

J&K LAKES AND WATERWAYS DEVELOPMENT AUTHORITY.

Research & Monitoring Division, Miskeen Bagh, Srinagar.

Physico-chemical analysis report of different STPs as on 10-03-2020.

| Parameters | Units | Hazratbal | | Habak | | Laam | | Brarinambal LDA | | Brarinambal UEED | | Nallah Amir Khan | | Norms as per NGT |
|--------------------|--------------------|-----------|-------|-------|-------|------|-------|-----------------|-------|------------------|-------|------------------|-------|------------------------------------|
| | | Raw | Final | Raw | Final | Raw | Final | Raw | Final | Raw | Final | Raw | Final | |
| Air Temperature | °C | 14.2 | 18.6 | 14.5 | 18.4 | 15.6 | 17.1 | 14.1 | 16.2 | 14.6 | 16.3 | 13.1 | 17.1 | -- |
| W. Temp. | °C | 11.8 | 12.4 | 11.9 | 12.3 | 12.1 | 12.3 | 11.2 | 11.6 | 11.4 | 11.9 | 12.8 | 12.7 | -- |
| pH | -- | 7.0 | 7.2 | 7.2 | 7.4 | 7.2 | 7.2 | 7.1 | 7.2 | 7.2 | 7.3 | 7.2 | 7.4 | 5.5-9.0 |
| Nitrate Nitrogen | mg/l | 0.5 | 0.6 | 0.5 | 0.7 | 0.5 | 0.6 | 1.2 | 0.8 | 2.1 | 2.2 | 0.8 | 0.7 | TOTAL NITROGEN : 10 |
| Ammonical Nitrogen | mg/l | 23.9 | 19.2 | 24.7 | 20.2 | 12.5 | 11.1 | 23.5 | 6.8 | 23.7 | 22.4 | 20.1 | 16.3 | |
| T.Phosphorous | mg/l | 2.4 | 1.6 | 2.6 | 1.6 | 1.9 | 0.9 | 1.9 | 0.5 | 2.1 | 2.0 | 1.9 | 1.2 | 1.0 |
| T.S.S | mg/l | 236 | 96 | 273 | 98 | 212 | 74 | 324 | 90 | 370 | 127 | 212 | 74 | 20 |
| Fecal Coliform | Col/100 ml-Approx. | -- | 750 | -- | 800 | -- | 575 | -- | 600 | -- | 1900 | -- | 650 | Desirable =100 Permissible =230 |