



# TEST REPORT

**Technical Report:** (6816)304-0026

November 08, 2016

Date Received: October 29, 2016

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Factory Company Name: Masihata Sweaters Limited.  
Factory Address: South Panishail, BKSP, Kashimpur, Gazipur, Bangladesh.  
Client: H&M  
Initiated By: H&M Initiated  
Sample Type: Grab Sample\*  
Sample Pick Up Date: October 29, 2016  
Test Period: October 29, 2016 to November 08, 2016  
  
Sample Description: Sample(s) received is/are stated to be:  
I001) Wastewater after treatment (ETP Outlet)

## **REMARK**

This report shown the test result of the environment sample(s) of above factory which collected on specific date and time. The result(s) of this report shall not be used for any regulatory compliance purposes.

\* The grab sampling is agreed with client.

**BUREAU VERITAS  
CONSUMER PRODUCTS SERVICES ( BANGLADESH ) LTD.**

**M. NUR ALAM  
SENIOR MANAGER  
ANALYTICAL LABORATORY**

## **Sampling**

Method of sampling used is grab sampling (agreed with client.). Grab samples are discrete samples that are taken at a location to provide a 'snapshot' of the water quality characteristics at that time. For the purposes of quantifying water or wastewater constituents, grab samples will show the concentrations at that location and time of sampling. They will not provide any information about the concentrations outside that point in time.

### **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 data records are attached in Appendix

Tested Item(s) : I001 Wastewater after treatment (ETP Outlet)

Test Parameter	Result	Unit	Test Method
Tested Item(s)	I001	-	-
pH Value	6.9 at 22°C	-	APHA 4500-H <sup>+</sup> B:2012 & U. S. EPA 150.2
Total Suspended Solids (TSS)	27	mg/L	APHA 2540 D:2012
Chemical Oxygen Demand (COD)	80	mg/L	APHA 5220 B:2012 & U. S. EPA 410.3
Biochemical Oxygen Demand (BOD <sub>5</sub> )	24	mg/L	APHA 5210 B:2012

BDL: Below Detection Limit, D.L: Detection Limit.

Detection Limit (mg/L): 5 (TSS), 2 (COD), 2 (BOD<sub>5</sub>).

APHA: American Public Health Association Standard Methods for the Examination of Water and Wastewater.

U. S. EPA: United States Environmental Protection Agency.

°C: degree Celsius, mg/L: milligram per liter.

## **Photo of the Sample/ Sampling Location**





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## APPENDIX

Version: August 2014

H&M

### Sampling Protocol

#### 1. Basic Data

Supplier Name: Masihulfa Sweets (P) Ltd  
Factory Name: South Panshal, BKSP, Kashimpur, GAZipur  
Address: Masihulfa  
Production wet process (es): Masihulfa

#### 2. Waste Water Treatment Plant (Biological / Chemical / Combined / Other)

- Information source of WWTP: Md. Jahirul
- WWTP Capacity: 30 m<sup>3</sup>/hr

#### 3. Sampling:

Criteria	Inlet	Outlet
Pictures taken (Yes/No)		Yes
Temperature:	°C	29.4 °C
Visual Color:		Light color
Name of the Lab:		BV CP3.00
Date and time of sampling:		29.10.16
Date of submitting:		29.10.16
Sampling equipment provided by:		BV CP3.00

Comments:

#### Observation on ETP Operation:

Name and signature: Md. Kabir Rahman Date: 29.10.16

END