

To

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

LN-098  
Received on 22/6/17

**Part I**

Dispatch No. AE-IL/EEC-12/DUSIB/17-18/A-97 Date: 22/6/17

**Sub: Testing of Water for construction purpose.**

AL No. 58/WK/7205(148)/EEC-12/DUSIB/2016-17 /D- 216 dated 10.03.2017

Name of work: EIUS.

SH: Providing and laying CC pavement and construction of drains in Punjab Migrant Relief Camp/Basti at Peera Garhi, Rohtak Road (Project ID 000008443).

- |   |                             |
|---|-----------------------------|
| 1. Details from where sample is collected | from site                   |
| 2. Name of Circle/Division                | CIRCLE - 4 / C-12           |
| 3. Name of Junior Engineer                | None                        |
| 4. Name of Assistant Engineer             | A.K. Sardana                |
| 5. Name of Executive Engineer             | Sh. K.K. Sharma             |
| 6. Name of Contractor/Agency              | M/S Hanuman Construction Co |
| 7. Name of Officer collecting sample      | A.K. Sardana                |
| 8. Date of collection:                    | .....22/6/17                |
| 9. Date of handing over the sample        | .....22/6/17                |
| 10. Quantity of sample sent for testing   | 1.00 litre                  |

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

Signature of JE  
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-

Test No. 098 Date: 22-6-17

Date of Receipt: 22-6-17

Date of testing: 22-6-17

Date of completion of testing: 22-6-17

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	7.21 ml.	0 - 25 ml of 0.02N H <sub>2</sub> SO <sub>4</sub>	
2.	Acidity to neutralize 100 ml of sample of water	2.33 ml.	0 - 5 ml of 0.02N NaOH	
3.	Sulphates (SO <sub>4</sub> ) in mg/ litre	155.25 g/l	0 - 400 mg/litre	
4.	Total Suspended Solids	201.10 g/l	2000 max,	
5.	Chlorides (Cl <sub>2</sub> ) in mg/litre	83.21 g/l	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	Acceptable
6.	Total solids in mg/litre	139.45 g/l	0 - 3000 mg/litre	ACCEPTABLE
7.	Total Organic matter in mg/litre	86.25 g/l	0 - 200 mg/litre	
8.	pH Value	7.29	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.

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