R No 189
Received on 24/8/17

DELHI URBAN SHELTER IMPROVEMENT BOARD
GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER: C-VI

To

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

Part I
Dispatch No D-765/EEC-6-DUSIB/17-18 Date: 24/8/17
Sub: Testing of Water for construction purpose.
A. L. No. 21/EEC-6/DUSIB/2017-18/D-547 Dated. 12/7/17

1. Name of work: RWS
SH: Construction and remaking of sewer drain in JJ Basti, Mandi Pahari, Sambalpur Camp. (PS Code ID 00000 8654)
2. Details from where sample is collected Site of work
3. Name of Circle/Division CC
4. Name of Junior Engineer Bhupendra Kumar
5. Name of Assistant Engineer Sh. Lal Chand
6. Name of Executive Engineer Sh. O.P. Rastogi
7. Name of Contractor/Agency Sh. Kapil Sharma
8. Name of Officer collecting sample Sh. Lal Chand
9. Date of collection: 24/8/17
10. Date of handing over the sample: 24/8/17
11. Required strength:
12. Quantity of sample sent for testing: 2 ltr
13. Size of specimen:
14. Mark of specimen:

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 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- 1386 Date: 24/08/17
Test No. 189 Date: 24-8-17
Date of Receipt: 24-8-17
Date of testing: 24-8-17 Date of completion of testing: 24-8-17

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	8.72 ml	0–25 ml of 0.02N H_2SO_4	
2.	Acidity to neutralize 100 ml of sample of water	2.21 ml	0–5 ml of 0.02N NaOH	
3.	Sulphates (SO_4) in mg/ litre	133.75 mg/l	0–400 mg/litre	
4.	Total Suspended Solids	218.00 mg/l	2000 max	
5.	Chlorides (Cl_2) in mg/litre Inorganic	62.18 mg/l	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	Acceptable
6.	Total solids in mg/litre	187.45 mg/l	0–3000 mg/litre	
7.	Total Organic matter in mg/litre	95.18 mg/l	0–200 mg/litre	
8.	pH Value	7.21	Should not be less than 6.	

Tested in my presence

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.

24/8/17
Assistant Engineer (QC-Lab)
DUSIB, Vikas Kutir, ITO
Assistant Engineer (QC)
Delhi Urban Shelter Improvement Board
Govt. of N.C.T. of Delhi
ITO, New Delhi-02

Copy to:-
1. EE/C-6
2.