

R NO- 065
 Recd on 22/5/17
 P.I.D:- 000008262

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

Part I

Dispatch No. A.E. VII / C-11 / DUSIB / 2017 / D-116 Date: 22/5/17
 Sub: **Testing of Water for construction purpose.**

- A. L. No. F/WC/44501A/47 / COM/EE G-11 / DUSIB / 2016-17 / 10-1409
- Name of work:- Pay & use CSSC
 SH: Renovation & upgradation of existing 36 sector JCC in DC Badli Village
dt. 06.3.2017
 - Details from where sample is collected: From site
 - Name of Circle/Division: C-4 C-11
 - Name of Junior Engineer: N.K. MENGHANI
 - Name of Assistant Engineer: M.K. GARG
 - Name of Executive Engineer: AJAY
 - Name of Contractor/Agency: M.K. GARG SH. N.K. GUPTA.
 - Name of Officer collecting sample: M.K. GARG
 - Date of collection: 22/5/17
 - Date of handing over the sample: 22/5/17
 - Quantity of sample sent for testing: TWO LITRE WATER BOTTLE
- Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked M.K. has/have been taken in my presence which represent quantity of works/supply made at site/store.

[Signature]
 Signature of JE
 In charge of work

[Signature]
 Signature of Contractor

[Signature]
 Signature of Officer
 taking sample (E/ AE)

Part II TEST REPORT

No. SE (QC)/AE (Lab.)/2017-18 /D-
 Test No. 065 Date: 22-5-17
 Date of Receipt: 22/5/17
 Date of testing: 22/5/17 Date of completion of testing: 22/5/17

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	<u>6.52ml</u>	0 - 25 ml of 0.02N H ₂ SO ₄	
2.	Acidity to neutralize 100 ml of sample of water	<u>1.72ml</u>	0 - 5 ml of 0.02N NaOH	
3.	Sulphates (SO ₄) in mg/ litre	<u>87.15mg/l</u>	0 - 400 mg/litre	
4.	Total suspended solids.	<u>133.10mg/l</u>	2000 MAX.	
5.	Chlorides (Cl ₂) in mg/litre	<u>67.25mg/l</u>	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	<u>Acceptable</u>
6.	Total solids in mg/litre	<u>131.20mg/l</u>	0 - 3000 mg/litre	ACCEPTABLE
7.	Total Organic matter in mg/litre	<u>73.15mg/l</u>	0 - 200 mg/litre	
8.	pH Value	<u>7.01</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.

[Signature]
 Assistant Engineer (QC Lab)
 DUSIB, Vikas Kutir, ITO
 Assistant Engineer (QC)
 National Urban Shelter Improvement Board
 Gov. of N.C.T., of Delhi
 ITO, New Delhi-02

Copy to:-
 1. EE (C-11)
 2.