

ENVIRONMENT AND PUBLIC HEALTH ORGANIZATION

ENPHO LABORATORY

Managed and Marketed by : Eco Concern Pvt. Ltd.

SAMPLE ANALYSIS REPORT

Sample ID: 2804, 2805 and 2806(074-075)

Client : DANWATCH

Sample Location/Area : Pitaunji-10, Nawalparasi

Client Address : Gammel Jernbanevej 26, 2500 Copenhagen Valby (DK)

Received On : 2018-02-12

Completed On : 2018-02-21

Sample Category : Waste water

Source of Sample : River water

Type of Sample : Mentioned below

Sampled By : Lab staff

PHYSICO-CHEMICAL AND MICROBIOLOGICAL ANALYSIS

Parameters	Unit	Sample ID			NG / Std	Test Methods
		2804(074-075)	2805(074-075)	2806(074-075)		
pH	-	7.9	6.3	7.4	5.5-9.0	APHA, AWWA, WEF (2012), 4500-H B
Total Suspended Solids (TSS)	mg/L	76	115	47	50	APHA, AWWA, WEF (2012), 2540 D
Ammonia	mg/l	1.6	8.5	0.16	-	APHA, AWWA, WPCF (1985), 417 B
Biochemical Oxygen Demand (BOD)	mg/L	22	360	ND(<0.5)	50	APHA, AWWA, WEF (2012), 5210 B
Chemical Oxygen Demand (COD)	mg/L	48	714	0.84	250	APHA, AWWA, WEF (2012), 5220 B

NG/Std*=Nepal Government-Generic Standard

Accredited by NEPAL BUREAU OF STANDARDS AND METROLOGY.

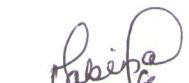
References: Standard Methods for the examination of Water and Waste water (APHA, AWWA & WEF) 22nd Edition (2012)
 Tolerance Limits for Wastewater to be Discharged into Inland Surface Waters from Combined Wastewater Treatment Plant
 Result with '<' indicates that the concentration was below the detection limit. The limit is indicated by the number following '<' sign.
 ND: Not Detected () : Maximum Concentration Limit


ID: 2804-(Raw), Back of Gorkha Brewery

ID: 2805-(River Downstream), Narayani River, Behind Gorkha Brewery

ID: 2806-(River upstream), Between Narayani Bridge and Gorkha Brewery


 ANALYZED BY


 CHECKED BY


 AUTHORIZED SIGNATURE

- Note: (1) The results refer only to the parameters tested of the samples provided/collected for analysis. Endorsement of products is neither inferred nor implied.
- (2) In order to ensure the confidentiality the report will be released to the person who produces the registration slip
- (3) All the samples are disposed of 7 days after the report date unless the laboratory has received special request
- (4) Total liability of our organization is limited to The invoiced amount only.
- (5) The reproduction of this report wholly or partly cannot be used as an evidence in the court of law and should not be used in any advertising media without prior written permission from ENPHO Lab.