

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Sundarighat Kirtipur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Ashadh 2073

| 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 Coliforms | 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 | 2073/03/01 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.2 | 75 | 34 | 30 | 0.1 | 0.02 | 7.68 | 0.5 | Nil | Satisfactory |
| 2 | 2073/03/01 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.2 | 320 | 128 | 150 | 0.1 | 0.02 | 9.6 | 0.4 | Nil | Satisfactory |
| 3 | 2073/03/02 | Mahankalchaur | Mahankalchaur W.T.P. | Treated | Clear/<5 | <5 | 7.1 | 60 | 32 | 24 | 0.1 | 0.02 | 5.76 | 0.4 | Nil | Satisfactory |
| 4 | 2073/03/02 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.2 | 58 | 28 | 22 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | Satisfactory |
| 5 | 2073/03/03 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.4 | 54 | 26 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 6 | 2073/03/03 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.6 | 284 | 120 | 132 | 0.1 | 0.02 | 7.68 | 0.5 | Nil | Satisfactory |
| 7 | 2073/03/04 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.3 | 60 | 30 | 22 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 8 | 2073/03/05 | Mahankalchaur | Mahankalchaur W.T.P. | Treated | Clear/<5 | <5 | 7.1 | 63 | 22 | 20 | 0.1 | 0.02 | 7.68 | 0.4 | Nil | Satisfactory |
| 9 | 2073/03/05 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.5 | 46 | 22 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 10 | 2073/03/05 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.8 | 302 | 126 | 140 | 0.1 | 0.02 | 7.68 | 0.4 | Nil | Satisfactory |
| 11 | 2073/03/05 | Madhayapur Thimi | Bode W.T.P. | Treated | Clear/<5 | <5 | 6.9 | 250 | 84 | 60 | 0.1 | 1.5 | 17.2 | 0.4 | Nil | Satisfactory |
| 12 | 2073/03/06 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.5 | 46 | 22 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 13 | 2073/03/07 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.5 | 34 | 16 | 16 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 14 | 2073/03/07 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.5 | 270 | 122 | 136 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | Satisfactory |
| 15 | 2073/03/07 | Madhayapur Thimi | Bode W.T.P. | Treated | Clear/<5 | <5 | 6.9 | 240 | 78 | 64 | 0.1 | 2.0 | 15.3 | 0.3 | Nil | Satisfactory |
| 16 | 2073/03/08 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.3 | 32 | 16 | 14 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | Satisfactory |
| 17 | 2073/03/09 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.5 | 42 | 20 | 18 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | Satisfactory |
| 18 | 2073/03/09 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.5 | 260 | 100 | 130 | 0.1 | 0.02 | 7.68 | 0.4 | Nil | Satisfactory |

