

To,

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

2922

R No. 443  
Received on 15/3/18

**Part-I**

Dispatch No. D-1147/EEC-5/2018 Date: 15-03-18  
Sub : **Testing of Water for construction purpose.**  
W.O. No. AL-35/WH/4945/EE C-5/DUSIB/2017-18 /D- 786 dt. 01.12.2017

Name of work: **Construction of Night Shelter**  
S. H. : **Upgradation of Night Shelter at Nizamuddin Basti, Nizamuddin (NS Code : 10)**  
(Project ID 9589).

1. Details from where sample is collected -----site-----
2. Name of Circle/Division -----Circle-II/C-5-----
3. Name of Junior Engineer -----Sh. Jitender Kumar-----
4. Name of Assistant Engineer -----Sh. A.K. Diwan-----
5. Name of Executive Engineer -----Sh. S.K Varshney-----
6. Name of Contractor/Agency -----M/s Yogesh Kumar & Co.-----
7. Name of Officer collecting sample: -----Sh. A.K.Diwan-----
8. Name of Officer collecting sample: -----AE/IE-----

9. Quantity of sample sent for testing 1 liter  
Specimen relating to work mentioned above is/are sent for testing. It is  
Certified that the sample/samples marked (A) 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/2017/D- 3322 Date : 30/03/18  
Test No:- 443 Date : 15/3/18  
Date of Receipt : 15/3/18  
Date of testing : 15/3/18 Date of completion of testing: 15/3/18

S. No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1	Alkalinity to neutralize 100ml of sample of water	6.85ml	0-25 ml of 0.02N H <sub>2</sub> SO <sub>4</sub>	
2	Acidity to neutralize 100 ml of sample of water	1.78ml	0-5 ml of 0.02N NaOH	
3	Sulphates (SO <sub>4</sub> ) in mg/litre	127.20mg/l	0-400 mg/litre	
4	Total suspended solids mg/litre	183.10mg/l	2000 max.	
5	Chlorides (Cl <sub>2</sub> ) in mg/litre	48.25mg/l	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	Acceptable
6	Inorganic solids in mg/litre	125.50mg/l	0-3000 mg/litre	ACCEPTABLE
7	Total Organic matter in mg/litre	72.00mg/l	0-200 mg/litre	
8	pH Value	7.13	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:-

1. BE/CS
- 2.

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Assistant Engineer (QC-Lab.)  
DUSIB, VikashKutir, ITO  
Assistant Engineer (QC)  
Delhi Urban Shelter Improvement Board  
Govt. of N.C.T. of Delhi  
ITO, New Delhi-02