discharge Destination: To Municipal Waste Water Treatment Plant  
Types of Mills: (9)Washing, (13)Others, Dyeing  
Name of Municipal/Centralized ETP: Cagece  
Address of Municipal/Centralized ETP: CE

**SAMPLE AND TESTING DETAILS**

Sampling Country: Brazil  
Sampling Engineer: Jefferson Santos (8F146506869)  
Sample Time: 08:52  
Sampling End Time: 14:52  
No. of Samples: 11 Samples  
Sample Descriptions: BRUTO - Wastewater before treatment  
Sample Volume: 1300ML  
Testing Institute: SGS do Brasil Ltda  
Discharge Method: Indirect Discharge

**SGS SAMPLE ID: BR2103966.003****SAMPLE AND TESTING DETAILS**

Sample Time: 09:00  
Sampling End Time: 15:07  
No. of Samples: 14 Samples  
Sample Descriptions: TRATADO - Discharged Wastewater  
Sample Volume: 1900ML

**The informations above was provided by or on behalf of the customer.**

Proposal Number: PR21-198652  
Sample Received Date: Sep 27 2021

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**TEST REPORT NO.:**

**BR2103966 Rev. 0**

**Date: Nov 04 2021**

**Page:2 of 28**

Test Performing Period: Sep 28 2021 - Nov 04 2021  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).  
Technical Responsibility : Alessandra Shimizu - Laboratory Manager CRQ 04245592

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:3 of 28</b>
-------------------------	-------------------------	--------------------------	---------------------

**OVERALL RESULTS**

	<b>Incoming Water</b>	<b>Raw Waste Water</b>	<b>Discharged Waste Water</b>
Conventional Parameters/ Anion/ Metals	Not Tested	Fulfill Aspirational Limit	Exceed Foundational Limit
MRSL Parameters	Not Tested	Not Detected	Not Detected

**REMARKS**

1. This test document cannot be reproduced in any way, except in full content, without prior approval in writing by the laboratory.
2. The results shown in this test report refer only to the sampling and the sample(s) tested unless otherwise stated.
3. For indirect discharge, factory performance against ZDHC requirements for conventional parameters, anions and metals for Discharged Waste Water are for reference only. Actual factory performance on Discharged Waste Water should be compared with the discharged license of the factory.

Signed for and on behalf of  
SGS do Brasil Ltda.



Alessandra Shimizu  
Laboratory Manager CRQ 04245592

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:4 of 28</b>
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### RESULT SUMMARY

Factory Name:  
Factory Address:

TEST ITEMS	Incoming Water	Raw Waste Water	Discharged Waste Water
<b>Conventional Parameters</b>			Please refer to the information in TEST RESULTS
Average Waste Water Flow §	N/A	N/A	X
Ammonia Nitrogen §	N/A	N/A	X
Determination of AOX §	N/A	N/A	X
Biochemical Oxygen Demand (BOD) §	N/A	N/A	X
Chemical Oxygen Demand §	N/A	N/A	X
Total Coliforms §	N/A	N/A	X
Color §	N/A	N/A	X
Sampling §	N/A	N/A	X
Oil and Grease in Water (Gravimetric) §	N/A	N/A	X
pH §	N/A	N/A	X
Sulfide. Methylene Blue Method §	N/A	N/A	0
Sulfite §	N/A	N/A	X
Temperature §	N/A	N/A	X
Determination of Total Nitrogen §	N/A	N/A	X
Phenol §	N/A	N/A	0
Determination of Total Phosphorus §	N/A	N/A	X
Total Suspended Solids (TSS) §	N/A	N/A	X
Total Cyanide §	N/A	N/A	0
Heavy Metals	N/A	0	0

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:5 of 28</b>
-------------------------	-------------------------	--------------------------	---------------------

TEST ITEMS	Incoming Water	Raw Waste Water	Discharged Waste Water
<b>Conventional Parameters</b>			Please refer to the information in TEST RESULTS
Total Hexavalent Chromium	N/A	0	0
Alkylphenols (APEOs)	N/A	0	0
Alkylphenols (APEOs)	N/A	0	0
Chlorobenzenes and Chlorotoluenes	N/A	0	0
Chloro- Phenols	N/A	0	0
Banned Amines (Associated with Azo dyes)	N/A	0	0
Carcinogenic dyes and Disperse dyes	N/A	0	0
Halogenated Flame retardants	N/A	0	0
Short Chain Chlorinated Paraffins (SCCP) with C10-C13	N/A	0	0
Glycols	N/A	0	0
Halogenated Solvents	N/A	0	0
Organotin Compounds	N/A	0	0
Phthalates	N/A	0	0
PFCs (Perfluorocarbon / Polyfluorinated Compounds)	N/A	0	0
Polycyclic Aromatic Hydrocarbons (PAHs)	N/A	0	0
Volatile organic compounds (VOCs)	N/A	0	0

