

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Krtipur
 Laboratory Record Of Chemical & Bacteriological Analysis Of Water
 Shrawan 2070

| S.No. | Date | Branch | Location | Sample taken | Turbidity | Colour | p ^H | E.C. | Total Alkalinity | Total Hardness | Total Iron | Total Ammonia | Chloride | F.R.C. | Total Colifroms | Remarks |
|--|------------|------------------|---------------------|--------------|-----------|--------|----------------|-------|------------------|----------------|------------|---------------|----------|---------|------------------|--------------|
| Units | | | | | (NTU) | (TCU) | | µs/cm | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | 100/ml | |
| National Drinking Water Quality Standard (NDWQS) | | | | | 5 (10) | 5 (15) | 6.5-8.5 | 1500 | | 500 | 0.3 (3) | 1.5 | 250 | 0.1-0.2 | 0 in 95% Samples | |
| 1 | 2070/04/01 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.8 | 254 | 124 | 130 | 0.1 | 0.02 | 7.68 | 0.5 | Nil | satisfactory |
| 2 | 2070/04/02 | Maharajung | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 48 | 22 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | satisfactory |
| 3 | 2070/04/04 | Maharajung | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.4 | 50 | 24 | 18 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | satisfactory |
| 4 | 2070/04/04 | Mahankalchaur | Mahankalchaur W.T.P | Treated | Clear/<5 | <5 | 7.8 | 55 | 26 | 20 | 0.3 | 0.02 | 5.76 | 0.7 | Nil | satisfactory |
| 5 | 2070/04/06 | Mahankalchaur | Mahankalchaur W.T.P | Treated | Clear/<5 | <5 | 7.6 | 52 | 24 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | Nil | satisfactory |
| 6 | 2070/04/06 | Maharajung | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 50 | 22 | 18 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | satisfactory |
| 7 | 2070/04/07 | Maharajung | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 50 | 24 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | Nil | satisfactory |
| 8 | 2070/04/08 | Maharajung | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 44 | 20 | 18 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | satisfactory |
| 9 | 2070/04/09 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.5 | 260 | 120 | 130 | 0.1 | 0.02 | 7.68 | 0.4 | Nil | satisfactory |
| 10 | 2070/04/09 | Mahankalchaur | Mahankalchaur W.T.P | Treated | Clear/<5 | <5 | 7.5 | 43 | 20 | 18 | 0.1 | 0.02 | 5.76 | 0.7 | Nil | satisfactory |
| 11 | 2070/04/09 | Maharajung | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 36 | 16 | 12 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | satisfactory |
| 12 | 2070/04/13 | Maharajung | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 30 | 16 | 14 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | satisfactory |
| 13 | 2070/04/13 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.8 | 244 | 116 | 130 | 0.1 | 0.02 | 7.68 | 0.5 | Nil | satisfactory |
| 14 | 2070/04/14 | Madhayapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 7.1 | 180 | 80 | 50 | 0.3 | 0.02 | 7.68 | 0.5 | Nil | satisfactory |
| 15 | 2070/04/15 | Mahankalchaur | Mahankalchaur W.T.P | Treated | Clear/<5 | <5 | 6.4 | 46 | 22 | 18 | 0.1 | 0.02 | 5.76 | 0.7 | Nil | satisfactory |
| 16 | 2070/04/15 | Maharajung | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.7 | 70 | 34 | 24 | 0.1 | 0.02 | 5.76 | 0.05 | Nil | satisfactory |
| 17 | 2070/04/17 | Mahankalchaur | Mahankalchaur W.T.P | Treated | Clear/<5 | <5 | 7.7 | 50 | 24 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | Nil | satisfactory |
| 18 | 2070/04/20 | Maharajung | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 32 | 16 | 14 | 0.3 | 0.02 | 5.76 | 0.5 | Nil | satisfactory |
| 19 | 2070/04/20 | Mahankalchaur | Mahankalchaur W.T.P | Treated | Clear/<5 | <5 | 7.2 | 40 | 20 | 18 | 0.3 | 0.02 | 5.76 | 0.7 | Nil | satisfactory |
| 20 | 2070/04/21 | Maharajung | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.5 | 43 | 20 | 16 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | satisfactory |
| 21 | 2070/04/22 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 8.0 | 250 | 130 | 140 | 0.1 | 0.02 | 7.68 | 0.2 | Nil | satisfactory |
| 22 | 2070/04/22 | Mahankalchaur | Mahankalchaur W.T.P | Treated | Clear/<5 | <5 | 6.7 | 40 | 20 | 18 | 0.3 | 0.02 | 5.76 | 0.76 | Nil | satisfactory |
| 23 | 2070/04/25 | Mahankalchaur | Mahankalchaur W.T.P | Treated | Clear/<5 | <5 | 6.7 | 34 | 16 | 14 | 0.3 | 0.02 | 5.76 | 0.72 | Nil | satisfactory |
| 24 | 2070/04/27 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.8 | 272 | 132 | 140 | 0.1 | 0.02 | 7.68 | 0.25 | Nil | satisfactory |
| 25 | 2070/04/29 | Mahankalchaur | Mahankalchaur W.T.P | Treated | Clear/<5 | <5 | 7.0 | 40 | 20 | 16 | 0.2 | 0.02 | 5.76 | 0.7 | Nil | satisfactory |
| 26 | 2070/04/29 | Madhayapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 6.6 | 160 | 32 | 60 | 0.3 | 0.02 | 19.2 | 0.5 | Nil | satisfactory |