

To,

The Assistant Engineer (QC)
Quality Control Lab, DUSIB
Vikas Kurtir, ITO, New Delhi

RND-314
Received on 06/12/17

Part-I

Dispatch No. D-135/A.E-II/EEC-10/DUSIB/2017-18

Date: 06/12/17

Sub: Testing of Water for Construction Purpose.

A.L No. : WB/4321/PG/EEC-10/DUSIB/2017-18/D-1776 Date: 19.09.2017

1 Name of Work : Management of Night Shelter.

Sub Head : Change of sewer line, CI pipe Line for drainage and miscellaneous repair in toilets in night shelter at Gali tel Mill, Nabi Karim in AC-22 Ballimaran (Project ID 000009166)

2 Details from where sample is collected: Site as above

3 Name of Circle /Division: IV/C-10

4 Name Of Junior Engineer: N.A.

5 Name Of Assistant Engineer: Sh. Virendra Singh

6 Name Of Executive Engineer: Sh. Shyam Singh

7 Name Of Contractor /Agency: M/s Nirbhaya const. Co.

8 Name Of Officer Collecting Sample: Sh. Virendra Singh

9 Date of Collection: 05/12/17

10 Date of Handing over the sample: 06/12/17

11 Quantity of sample sent for testing: One Litre

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked M.C.D.: Has/have been taken in my presence which represent...rs.....
Quantity of works/supply made at site/ store.

Signature of JE
Incharge of Work

Signature of
Contractor

Signature of Officer
Taking sample (EE/AE)

PART-II

TEST REPORT

No. SE (QC)/AE (Lab)/ 2017-18/D- 2279

Date: 11/12/17

Test No.: 314

Date: 06/12/17

Date of Reciept: 06/12/17

Date of Testing: 06/12/17

Date of Completion of Testing: 06/12/17

Sl No.	Name of Test Conducted	Test Value	Test Criteria	Remarks
1	Alkilineity to neutralise 100ml sample of Water	7.56 ml.	0 -25 ml of 0.02N H ₂ SO ₄	
2	Acidity	3.92 ml	0-5 ml of 0.02N NaOH	
3	Sulphates(SO ₄) in mg/litre	133.10 mg/l	0-400 mg/litre	
4	Chlorides (Cl ₂) in Mg/litre	142.95 mg/l	500 mg/l for RCC work & 2000 mg/l for Conc. Not containing embedded steel	Acceptable
	Inorganic			
5	Total Solids in mg/ litre	187 mg/l	0-3000 mg/litre	ACCEPTABLE
6	Total Organic matter in mg/ litre	54 mg/l	0-200 mg/litre	
7	pH Value	7.34	Should not be less than 6	
8	Total suspended Solids	417 mg/l	2000 max.	

Note:

1. Sample of Water Has been Collected & Handed over by the Requestioner.
2. only testing has been done in this lab.
3. This test report applies only to the sample tested.

Assistant Engineer (QC)