## Sub Divisional Level Water Testing Laboratory
## Public Health Engineering Department
### P.H.E.D Sausar
### Result of Sample

| Name of Sample:- | Drinking water sample/other | Not Sampled collected by SDWTLSAR | | Sample Code No:- | |
|---|---|---|---|---|---|
| Senders name and address:- | Sender's Letter No | - | | Sender's Letter Date | |
| | Date of collection | | 28-08-2024 | SDWTLSAR Receive Date | 28-08-2024 |
| 804        2/9/24 | Date of analysis Started - | | 29-08-2024 | Date of analysis completed | 29-08-2024 |
| No............Ae/Phe/Subdn/Sausar / | | | Sample collected by- | Jagdish Khadse 7999232809 | |

| No | Block | Gram panchayat | Village | Habitation | Location |
|---|---|---|---|---|---|
| 1 | Sausar | Jam | Jam | | Skyline school Jam (Source-Dugwell) |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |

### Details of parameters , their test methods ,units and specifications as per BIS

| S.No | Parameters | Test Method | Unit | Require ment (Desirable limit) | Permissible limit in the absence of alternate source | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | As per BIS 10500 : 2012 for Drinking Water | | Sample No / Test Result's | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Turbidity | As per IS 3025 part 10 | NTU | 1 | 5 | 4.0 | | | | | | | | | |
| 2 | pH | As per IS 3025 part 11 | pH Scale | 6.5 -8.5 | 6.5 -8.5 | 7.75 | | | | | | | | | |
| 3 | Odour | As per IS 3025 Part5 | Agreeable | Agreeable | Agreeable | Agreeable | | | | | | | | | |
| 4 | Taste | As per IS 3025 Part 7 and 8 | Agreeable | Agreeable | Agreeable | Agreeable | | | | | | | | | |
| 5 | Total Alkalinity as CaCO3 | As per IS 3025 part 23 | Mg/l | 200 | 600 | 150 | | | | | | | | | |
| 6 | Chloride as Cl Mg/l | As per IS 3025 part 32 | Mg/l | 250 | 1000 | 25.0 | | | | | | | | | |
| 7 | Total Hardness as Caco3 Mg/l | As per IS 3025 part 21 | Mg/l | 200 | 600 | 250 | | | | | | | | | |
| 8 | Calcium as Ca++ Mg/l | As per IS 3025 part 40 | Mg/l | 75 | 200 | 56.0 | | | | | | | | | |
| 9 | Magnesium as Mg++ Mg/l | As per IS 3025 part 46 | Mg/l | 30 | 100 | 27.5 | | | | | | | | | |
| 10 | Nitrate as No3 | As per IS 3025 part 34 | Mg/l | 45 | 45 | 12.1 | | | | | | | | | |
| 11 | Fluoride Mg/l | By Ion Meter | Mg/l | 1 | 1.5 | 0.62 | | | | | | | | | |
| 12 | Total Dissolved Solids Mg/l | By Meter | Mg/l | 500 | 2000 | 165.6 | | | | | | | | | |
| 13 | Iron as Fe | As per IS 3025 part 53 | Mg/l | 1 | 1 | 0.08 | | | | | | | | | |
| 14 | Maganese as Mn Mg/l | Alpha 22nd edition 3500-Mn-D | Mg/l | 0.1 | 0.3 | — | | | | | | | | | |
| 15 | Sulphate as SO4 Mg/l | As per BIS 3025 part 23 | Mg/l | 200 | 400 | 23.0 | | | | | | | | | |
| 16 | Arsenic Mg/l | By kit | Mg/l | 0.01 | 0.05 | — | | | | | | | | | |
| 17 | Fecal Coliform per (TTC)Per 100 ml | Standard Method 1992 | per 100 Ml | NIL | | — | | | | | | | | | |
| 18 | Total Coliform per Per 100 ml | Standard Method 1992 | per 100 Ml | Nil for treated water and water In distribution | | — | | | | | | | | | |

1 This report should not be produced partly or full without approval of signatory authority legal purposes.

2 It is recommended that acceptable limit Is to be Implemented values In excess of those mentioned under "acceptable"render the water not suitable , but still may be tolerated in the absence of an alternative source but up to the limits Indicate under the "permissible limit In the absence of alternate source "In coloumn6 ,above which the sources will have to be reject .

3 The result refer only tested samples and parameters tested.

4 This lab does not hold any responsibility for variation In results for samples kept on hold for want of clarification ,

Remark : Sample not collected by Laboratory staff

Copy to - 1 Executive Engineer P.H.E .Division Chhindwara for Information please,

Chemist
PHE sub division
Sausar

Assistant Engineer
PHE sub division
Sausar