To

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

RNo-317
Received on 12/12/17

Part I

Dispatch No – EE/C-12/DUSIB/2017-18/D- 943 Date: 12/12/2017

Sub: Testing of Water for construction purpose.

A/c. No. WK/7205(187)2017/EE/C-12/DUSIB/D-818 dt 25/10/2017

Name of Work: Pay & Use Tse- SH-Construction of 1 No Complex with toilet Block Fan Catchment Cant Sitting Shaken Basti (Technical) Sle-III (PIOW-9617)

1.	Details from where sample is collected	from site
2.	Name of Circle/Division	CIRCLE – / C-12
3.	Name of Junior Engineer/ EI	----Sh. Joshua----------
4.	Name of Assistant Engineer	……Sh. A.K. Sardana……
5.	Name of Executive Engineer	Sh. Kamal Singh ……..
6.	Name of Contractor/Agency	M/s. Durga Const. Co……
7.	Name of Officer collecting sample	……Sh. A.K. Sardana……
8.	Date of collection:	……12/12……
9.	Date of handing over the sample	……12/12……..
10.	Quantity of sample sent for testing	……1.6

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

Signature of JE/EI
In charge of work

Signature of Contractor

Signature of Officer
taking sample (EE/AE)

Part II **TEST REPORT**

No. SE (QC)/AE (Lab.)/2017-18/D- 2314

Date: 15/12/17

Test No. 317 Date: 12/12/17

Date of Receipt: 12-12-17

Date of testing: 12-12-17 Date of completion of testing: 12-12-17

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100ml of water	8.23 ml.	0-25ml. of 0.02N H_2SO_4	
2.	Acidity to neutralize 100ml sample of water	2.03 ml.	0-5ml. of 0.02N NaOH	
3.	Sulphates (SO_4) in mg/litre	115.20 mg/l	0-400 mg/litre	
4.	Total suspended solids in mg/litre.	2135 mg/l	2000max.	
5.	Chloride (CL_2) in mg/litre	97.19 mg/l	500mg/litre forRCC work &2000 mg/litre for concrete not containing embedded steel.	Acceptable. ACCEPTABLE
6.	Inorganic solids in mg/litre	172.1 mg/l	0-3000 mg/litre	
7.	Total Organic matter in mg/litre.	86.7 mg/l	0-200 mg/litre	
8.	Ph value	7.18	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.

12/12/17

Assistant Engineer (QC-Lab)
DUSIB, Vikas Kutir,ITO

Assistant Engineer (QC)
Delhi Urban Shelter Improvement Board

Copy to:-

1. EE/C-12