



**BUREAU  
VERITAS**

# TEST REPORT

**Technical Report:** (6816)076-0119

March 23, 2016

Date Received: March 15, 2016

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Factory Company Name: Fakir Apparels Ltd.  
Factory Address: BSCIC Industrial Area, Enayetnagar, Fatullah, Narayangonj, Bangladesh.  
Client: H&M  
Initiated By: H&M Initiated  
Sample Type: Grab Sample\*  
Sample Pick Up Date: March 15, 2016  
Test Period: March 15, 2016 to March 23, 2016  
Sample Description: Sample(s) received is/are stated to be:  
I001) Wastewater after treatment

## **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**

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**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

Test Parameter	Result	Unit	Test Method
Tested Item(s)	I001	-	-
pH Value	8.0 at 22°C	-	APHA 4500-H <sup>+</sup> B:2012 & U. S. EPA 150.2
Total Suspended Solids (TSS)	20	mg/L	APHA 2540 D:2012
Chemical Oxygen Demand (COD)	104	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.

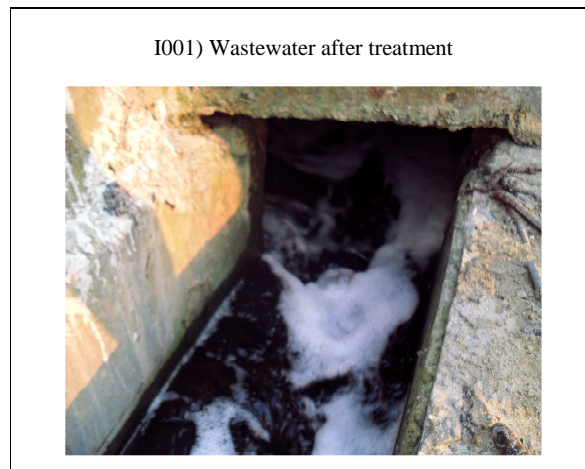
Detection Limit (mg/L): 5 (TSS), 2 (COD), 2 (BOD<sub>5</sub>).

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**





APPENDIX

H&M

Version: August 2014

Sampling Protocol

1. Basic Data

Supplier Name:

Factory Name:

Address:

Production wat process (es):

Fakir Apparels Ltd  
BSEIC Industrial Area nerayanganj  
Dyeing, Printing

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

Information source of WWTP:

WWTP Capacity: <sup>2600</sup> m<sup>3</sup>/hr

Mr. Ahab Ali

3. Sampling:

IS

Criteria	Inlet	Outlet
Pictures taken (Yes/No)		Yes
Temperature:	°C	28.8°C
Visual Color:		Straw
Name of the Lab:	BVCPS (BD) Ltd	
Date and time of sampling:	15.03.16	4.45 PM
Date of submitting:	15.03.16	
Sampling equipment provided by:	BVCPS (BD)	

Comments:

Observation on ETP Operation:

Name and signature

Date

Mr. Ibrahim Hossain 15.03.16

END