**Note :**

- X - Detected
- O - Not Detected
- N/A - Not Tested

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TEST REPORT NO.:	BR2103966 Rev. 0	Date: Nov 04 2021	Page:6 of 28
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### TEST RESULTS

Factory Name:  
Factory Address:

Sample ID	001	002	003	ZDHC REQUIREMENTS						Factory Performance			
Date Sampled	-	09/22/2021	09/22/2021										
Sampling Location	-	ETE	ETE										
Sampling Start Time	-	08:52	09:00										
Sampling End Time	-	14:52	15:07										
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021										

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
<b>Average Waste Water Flow § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.</b>													
Average Flow		-	-	N/A	N/A	20000.000	SMWW 23ª Edição, método 1060; IT.10-412/11	-	-	-	N/A	N/A	Detected
<b>Ammonia Nitrogen § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.</b>													
Ammonium Nitrogen as N		0.050	mg/L	N/A	N/A	0.343	USEPA 350.1	10	1	0,5	N/A	N/A	Fulfill Aspirational Limit
<b>Determination of AOX § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.</b>													
AOX		0.050	mg/L	N/A	N/A	0.929	IT 10-636	5	1	0,1	N/A	N/A	Fulfill Progressive Limit
<b>Biochemical Oxygen Demand (BOD) § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.</b>													
Biochemical Oxygen Demand		0.400	mg/L	N/A	N/A	23.117	APHA 5210B	30	15	5	N/A	N/A	Fulfill Foundational Limit
<b>Chemical Oxygen Demand § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.</b>													
Chemical Oxygen Demand		20.000	mg/L	N/A	N/A	73.000	APHA 5220 D	150	80	40	N/A	N/A	Fulfill Progressive Limit
<b>Total Coliforms § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.</b>													
Total Coliforms		1.000	Bacteria / 100ml	N/A	N/A	2419.600	APHA 9223 B	400	100	25	N/A	N/A	Exceed Foundational Limit
<b>Color § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.</b>													
Color (436 nm)		1.100	m <sup>-1</sup>	N/A	N/A	16.400	ISO 7887-B:2011(E)	7	5	2	N/A	N/A	Exceed Foundational Limit
Color (525 nm)		0.500	m <sup>-1</sup>	N/A	N/A	10.200	ISO 7887-B:2011(E)	5	3	1	N/A	N/A	Exceed Foundational Limit
Color (620 nm)		0.500	m <sup>-1</sup>	N/A	N/A	9.100	ISO 7887-B:2011(E)	3	2	1	N/A	N/A	Exceed Foundational Limit
<b>Sampling § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.</b>													
Foam		-	-	N/A	N/A	Not Visible	IT 10-412	Not visible	Not visible	Not visible	N/A	N/A	Fulfill Aspirational Limit
<b>Oil and Grease in Water (Gravimetric) § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.</b>													
Oil and Grease		2.000	mg/L	N/A	N/A	112.000	USEPA 1664	10	2	0,5	N/A	N/A	Exceed Foundational Limit
<b>pH § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.</b>													
pH		-	-	N/A	N/A	8.850	ISO 10523	6-9	6-9	6-9	N/A	N/A	Fulfill Aspirational Limit

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TEST REPORT NO.:	BR2103966 Rev. 0	Date: Nov 04 2021	Page:7 of 28
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Sample ID	001	002	003										
Date Sampled	-	09/22/2021	09/22/2021										
Sampling Location	-	ETE	ETE										
Sampling Start Time	-	08:52	09:00										
Sampling End Time	-	14:52	15:07										
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021										

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	ZDHC REQUIREMENTS			Factory Performance		
								Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water

**Sulfide. Methylene Blue Method § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.**

Sulfide		0.050	mg/L	N/A	N/A	n.d.	APHA 4500 S2 - D	0,5	0,05	0,01	N/A	N/A	Fulfill Progressive Limit
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**Sulfite § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.**

