

Quality of Water of Polluted River stretches in Punjab for the month of April, 2024

Beas (along Mukerian) : Priority IV

| 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 |
|------|----------------------------|------|------------------------|----------------|--------------------------------|-----|---------|----------|------------|--------------------|--------------------|----------------|------|--------|-----------------------------|
| 1 | Kali Bein into Beas | 2913 | 26/04/2024 | SW 41 | ZO Lab, Jal | 7.2 | 4.0 | 2.7 | 325 | 2700 | 830 | 0.012 | 0.73 | 0.71 | C |

| 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 | Kali Bein into Beas | 2913 | 26/04/2024 | SW 41 | ZO Lab, Jal | 11 | 20 | 17 | 191 | 142 | 15 | 12 | 128 | 32 | 12 | 140 | BDL | 1.2 | 0.86 | 1.8 | 0.26 | 0.25 | 19 | 3 |

- 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