

R.N. 178
Received on 27/1/17

To,

The Assistant Engineer (QC),
Quality Control Lab., DUSIB,
VikashKutir, ITO, New Delhi.

Part-I

Dispatch No. D-74/AE/CL-11/DUSIB/2016-17

Date: 27/1/17

Sub : Testing of Water for construction purpose.

A.L No. F/W/4450/17/AL-29/EEC-11/DUSIB/16-17/D-951

Date: 01-12-16.

Name of work :- Pay & Use JSC.

Sub-Head :- Const. of 48 leader JSC at JJ cluster Road No 26, outer ring Road, Haiderpur (Bik-I) (Project No - 00000 7514)

- Details from where sample is collected Site bore.
- Name of Circle /Division Circle-4/C-11.
- Name of Junior Engineer —
- Name of Assistant Engineer Sh. S.K. Bhadani.
- Name of Executive Engineer Sh. Ajay Saxena
- Name of Contractor/Agency Sh. Mukesh Kumar Goel.
- Name of officer collecting sample Sh. S.K. Bhadani, AE.
- Date of collection of sample 27-01-17.
- Date of handing over the sample 27-01-17.
- Quantity of sample sent for testing one bottle (1lt.).

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked water has/have been taken in my presence which represent — quantity of work/supply made at site/store.

Sign. of JE
In charge of work

Sign. of Contractor

Sign. of officer
taking sample (EE/AE)

Part-II

No. SE (QC/AE (Lab.)/DUSIB/2016-17/D- 4103

Date : 27/1/17

Test No. Date : 178 dt. 27.1.17

Date of Receipt : 27.1.17

Date of testing : 27.1.17 Date of completion of testing: 27.1.17

S. No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1	Alkalinity to neutralize 100ml of sample of water	<u>11.20 ml.</u>	0-25 ml of 0.02N H ₂ SO ₄	
2	Acidity to neutralize 100 ml of sample of water	<u>2.15 ml.</u>	0-5 ml of 0.02N NaOH	
3	Sulphates (SO ₄) in mg/litre	<u>95 mg/l</u>	0-400 mg/litre	
4	Total suspended solids mg/litre	<u>210 mg/l</u>	2000 max.	
5	Chlorides (Cl ₂) in mg/litre	<u>83.15 mg/l</u>	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	<u>Acceptable</u>
6	Inorganic solids in mg/litre	<u>255 mg/l</u>	0-3000 mg/litre	
7	Total Organic matter in mg/litre	<u>105 mg/l</u>	0-200 mg/litre	
8	pH Value	<u>7.30</u>	Should not be less than 6.	

Only testing has been conducted in this laboratory. The sample/samples has/have been collected and handed over by the field staff of the concerned division.

Copy to:-

- EE/C-11
- O/C

Assistant Engineer (QC-Lab.)

DUSIB, VikashKutir, ITO

Assistant Engineer (QC)

Delhi Urban Shelter Improvement Board

Govt. of N.C.T. of Delhi

ITO, VikashKutir, ITO