

Name Of Lab :- Water Testing Laboratory Pahalgam (Stationed At Pahalgam). SEER.

PHE S/Division Pahalgam.

Sample Details:-

|                              |                   |        |                                          | 01                           |   |   | 02                           |   |   |   |   |   |    |
|------------------------------|-------------------|--------|------------------------------------------|------------------------------|---|---|------------------------------|---|---|---|---|---|----|
| Sample No:                   |                   |        |                                          | WTLP/Apr-015/2024            |   |   | WTLP/Apr-016/2024            |   |   |   |   |   |    |
| Block Name:                  |                   |        |                                          | Khorripora                   |   |   | Khorripora                   |   |   |   |   |   |    |
| Gram Panchayat:              |                   |        |                                          | Salia                        |   |   | Salia                        |   |   |   |   |   |    |
| Name of Water Supply Scheme: |                   |        |                                          | Salia                        |   |   | Tube well.                   |   |   |   |   |   |    |
| Source:                      |                   |        |                                          | M/Camal                      |   |   | Deep tube well.              |   |   |   |   |   |    |
| Habitation:                  |                   |        |                                          | Salia                        |   |   | Salia                        |   |   |   |   |   |    |
| Village/ Location:           |                   |        |                                          | EKLAHYA MODEL R/SCHOOL Salia |   |   | EKLAHYA MODEL R/SCHOOL SALIA |   |   |   |   |   |    |
| Date Of Testing:             |                   |        |                                          | 22 & 23/04/2024              |   |   | 22 & 23/04/2024              |   |   |   |   |   |    |
| S/No                         | Parameters        | Units  | Desirable/Permissible Limits B.I.S 10500 | 1                            | 2 | 3 | 4                            | 5 | 6 | 7 | 8 | 9 | 10 |
| 1.                           | Iron (Fe)         | mg/l   | 0.3-1.0                                  | 0.0                          |   |   | 0.0                          |   |   |   |   |   |    |
| 2.                           | Nitrate           | mg/l   | 0-45                                     | 10.0                         |   |   | 15.0                         |   |   |   |   |   |    |
| 3.                           | Arsenic           | mg/l   | 0.01-0.05                                |                              |   |   |                              |   |   |   |   |   |    |
| 4.                           | Fluoride (F)      | mg/l   | 1.0-1.5                                  | 0.0                          |   |   | 0.0                          |   |   |   |   |   |    |
| 5.                           | Chloride (CL)     | mg/l   | 250-1000                                 | 40.0                         |   |   | 60.0                         |   |   |   |   |   |    |
| 6.                           | T.D.S             | mg/l   | 500-2000                                 | 278.0                        |   |   | 393.0                        |   |   |   |   |   |    |
| 7.                           | Total Alkalinity  | mg/l   | 200-600                                  |                              |   |   |                              |   |   |   |   |   |    |
| 8.                           | Total Hardness    | mg/l   | 200-600                                  | 105.0                        |   |   | 225.0                        |   |   |   |   |   |    |
| 9.                           | Residual Chlorine | mg/l   | 0.2-1.0                                  | 0.0                          |   |   | Not detected                 |   |   |   |   |   |    |
| 10.                          | Sulphate          | mg/l   | 200-400                                  |                              |   |   |                              |   |   |   |   |   |    |
| 11.                          | Ammonia           | mg/l   | 0-6                                      |                              |   |   |                              |   |   |   |   |   |    |
| 12.                          | Phosphate         | mg/l   | 1-5                                      | 0.0                          |   |   | 0.0                          |   |   |   |   |   |    |
| 13.                          | PH @ °C           | mg/l   | 6.5-8.5                                  | 7.7                          |   |   | 7.3                          |   |   |   |   |   |    |
| 14.                          | Turbidity         | N.T.U  | 1.0-5.0                                  | 4.32                         |   |   | 4.19                         |   |   |   |   |   |    |
| 15.                          | Bacteria          |        | Absent                                   | ABSENT                       |   |   | ABSENT                       |   |   |   |   |   |    |
| 16.                          | Conductivity      | µs/cm  | -                                        | 278.00                       |   |   | 393.00                       |   |   |   |   |   |    |
| 17.                          | Colour            | Hazens | 5-15                                     | 5.00                         |   |   | 5.00                         |   |   |   |   |   |    |
| 18.                          | Odour             |        | Unobjectionable                          | Agreeable                    |   |   | Agreeable                    |   |   |   |   |   |    |
| 19.                          | Taste             |        | Unobjectionable                          | Agreeable                    |   |   | Agreeable                    |   |   |   |   |   |    |

Lab Assistant.

Note:- As per the above analysis, water is potable.

Microbiologist.

CHEMIST  
Water Testing Laboratory  
PAHALGAM  
Chemist.



Digitally Signed by:  
Peer Zameer Ahmad Mehboobi  
Date: 24-04-2024  
07:22 pm