Sulfite		0.500	mg/L	N/A	N/A	9029.230	ISO 10304-3	2	0,5	0,2	N/A	N/A	Exceed Foundational Limit
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**Temperature § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.**

Effluent Temperature		-	°C	N/A	N/A	32.100	USEPA 170.1	35	30	25	N/A	N/A	Fulfill Foundational Limit
Delta (Effluent-Ambient)			°C	N/A	N/A	0.100	USEPA 170.1	15	10	5	N/A	N/A	Fulfill Aspirational Limit

**Determination of Total Nitrogen § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.**

Total Nitrogen		0.200	mg/L	N/A	N/A	0.943	SMEWW-APHA-A WWA-WEF Part 4500-P J: 2012; 23rd Ed.- Persulfate Method for Simultaneous Determination of Total Nitrogen and Total Phosphorus	20	10	5	N/A	N/A	Fulfill Aspirational Limit
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**Phenol § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.**

Phenol		0.002	mg/L	N/A	N/A	n.d.	APHA 5530B C&D	0,5	0,01	0,001	N/A	N/A	Fulfill Progressive Limit
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**Determination of Total Phosphorus § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.**

Total Phosphorus		0.020	mg/L	N/A	N/A	0.112	SMEWW-APHA-A WWA-WEF Part 4500-P J: 2012; 23rd Ed.- Persulfate Method for Simultaneous Determination of Total Nitrogen and Total Phosphorus	3	0,5	0,1	N/A	N/A	Fulfill Progressive Limit
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**Total Suspended Solids (TSS) § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.**

Total Suspended Solids		10.000	mg/L	N/A	N/A	101.000	APHA 2450 D	50	15	5	N/A	N/A	Exceed Foundational Limit
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**Total Cyanide § Suncontracted to an SGS Laboratory – São Bernardo do Campo, SP.**

Total Cyanide		0.050	mg/L	N/A	N/A	n.d.	APHA 4500 CN-F	0,2	0,1	0,05	N/A	N/A	Fulfill Aspirational Limit
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**Heavy Metals**

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:8 of 28</b>
-------------------------	-------------------------	--------------------------	---------------------

				Sample ID	001	002	003						
				Date Sampled	-	09/22/2021	09/22/2021						
				Sampling Location	-	ETE	ETE						
				Sampling Start Time	-	08:52	09:00						
				Sampling End Time	-	14:52	15:07						
				Date of Sample Received	09/20/2021	09/20/2021	09/20/2021	ZDHC REQUIREMENTS			Factory Performance		
Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
Total Antimony	7440-36-0	0.010	mg/L	N/A	n.d.	n.d.	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	0,1	0,05	0,01	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit
Total Arsenic	7440-38-2	0.005	mg/L	N/A	n.d.	n.d.	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	0,05	0,01	0,005	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit
Total Cadmium	7440-43-9	0.010	mg/L	N/A	n.d.	n.d.	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	0,1	0,05	0,01	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit
Total Cobalt	7440-48-4	0.010	mg/L	N/A	n.d.	n.d.	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	0,05	0,02	0,01	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit
Total Copper	7440-50-8	0.250	mg/L	N/A	n.d.	n.d.	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	1	0,5	0,25	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit
Total Lead	7439-92-1	0.010	mg/L	N/A	n.d.	n.d.	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	0,1	0,05	0,01	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit
Total Mercury	7439-97-6	0.001	mg/L	N/A	n.d.	n.d.	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	0,01	0,005	0,001	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit

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-------------------------	-------------------------	--------------------------	---------------------

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Date Sampled	-	09/22/2021	09/22/2021						
Sampling Location	-	ETE	ETE						
Sampling Start Time	-	08:52	09:00						
Sampling End Time	-	14:52	15:07						
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021						

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
Total Nickel	7440-02-0	0.050	mg/L	N/A	n.d.	n.d.	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	0,2	0,1	0,05	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit
Total Silver	7440-22-4	0.005	mg/L	N/A	n.d.	n.d.	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	0,1	0,05	0,005	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit
Total Zinc	7440-66-6	0.500	mg/L	N/A	n.d.	n.d.	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	5,0	1,0	0,5	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit

