# Quality of Water of Polluted River stretches in Punjab for the month of January, 2021

**Beas (along Mukerian) :  Priority V**

| S.N. | Point of Sample Collection | Code | Date of receipt in lab | Lab Sample No. | Sample Collected & Analyzed by | pH | DO mg/l | BOD mg/l | Cond µs/Cm | T. Coli MPN/ 100ml | F. Coli MPN/ 100ml | Free Amm. mg/l | SAR | B mg/l | Quality of water as per DBU | Water Quality Index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | River Beas 1 Km D/S effluent discharge point at Mukerian | 1294 | 08/1/2021 | SW 1 | ZO Lab, Jal | 8.2 | 7.3 | 1.3 | 318 | 460 | 170 | 0.064 | 0.43 | 0.40 | B | S |

| S.N. | Point of Sample Collection | Code | Date of receipt in lab | Lab Sample No. | Sample Collected & Analyzed by | COD mg/l | Turb NTU | TSS mg/l | TDS mg/l | FDS mg/l | Cl mg/l | SO$_4$ Mg/l | TH mg/l | Ca mg/l | Mg mg/l | T.Alkn mg/l | P.Alkn mg/l | AmnN mg/l | NO3-N mg/l | TKN mg/l | PO$_4$as P mg/l | F mg/l | Na mg/l | K mg/l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | River Beas 1 Km D/S effluent discharge point at Mukerian | 1294 | 08/1/2021 | SW 1 | ZO Lab, Jal | 15 | 69 | 16 | 188 | 158 | 14 | 12 | 97 | 28 | 7 | 113 | BDL | 0.8 | 0.7 | 1.6 | 0.07 | 0.10 | 9.9 | 2.1 |

Note. 1. BDL means Below Method Detection Limit
    2. DBU means Designated Best Use (Class-A, B, C,D & E)
    3. Water Quality Index (S means Satisfactory, U means Unsatisfactory)
    4. U/s means Upstream, D/s means Downstream