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|----|------------|------------------|----------------------|---------|----------|----|-----|-----|-----|-----|-----|------|------|-----|-----|--------------|
| 19 | 2073/03/09 | Madhayapur Thimi | Bode W.T.P. | Treated | Clear/<5 | <5 | 6.8 | 210 | 72 | 60 | 0.1 | 2.0 | 11.5 | 0.5 | Nil | Satisfactory |
| 20 | 2073/03/10 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.5 | 45 | 22 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 21 | 2073/03/11 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.3 | 39 | 18 | 16 | 0.1 | 0.02 | 5.76 | 0.5 | Nil | Satisfactory |
| 22 | 2073/03/12 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.4 | 48 | 24 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 23 | 2073/03/12 | Madhayapur Th | Bode W.T.P. | Treated | Clear/<5 | <5 | 6.9 | 216 | 80 | 60 | 0.3 | 1.5 | 11.5 | 0.4 | Nil | Satisfactory |
| 24 | 2073/03/12 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.9 | 274 | 124 | 132 | 0.1 | 0.02 | 9.6 | 0.4 | Nil | Satisfactory |
| 25 | 2073/03/13 | Mahankalchaur | Mahankalchaur W.T.P. | Treated | Clear/<5 | <5 | 7.7 | 44 | 20 | 18 | 0.2 | 0.02 | 5.76 | 0.5 | Nil | Satisfactory |
| 26 | 2073/03/13 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.3 | 54 | 26 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 27 | 2073/03/14 | Mahankalchaur | Mahankalchaur W.T.P. | Treated | Clear/<5 | <5 | 7.3 | 60 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.4 | Nil | Satisfactory |
| 28 | 2073/03/14 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.4 | 56 | 24 | 20 | 0.1 | 0.02 | 5.76 | 0.4 | Nil | Satisfactory |
| 29 | 2073/03/15 | Madhayapur Th | Bode W.T.P. | Treated | Clear/<5 | <5 | 6.9 | 252 | 86 | 70 | 0.1 | 2.0 | 19.2 | 0.5 | Nil | Satisfactory |
| 30 | 2073/03/15 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.2 | 54 | 26 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 31 | 2073/03/16 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.2 | 56 | 24 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 32 | 2073/03/16 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.6 | 270 | 124 | 130 | 0.1 | 0.02 | 7.68 | 0.3 | Nil | Satisfactory |
| 33 | 2073/03/17 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.6 | 45 | 22 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 34 | 2073/03/18 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.4 | 32 | 16 | 14 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 35 | 2073/03/19 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.9 | 334 | 130 | 150 | 0.1 | 0.02 | 7.68 | 0.4 | Nil | Satisfactory |
| 36 | 2073/03/19 | Madhayapur Thimi | Bode W.T.P. | Treated | Clear/<5 | <5 | 6.9 | 244 | 80 | 68 | 0.1 | 1.5 | 17.2 | 0.3 | Nil | Satisfactory |
| 37 | 2073/03/19 | Mahankalchaur | Mahankalchaur W.T.P. | Treated | Clear/<5 | <5 | 6.8 | 47 | 24 | 20 | 0.1 | 0.02 | 5.76 | 0.4 | Nil | Satisfactory |
| 38 | 2073/03/19 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.3 | 42 | 20 | 16 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 39 | 2073/03/20 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.7 | 39 | 18 | 16 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 40 | 2073/03/20 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.4 | 300 | 130 | 140 | 0.1 | 0.02 | 11.5 | 0.5 | Nil | Satisfactory |
| 41 | 2073/03/20 | Madhayapur Thimi | Bode W.T.P. | Treated | Clear/<5 | <5 | 7.0 | 218 | 74 | 64 | 0.1 | 2.0 | 11.5 | 0.4 | Nil | Satisfactory |
| 42 | 2073/03/21 | Madhayapur Th | Bode W.T.P. | Treated | Clear/<5 | <5 | 6.8 | 220 | 76 | 64 | 0.1 | 2.5 | 15.3 | 0.5 | Nil | Satisfactory |
| 43 | 2073/03/21 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.2 | 42 | 20 | 16 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 44 | 2073/03/22 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.4 | 46 | 22 | 18 | 0.1 | 0.02 | 5.76 | 0.7 | Nil | Satisfactory |
| 45 | 2073/03/22 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.7 | 302 | 124 | 140 | 0.1 | 0.02 | 11.5 | 0.3 | Nil | Satisfactory |
| 46 | 2073/03/23 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.3 | 38 | 18 | 16 | 0.1 | 0.02 | 5.76 | 0.7 | Nil | Satisfactory |
| 47 | 2073/03/24 | Mahankalchaur | Mahankalchaur W.T.P. | Treated | Clear/<5 | <5 | 7.3 | 50 | 24 | 20 | 0.1 | 0.02 | 5.76 | 0.2 | Nil | Satisfactory |

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|----|------------|---------------|----------------------|---------|----------|----|-----|-----|-----|-----|-----|------|------|-----|-----|--------------|
| 48 | 2073/03/24 | Madhayapur Th | Bode W.T.P. | Treated | Clear/<5 | <5 | 6.9 | 216 | 74 | 62 | 0.1 | 1.5 | 13.4 | 0.5 | Nil | Satisfactory |
| 49 | 2073/03/24 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.6 | 43 | 20 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 50 | 2073/03/25 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.6 | 40 | 20 | 16 | 0.1 | 0.02 | 5.76 | 0.7 | Nil | Satisfactory |
| 51 | 2073/03/25 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.6 | 42 | 20 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 52 | 2073/03/26 | Lalitpur | Sainbu W.T.P. | Treated | Clear/<5 | <5 | 7.9 | 279 | 120 | 130 | 0.1 | 0.02 | 7.68 | 0.4 | Nil | Satisfactory |
| 53 | 2073/03/26 | Mahankalchaur | Mahankalchaur W.T.P. | Treated | Clear/<5 | <5 | 7.2 | 43 | 22 | 20 | 0.1 | 0.02 | 5.76 | 0.4 | Nil | Satisfactory |
| 54 | 2073/03/26 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.7 | 35 | 16 | 14 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 55 | 2073/03/27 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.3 | 38 | 18 | 16 | 0.1 | 0.02 | 5.76 | 0.7 | Nil | Satisfactory |
| 56 | 2073/03/28 | Mahankalchaur | Mahankalchaur W.T.P. | Treated | Clear/<5 | <5 | 7.3 | 48 | 18 | 16 | 0.1 | 0.02 | 5.76 | 0.4 | Nil | Satisfactory |
| 57 | 2073/03/28 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.5 | 40 | 20 | 16 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 58 | 2073/03/29 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.7 | 45 | 20 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 59 | 2073/03/30 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/5 | <5 | 7.4 | 42 | 20 | 16 | 0.1 | 0.02 | 5.76 | 0.6 | Nil | Satisfactory |
| 60 | 2073/03/31 | Maharajgunj | Bansbari W.T.P. | Treated | Clear/<5 | <5 | 7.5 | 50 | 22 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | Nil | Satisfactory |
| 61 | 2073/03/31 | Madhayapur Th | Bode W.T.P. | Treated | Clear/<5 | <5 | 7.1 | 206 | 72 | 60 | 0.1 | 1.5 | 7.68 | 0.4 | Nil | Satisfactory |