**Total Hexavalent Chromium**

Total Hexavalent Chromium	7440-47-3, 18540-29-9	0.001	mg/L	N/A	n.d.	n.d.	With reference to USEPA 218.6, ISO 18412, GB 7467 or Solvent extraction and derivatisation followed by UV/Vis analysis	0,05	0,005	0,001	N/A	Fulfill Aspirational Limit	Fulfill Aspirational Limit
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**Alkylphenols (APEOs)**

Nonylphenol ethoxylates (NPEO)	Multiple, including 140-66-9, 1806-26-4,	5.000	µg/L	N/A	n.d.	n.d.	With reference to DIN EN ISO 18857 or ASTM D7065 followed by LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Octylphenol ethoxylates (OPEO)	Multiple, including 9002-93-1, 9036-19-5	5.000	µg/L	N/A	n.d.	n.d.	With reference to DIN EN ISO 18857 or ASTM D7065 followed by LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

**Alkylphenols (APEOs)**

Octylphenol (OP), mixed isomers	Multiple, including 140-66-9, 1806-26-4,	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN EN ISO 18857 or ASTM D7065 followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Nonylphenol (NP), mixed isomers	Multiple, including 104-40-5, 11066-49-2	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN EN ISO 18857 or ASTM D7065 followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

**Chlorobenzenes and Chlorotoluenes**

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:10 of 28</b>
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				Sample ID	001	002	003						
				Date Sampled	-	09/22/2021	09/22/2021						
				Sampling Location	-	ETE	ETE						
				Sampling Start Time	-	08:52	09:00						
				Sampling End Time	-	14:52	15:07						
				Date of Sample Received	09/20/2021	09/20/2021	09/20/2021	ZDHC REQUIREMENTS			Factory Performance		
Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
1,2,3,4-Tetrachlorobenzene	634-66-2	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
1,2,3,5-Tetrachlorobenzene	634-90-2	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
1,2,3-Trichlorobenzene	87-61-6	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
1,2,4,5-Tetrachlorobenzene	95-94-3	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
1,2,4-Trichlorobenzene	120-82-1	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
1,2-Dichlorobenzene	95-50-1	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
1,3,5-Trichlorobenzene	108-70-3	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
1,3-Dichlorobenzene	541-73-1	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
1,4-Dichlorobenzene	106-46-7	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2,3,4,5-Tetrachlorotoluene	76057-12-0	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:11 of 28</b>
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				Sample ID	001	002	003						
				Date Sampled	-	09/22/2021	09/22/2021						
				Sampling Location	-	ETE	ETE						
				Sampling Start Time	-	08:52	09:00						
				Sampling End Time	-	14:52	15:07						
				Date of Sample Received	09/20/2021	09/20/2021	09/20/2021						
							ZDHC REQUIREMENTS			Factory Performance			
Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
2,3,4,6 Tetrachlorotoluene	875-40-1	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2,3,4 Trichlorotoluene	7359-72-0	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2,3,5,6 Tetrachlorotoluene	29733-70-8	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2,3,6-Trichlorotoluene	2077-46-5	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2,3-Dichlorotoluene	32768-54-0	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2,4,5-Trichlorotoluene	6639-30-1	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2,4,6-Trichlorotoluene	23749-65-7	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2,4-Dichlorotoluene	95-73-8	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2,5-Dichlorotoluene	19398-61-9	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2,6-Dichlorotoluene	118-69-4	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:12 of 28</b>
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				Sample ID	001	002	003						
				Date Sampled	-	09/22/2021	09/22/2021						
				Sampling Location	-	ETE	ETE						
				Sampling Start Time	-	08:52	09:00						
				Sampling End Time	-	14:52	15:07						
				Date of Sample Received	09/20/2021	09/20/2021	09/20/2021	ZDHC REQUIREMENTS			Factory Performance		
Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
2-Chlorotoluene	95-49-8	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
3,4,5 Trichlorotoluene	21472-86-6	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
3,4-Dichlorotoluene	95-75-0	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
3,5-Dichlorotoluene	25186-47-4	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
3-Chlorotoluene	108-41-8	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
4-Chlorotoluene	106-43-4	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Hexachlorobenzene	118-74-1	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Monochlorobenzenes	108-90-7	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Pentachlorobenzene	608-93-5	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Pentachlorotoluene	877-11-2	0.200	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, USEPA 8270D or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

