

Quality of Water of Polluted River stretches in Punjab for the month of September, 2020

Kali Bein (Sultanpur Lodhi to Confluence to Beas) : 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 μ s/Cm | T.Coli MPN/100ml | F.Coli MPN/100ml | Free Amm. mg/l | SAR | B mg/l | Water quality as per DBU | Water Quality Index |
|------|----------------------------|------|------------------------|----------------|--------------------------------|-----|---------|----------|-----------------|------------------|------------------|----------------|------|--------|--------------------------|---------------------|
| 1 | Kali Bein into Beas | 2913 | 08/09/2020 | SW 516 | Z.O. Lab Jalandhar | 7.4 | 4.3 | 2.2 | 308 | 1400 | 630 | 0.014 | 1.16 | 0.36 | C | S |

| S.N. | Point of Sample Collection | Code | Date of receipt in lab | Lab Sample No. | Sample Collected & Analyzed by | CO D mg/l | Turb NTU | TSS mg/l | TDS mg/l | FD S mg/l | Cl mg/l | SO ₄ Mg/l | TH mg/l | Ca mg/l | Mg mg/l | T.Alk n mg/l | p.Alkn mg/l | Amn-N mg/l | NO ₃ -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 | 08/09/2020 | SW 516 | Z.O. Lab Jalandhar | 14 | 14 | BDL | 190 | 158 | 18 | 15 | 120 | 39 | 5 | 122 | BDL | 0.9 | 1.0 | 1.8 | 0.12 | 0.19 | 29 | 3.9 |