



Delhi Jal Board

No.DJB/QCLTYR/PD/230609

DELHI JAL BOARD
(GOVT. OF N.C.T. DELHI)
QUALITY CONTROL LABORATORY,
TRANS YAMUNA REGION TAHIRPUR DELHI-110093



Licence No- CRO/QM/L-8004274 as per IS/ISO 9001:2015

ACWA-TYR

Diary No. 189 dt. 24/6/2023



NO: DJB/ACWA(TYR)/2023.....

DATE: - 22-06-2023

Analysis report of water samples collected from (1) Inlet (DJB water tanker No. DL-IL W-3546)
(2) Outlet. M/S Hindon Public Senior Secondary School, B-3/411, 33 Foota Road, Harsh Vihar Delhi-110093, for drinking purpose.

Challan No: - 122 dated: - 15-06-2023

Date of collection: - 19-06-2023

| S. No. | PARTICULARS | BIS:10500-2012 LIMITS | | UNITS | RESULT | |
|---------------------------------------|---------------------------|-----------------------|---------------|-----------|--------|--------|
| | | Desirable | Permissible | | (1) | (2) |
| A. Physical Examination | | | | | | |
| 1. | Colour | ... | ... | - | Clear | Clear |
| 2. | Odour | ... | ... | - | Chlor. | Chlor. |
| 3. | Turbidity | 1.0 | 5.0 | NTU | 3.53 | 2.12 |
| 4. | pH Value | 6.5-8.5 | -- | - | 7.6 | 7.8 |
| 5. | Electrical Conductivity | -- | -- | µs/cm | 260 | 460 |
| 6. | Total Dissolved Solids | 500 | 2000 | mg/l | 169 | 293 |
| B. Chemical Examination | | | | | | |
| 7. | P ^h Alkalinity | 45 | NO RELAXATION | mg/l | NIL | NIL |
| 8. | Total Alkalinity | 200 | 600 | mg/l | 92 | 102 |
| 9. | Total Hardness | 200 | 600 | mg/l | 96 | 120 |
| 10. | Calcium Hardness | | | mg/l | 60 | 66 |
| 11. | Magnesium Hardness | | | mg/l | 36 | 54 |
| 12. | Calcium as (Ca) | 75 | 200 | mg/l | 24.0 | 26.4 |
| 13. | Magnesium as (Mg) | 30 | 100 | mg/l | 8.64 | 12.96 |
| 14. | Ammonical Nitrogen | 0.5 | NO RELAXATION | mg/l | N.D | N.D |
| 15. | Nitrite | | | mg/l | N.D | N.D |
| 16. | Nitrate | 45 | NO RELAXATION | mg/l | 2.02 | 13.10 |
| 17. | Sulphate | 200 | 400 | mg/l | 23.22 | 35.23 |
| 18. | Chloride | 250 | 1000 | mg/l | 18 | 52 |
| 19. | Fluoride | 1.0 | 1.5 | mg/l | 0.19 | 0.31 |
| 20. | Total Iron | 1.0 | NO RELAXATION | mg/l | 0.10 | 0.14 |
| 21. | Cyanide | 0.05 | NO RELAXATION | mg/l | N.D. | N.D. |
| 22. | Residual Chlorine | 0.2 | 1.0 | mg/l | 0.96 | 0.44 |
| C. Bacteriological Examination | | | | | | |
| 23. | Coliform count | Absent | NO RELAXATION | MPN/100ml | 0 | 0 |

REMARKS:- On the basis of above tested parameters, both water samples conforms BIS: 10500-2012 and can be Considered fit for drinking purpose.

Maya h
22-06-2023
A/CHEMIST

Tom
22-6-2023
CHEMIST

[Signature]
24-6-2023
ACWA (TYR)