**Chloro- Phenols**

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:13 of 28</b>
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Sample ID	001	002	003					<b>ZDHC REQUIREMENTS</b>			<b>Factory Performance</b>		
Date Sampled	-	09/22/2021	09/22/2021										
Sampling Location	-	ETE	ETE										
Sampling Start Time	-	08:52	09:00										
Sampling End Time	-	14:52	15:07										
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021										

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
2,3,4,5-Tetrachlorophenol	4901-51-3	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2,3,4,6-Tetrachlorophenol	58-90-2	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2,3,4-Trichlorophenol	15950-66-0	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2,3,5,6-Tetrachlorophenol	935-95-5	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2,3,5-Trichlorophenol	933-78-8	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2,3,6-Trichlorophenol	933-75-5	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2,3-dichlorophenol	576-24-9	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:14 of 28</b>
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				Sample ID	001	002	003						
				Date Sampled	-	09/22/2021	09/22/2021						
				Sampling Location	-	ETE	ETE						
				Sampling Start Time	-	08:52	09:00						
				Sampling End Time	-	14:52	15:07						
				Date of Sample Received	09/20/2021	09/20/2021	09/20/2021	ZDHC REQUIREMENTS			Factory Performance		
Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
2,4,5-Trichlorophenol	95-95-4	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2,4,6-Trichlorophenol	88-06-2	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2,4-dichlorophenol	120-83-2	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2,5-dichlorophenol	583-78-8	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2,6-dichlorophenol	87-65-0	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
2-chlorophenol	95-57-8	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
3,4,5-Trichlorophenol	609-19-8	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:15 of 28</b>
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Sample ID	001	002	003					<b>ZDHC REQUIREMENTS</b>			<b>Factory Performance</b>		
Date Sampled	-	09/22/2021	09/22/2021										
Sampling Location	-	ETE	ETE										
Sampling Start Time	-	08:52	09:00										
Sampling End Time	-	14:52	15:07										
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021										

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
3,4-dichlorophenol	95-77-2	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
3,5-dichlorophenol	591-35-5	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
3-chlorophenol	108-43-0	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
4-chlorophenol	106-48-9	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Pentachlorophenols (PCP)	87-86-5	0.500	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 14154 or solvent extraction and derivatization with KOH, acetic anhydride followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected

**Banned Amines (Associated with Azo dyes)**

2,4,5-trimethylaniline	137-17-7	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
2,4-Xylidine	95-68-1	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:16 of 28</b>
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				Sample ID	001	002	003						
				Date Sampled	-	09/22/2021	09/22/2021						
				Sampling Location	-	ETE	ETE						
				Sampling Start Time	-	08:52	09:00						
				Sampling End Time	-	14:52	15:07						
				Date of Sample Received	09/20/2021	09/20/2021	09/20/2021	ZDHC REQUIREMENTS			Factory Performance		
Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
2,6-Xylidine	87-62-7	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
2-naphthylamine	91-59-8	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
3,3'-dimethoxybenzidine	119-90-4	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
3,3'-dimethylbenzidine	119-93-7	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
3,3'-dichlorobenzidine	91-94-1	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
4,4'-Methylene-dio-toluidine	838-88-0	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:17 of 28</b>
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				Sample ID	001	002	003						
				Date Sampled	-	09/22/2021	09/22/2021						
				Sampling Location	-	ETE	ETE						
				Sampling Start Time	-	08:52	09:00						
				Sampling End Time	-	14:52	15:07						
				Date of Sample Received	09/20/2021	09/20/2021	09/20/2021	ZDHC REQUIREMENTS			Factory Performance		
Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
4,4'-methylenedianiline	101-77-9	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
4,4'-Oxydianiline	101-80-4	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
4,4'-Thiodianiline	139-65-1	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
4-aminoazobenzene	60-09-3	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
4-Aminodiphenyl	92-67-1	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
4-chloro-o-toluidine	95-69-2	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
4-chloroaniline	106-47-8	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:18 of 28</b>
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				Sample ID	001	002	003						
				Date Sampled	-	09/22/2021	09/22/2021						
				Sampling Location	-	ETE	ETE						
				Sampling Start Time	-	08:52	09:00						
				Sampling End Time	-	14:52	15:07						
				Date of Sample Received	09/20/2021	09/20/2021	09/20/2021						
							ZDHC REQUIREMENTS			Factory Performance			
Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
4-methoxy-m-phenylenediamine	615-05-4	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
4-methyl-m-phenylenediamine	95-80-7	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
5-nitro-o-toluidine	99-55-8	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
6-methoxy-m-toluidine	120-71-8	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
Benzidine	92-87-5	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
o-aminoazotoluene	97-56-3	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected
O-Anisidine	90-04-0	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:19 of 28</b>
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Sample ID	001	002	003	ZDHC REQUIREMENTS						Factory Performance			
Date Sampled	-	09/22/2021	09/22/2021										
Sampling Location	-	ETE	ETE										
Sampling Start Time	-	08:52	09:00										
Sampling End Time	-	14:52	15:07										
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021										

