R No. 038
Received on 28/4

To

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

Part I

Dispatch No ---- Date: 28/04/17

Sub: Testing of Water for construction purpose.

A. L. No.: AL/90/WA/9834/EE/E2/DUSIB/2016-17/D-576 Dt.:08/02/2017

1. Name of work: C/O JSC Pay & Use
   SH: Pilot project for sanitation improvement plan for Z Block Aya Nagar, Delhi to evolve and establi sanitation management system.SH: Pdg sanitation improvement scheme at Z Block based on Bio-Di Tech approved by DRDO i/c monitering, O/M for 3 yrs. (Project ID: 000006856)
2. Details from where sample is collected — From the Site of work
3. Name of Circle/Division — Circle II/EE(E-2)
4. Name of Junior Engineer — Bhupendra Kumar
5. Name of Assistant Engineer — Sh. LalChand
   Name of Executive Engineer — Sh. Sunil Gupta
7. Name of Contractor/Agency — M/S ARKIN Creations PVT. LTD.
8. Name of Officer collecting sample: — Sh. LalChand
9. Date of collection of Sample: — 28/4/17
10. Date of handing over the sample — 28/4/17
11. Quantity of sample sent for testing — Bottle

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 In charge of work

Signature of Contractor

Signature of Officer taking sample (EE/AE)

Part II **TEST REPORT**

No. SE (QC)/AE (Lab.)/2016-17 /D- 0333 Date: 03/05/17

Test No. 038 Date: 28.4.17

Date of Receipt: 28.4.17

Date of testing: 28.4.17 Date of completion of testing: 28.4.17

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	14.85 ml.	0 – 25 ml of 0.02N H_2SO_4	
2.	Acidity to neutralize 100 ml of sample of water	3.85 ml.	0 – 5 ml of 0.02N NaOH	
3.	Sulphates (SO_4) in mg/ litre	185.00 mg/l	0 – 400 mg/litre	
4.	Total Suspended Solids mg/Ltr.	135.00 mg/l.	2000 Max.	
5.	Chlorides (Cl_2) in mg/litre	155.10 mg/l.	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	Acceptable
6.	Inorganic solids in mg/litre	355.10 mg/l.	0 – 3000 mg/litre	ACCEPTABLE
7.	Total Organic matter inmg/litre	103.00 mg/l.	0 – 200 mg/litre	
8.	pH Value	7.01	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.

28/4/17

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/E-2