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
o-toluidine	95-53-4	0.100	µg/L	N/A	n.d.	n.d.	With reference to EPA 8270D, EN 14362 or Solvent extraction with sodium dithionite reduction followed by GC/MS and HPLC analysis.	-	-	-	N/A	Not Detected	Not Detected

**Carcinogenic dyes and Disperse dyes**

Acid Red 26	3761-53-3	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Basic Blue 26	2580-56-5	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Basic Green 4 (Malachite green chloride)	569-64-2	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Basic Green 4 (Malachite green oxalate)	2437-29-8	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Basic Green 4 (malachite green)	10309-95-2	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Basic Red 9	569-61-9	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Basic Violet 14	632-99-5	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Direct Black 38	1937-37-7	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Direct Blue 6	2602-46-2	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Direct Red 28	573-58-0	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Blue 1	2475-45-8	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Blue 3	2475-46-9	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Orange 11	82-28-0	500.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Blue 102	12222-97-8	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Blue 106	12223-01-7	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Blue 124	61951-51-7	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Blue 26	3860-63-7	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:20 of 28</b>
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Sample ID	001	002	003	ZDHC REQUIREMENTS						Factory Performance			
Date Sampled	-	09/22/2021	09/22/2021										
Sampling Location	-	ETE	ETE										
Sampling Start Time	-	08:52	09:00										
Sampling End Time	-	14:52	15:07										
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021										

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
Disperse Blue 35	12222-75-2,56524-7-7	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Blue 7	3179-90-6	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Brown 1	23355-64-8	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Orange 1	2581-69-3	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Orange 3	730-40-5	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Orange 37/59/76	13301-61-6	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Red 1	2872-52-8	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Red 11	2872-48-2	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Red 17	3179-89-3	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Yellow 1	119-15-3	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Yellow 3	2832-40-8	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Yellow 39	12236-29-2	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Yellow 49	54824-37-2	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Disperse Yellow 9	6373-73-5	50.000	µg/L	N/A	n.d.	n.d.	Solvent extraction followed by LC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected

**Halogenated Flame retardants**

2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Bis(2,3-dibromopropyl)phosphate (BIS)	5412-25-9	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:21 of 28</b>
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				Sample ID	001	002	003						
				Date Sampled	-	09/22/2021	09/22/2021						
				Sampling Location	-	ETE	ETE						
				Sampling Start Time	-	08:52	09:00						
				Sampling End Time	-	14:52	15:07						
				Date of Sample Received	09/20/2021	09/20/2021	09/20/2021						
							ZDHC REQUIREMENTS			Factory Performance			
Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
Decabromo diphenyl ethers (DecaBDE)	1163-19-5	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Hexabromocyclododecane (HBCDD)	134237-50-6,134237-51-7,134237-52-8	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Octabromo diphenyl ethers (OctaBDE)	32536-52-0	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Pentabromo diphenyl ethers (PentaBDE)	32534-81-9	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Polybrominated biphenyls (PBBs)	59536-65-1 various	5.000	µg/L	N/A	N/A	N/A	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	N/A	N/A
Tetrabromobisphenol A (TBBPA)	79-94-7	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Tris(aziridinyl)-phosphineoxide (TEPA)	545-55-1	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Tris(2,3-Dibromopropyl)-Phosphate (TRIS)	126-72-7	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:22 of 28</b>
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Sample ID	001	002	003	ZDHC REQUIREMENTS			Factory Performance		
Date Sampled	-	09/22/2021	09/22/2021						
Sampling Location	-	ETE	ETE						
Sampling Start Time	-	08:52	09:00						
Sampling End Time	-	14:52	15:07						
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021						

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

#### Short Chain Chlorinated Paraffins (SCCP) with C10-C13

Short Chained Chlorinated Paraffins (SCCP)	85535-84-8	5.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 527, USEPA 8321B, ISO 22032 or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
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#### Glycols

2-Ethoxyethanol	110-80-5	50.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2-Ethoxyethyl acetate	111-15-9	50.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2-Methoxyethanol	109-86-4	50.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2-Methoxyethylacetate	110-49-6	50.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
2-Methoxypropylacetate	70657-70-4	50.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Bis(2-methoxyethyl)-ether	111-96-6	50.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Ethylene glycol dimethyl ether	110-71-4	50.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Triethylene glycol dimethyl ether	112-49-2	50.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D or Solvent extraction followed by GC/MS or LC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

#### Halogenated Solvents

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:23 of 28</b>
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Items	CAS No.	Reporting Limit	Unit	Sample ID			METHODS	ZDHC REQUIREMENTS			Factory Performance		
				001	002	003		Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
				Date Sampled	09/22/2021	09/22/2021							
				Sampling Location	ETE	ETE							
				Sampling Start Time	08:52	09:00							
				Sampling End Time	14:52	15:07							
				Date of Sample Received	09/20/2021	09/20/2021							
1,2-Dichloroethane	107-06-2	1.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, Purge&Trap, Head-space or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Methylene chloride	75-09-2	1.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, Purge&Trap, Head-space or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Tetrachloroethylene	127-18-4	1.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, Purge&Trap, Head-space or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Trichloroethylene	79-01-6	1.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, Purge&Trap, Head-space or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
<b>Organotin Compounds</b>													
Mono-, di- and tri-butyltin derivatives	Multiple	0.010	µg/L	N/A	n.d.	n.d.	With reference to ISO17353 and derivatization with sodium diethyl dithiocarbamate followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Mono-, di- and tri-methyltin derivatives	Multiple	0.010	µg/L	N/A	n.d.	n.d.	With reference to ISO17353 and derivatization with sodium diethyl dithiocarbamate followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Mono-, di- and tri-octyltin derivatives	Multiple	0.010	µg/L	N/A	n.d.	n.d.	With reference to ISO17353 and derivatization with sodium diethyl dithiocarbamate followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
Mono-, di- and tri-phenyltin derivatives	Multiple	0.010	µg/L	N/A	n.d.	n.d.	With reference to ISO17353 and derivatization with sodium diethyl dithiocarbamate followed by GC/MS analysis.	-	-	-	N/A	Not Detected	Not Detected
<b>Phthalates</b>													

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:24 of 28</b>
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Sample ID	001	002	003	ZDHC REQUIREMENTS						Factory Performance			
Date Sampled	-	09/22/2021	09/22/2021										
Sampling Location	-	ETE	ETE										
Sampling Start Time	-	08:52	09:00										
Sampling End Time	-	14:52	15:07										
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021										

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
1,2-Benzenedicarboxylic acid, Di-C6-8 Branched Alkyl Esters, C7-rich (DIHP)	71888-89-6	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
1,2-Benzenedicarboxylic acid, Di-C7-11 Branched and Linear Alkyl Esters (DHNUP)	68515-42-4	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Bis(2-methoxyethyl)phthalate (DMEP)	117-82-8	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Benzyl Butyl Phthalate (BBP)	85-68-7	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Di(2-Ethyl Hexyl) Phthalate(DEHP)	117-81-7	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Dicyclohexyl Phthalate (DCHP)	84-61-7	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Di-Iso-Decyl Phthalate (DIDP)	26761-40-0, 68515-49-1	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Di-iso-octyl Phthalate (DIOP)	27554-26-3	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Di-Iso-Butyl Phthalate (DIBP)	84-69-5	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Di-Iso-Nonyl Phthalate (DINP)	28553-12-0, 68515-48-0	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Di-N-Hexyl Phthalate (DNHP)	84-75-3	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Di-N-Octyl Phthalate (DNOP)	117-84-0	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:25 of 28</b>
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Sample ID	001	002	003	ZDHC REQUIREMENTS						Factory Performance			
Date Sampled	-	09/22/2021	09/22/2021										
Sampling Location	-	ETE	ETE										
Sampling Start Time	-	08:52	09:00										
Sampling End Time	-	14:52	15:07										
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021										

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
Di-N-Propyl Phthalate (DPrP)	131-16-8	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Di-Butyl Phthalate (DBP)	84-74-2	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Diethyl Phthalate (DEP)	84-66-2	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Dinonyl Phthalate (DNP)	84-76-4	10.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8270D, ISO 18856, or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

**PFCs (Perfluorocarbon / Polyfluorinated Compounds)**

6:2 FTOH	647-42-7	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN38407-42 or CEN/TS 15968 and followed by LC/MS or LC/MS/MS analysis	-	-	-	N/A	Not Detected	Not Detected
8:2 FTOH	678-39-7	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN38407-42 or CEN/TS 15968 and followed by LC/MS or LC/MS/MS analysis	-	-	-	N/A	Not Detected	Not Detected
PFBS	375-73-5, 59933-66-3	0.010	µg/L	N/A	n.d.	n.d.	With reference to DIN38407-42 or CEN/TS 15968 and followed by LC/MS or LC/MS/MS analysis	-	-	-	N/A	Not Detected	Not Detected
PFHXA	307-24-4	0.010	µg/L	N/A	n.d.	n.d.	With reference to DIN38407-42 or CEN/TS 15968 and followed by LC/MS or LC/MS/MS analysis	-	-	-	N/A	Not Detected	Not Detected
PFOA	335-67-1	0.010	µg/L	N/A	n.d.	n.d.	With reference to DIN38407-42 or CEN/TS 15968 and followed by LC/MS or LC/MS/MS analysis	-	-	-	N/A	Not Detected	Not Detected
PFOS	1763-23-1	0.010	µg/L	N/A	n.d.	n.d.	With reference to DIN38407-42 or CEN/TS 15968 and followed by LC/MS or LC/MS/MS analysis	-	-	-	N/A	Not Detected	Not Detected

**Polycyclic Aromatic Hydrocarbons (PAHs)**

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:26 of 28</b>
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Items	CAS No.	Reporting Limit	Unit	Sample ID			METHODS	ZDHC REQUIREMENTS			Factory Performance		
				001	002	003		Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
				Date Sampled	09/22/2021	09/22/2021							
				Sampling Location	ETE	ETE							
				Sampling Start Time	08:52	09:00							
				Sampling End Time	14:52	15:07							
				Date of Sample Received	09/20/2021	09/20/2021							
Acenaphthene	83-32-9	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Acenaphthylene	208-96-8	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Anthracene	120-12-7	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Benzo(a)anthracene	56-55-3	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Benzo(a)pyrene	50-32-8	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Benzo(b)fluoranthene	205-99-2	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Benzo(e)pyrene	192-97-2	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Benzo(g,h,i)perylene	191-24-2	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Benzo(j)fluoranthene	205-82-3	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Benzo(k)fluoranthene	207-08-9	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Chrysene	218-01-9	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Dibenz(a,h)anthracene	53-70-3	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

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<b>TEST REPORT NO.:</b>	<b>BR2103966 Rev. 0</b>	<b>Date: Nov 04 2021</b>	<b>Page:27 of 28</b>
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Sample ID	001	002	003					<b>ZDHC REQUIREMENTS</b>			<b>Factory Performance</b>		
Date Sampled	-	09/22/2021	09/22/2021										
Sampling Location	-	ETE	ETE										
Sampling Start Time	-	08:52	09:00										
Sampling End Time	-	14:52	15:07										
Date of Sample Received	09/20/2021	09/20/2021	09/20/2021										

Items	CAS No.	Reporting Limit	Unit	Incoming Water	Raw Waste Water	Discharged Waste Water	METHODS	Foundational Limit	Progressive Limit	Aspirational Limit	Incoming Water	Raw Waste Water	Discharged Waste Water
Fluoranthene	206-44-0	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Fluorene	86-73-7	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Indeno(1,2,3-c,d) pyrene	193-39-5	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Naphthalene	91-20-3	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Phenanthrene	85-01-8	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
Pyrene	129-00-0	1.000	µg/L	N/A	n.d.	n.d.	With reference to DIN 38407-39 or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

**Volatile organic compounds (VOCs)**

Benzene	71-43-2	1.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, Purge&Trap, Head-space or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
m-cresol	108-39-4	1.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, Purge&Trap, Head-space or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
o-cresol	95-48-7	1.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, Purge&Trap, Head-space or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected
p-cresol	106-44-5	1.000	µg/L	N/A	n.d.	n.d.	With reference to USEPA 8260B, Purge&Trap, Head-space or Solvent extraction followed by GC/MS analysis	-	-	-	N/A	Not Detected	Not Detected

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