

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
MAGH 2074

| 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 |
|---|------------|-----------------|----------------------|--------------|---------------|---------------|----------------|-------------|------------------|----------------|----------------|---------------|------------|----------------|-------------------------|--------------|
| | | | | | (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 | 2074/10/01 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 6.9 | 60 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 2 | 2074/10/02 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 6.8 | 65 | 30 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 3 | 2074/10/03 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 6.9 | 64 | 30 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 4 | 2074/10/03 | Madhyapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 6.9 | 212 | 108 | 90 | 0.2 | 1.9 | 9.6 | 0.6 | 0 | Satisfactory |
| 5 | 2074/10/04 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 62 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 6 | 2074/10/05 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 6.9 | 45 | 20 | 14 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 7 | 2074/10/05 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 67 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 8 | 2074/10/05 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.4 | 269 | 120 | 124 | 0.1 | 0.02 | 5.76 | 0.5 | 0 | Satisfactory |
| 9 | 2074/10/05 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 58 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 10 | 2074/10/05 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 67 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 11 | 2074/10/05 | Madhyapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 6.9 | 225 | 112 | 86 | 0.3 | 1.9 | 9.6 | 0.8 | 0 | Satisfactory |
| 12 | 2074/10/06 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.3 | 50 | 24 | 16 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 13 | 2074/10/07 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 7.4 | 44 | 18 | 16 | 0.1 | 0.02 | 5.76 | 0.8 | 0 | Satisfactory |
| 14 | 2074/10/07 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.3 | 235 | 106 | 124 | 0.1 | 0.02 | 7.68 | 0.6 | 0 | Satisfactory |
| 15 | 2074/10/07 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 61 | 28 | 18 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 16 | 2074/10/08 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 7.2 | 54 | 22 | 14 | 0.1 | 0.02 | 9.6 | 0.5 | 0 | Satisfactory |
| 17 | 2074/10/08 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 58 | 26 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 18 | 2074/10/08 | Madhyapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 6.8 | 211 | 106 | 92 | 0.2 | 0.02 | 9.6 | 0.7 | 0 | Satisfactory |
| 19 | 2074/10/09 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.5 | 270 | 102 | 130 | 0.1 | 0.02 | 13.44 | 0.6 | 0 | Satisfactory |
| 20 | 2074/10/09 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 6.9 | 53 | 18 | 16 | 0.1 | 0.02 | 7.68 | 0.8 | 0 | Satisfactory |
| 21 | 2074/10/09 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 54 | 24 | 16 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 22 | 2074/10/10 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 7.4 | 52 | 18 | 16 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 23 | 2074/10/10 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.4 | 243 | 102 | 112 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 24 | 2074/10/10 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 62 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 25 | 2074/10/11 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 7.4 | 61 | 22 | 18 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 26 | 2074/10/11 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.3 | 58 | 26 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 27 | 2074/10/11 | Madhyapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 6.8 | 201 | 102 | 92 | 0.2 | 1.5 | 11.52 | 0.7 | 0 | Satisfactory |
| 28 | 2074/10/12 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 7.5 | 60 | 24 | 20 | 0.1 | 0.02 | 7.68 | 0.6 | 0 | Satisfactory |
| 29 | 2074/10/12 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.3 | 52 | 20 | 16 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 30 | 2074/10/12 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.6 | 257 | 108 | 122 | 0.1 | 0.02 | 9.6 | 0.5 | 0 | Satisfactory |
| 31 | 2074/10/12 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 65 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |

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|----|------------|-----------------|----------------------|---------|----------|----|-----|-----|-----|-----|-----|------|-------|-----|---|--------------|
| 32 | 2074/10/13 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.3 | 55 | 24 | 18 | 0.1 | 0.02 | 5.76 | 0.5 | 0 | Satisfactory |
| 33 | 2074/10/14 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 7.8 | 56 | 18 | 14 | 0.1 | 0.02 | 7.68 | 0.9 | 0 | Satisfactory |
| 34 | 2074/10/14 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.3 | 67 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 35 | 2074/10/14 | Madhyapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 6.9 | 203 | 102 | 82 | 0.3 | 1.8 | 11.52 | 0.7 | 0 | Satisfactory |
| 36 | 2074/10/15 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.4 | 263 | 112 | 124 | 0.1 | 0.02 | 7.68 | 0.5 | 0 | Satisfactory |
| 37 | 2074/10/15 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 6.8 | 40 | 16 | 14 | 0.1 | 0.02 | 5.76 | 0.4 | 0 | Satisfactory |
| 38 | 2074/10/15 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 54 | 24 | 16 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 39 | 2074/10/16 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 6.8 | 43 | 16 | 14 | 0.1 | 0.02 | 5.76 | 0.5 | 0 | Satisfactory |
| 40 | 2074/10/16 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 64 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 41 | 2074/10/17 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.9 | 231 | 110 | 122 | 0.1 | 0.02 | 7.68 | 0.5 | 0 | Satisfactory |
| 42 | 2074/10/17 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 6.9 | 43 | 14 | 12 | 0.1 | 0.02 | 5.76 | 0.5 | 0 | Satisfactory |
| 43 | 2074/10/17 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 58 | 26 | 18 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 44 | 2074/10/17 | Madhyapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 6.8 | 209 | 100 | 84 | 0.2 | 1.9 | 11.52 | 0.6 | 0 | Satisfactory |
| 45 | 2074/10/18 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.3 | 46 | 18 | 14 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 46 | 2074/10/18 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 65 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 47 | 2074/10/19 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 6.9 | 40 | 14 | 10 | 0.1 | 0.02 | 5.76 | 0.8 | 0 | Satisfactory |
| 48 | 2074/10/19 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.3 | 237 | 94 | 130 | 0.1 | 0.02 | 11.52 | 0.7 | 0 | Satisfactory |
| 49 | 2074/10/19 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 59 | 26 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 50 | 2074/10/19 | Madhyapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 7.4 | 210 | 80 | 62 | 0.1 | 1.2 | 7.68 | 0.5 | 0 | Satisfactory |
| 51 | 2074/10/20 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.3 | 61 | 26 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 52 | 2074/10/21 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 6.8 | 37 | 14 | 12 | 0.1 | 0.02 | 3.84 | 0.4 | 0 | Satisfactory |
| 53 | 2074/10/21 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 63 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 54 | 2074/10/22 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 6.9 | 34 | 12 | 10 | 0.1 | 0.02 | 3.84 | 0.6 | 0 | Satisfactory |
| 55 | 2074/10/22 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 60 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 56 | 2074/10/22 | Madhyapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 7.1 | 212 | 82 | 66 | 0.2 | 1.4 | 11.52 | 0.7 | 0 | Satisfactory |
| 57 | 2074/10/23 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 6.9 | 46 | 18 | 10 | 0.1 | 0.02 | 3.84 | 0.5 | 0 | Satisfactory |
| 58 | 2074/10/23 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.6 | 254 | 114 | 126 | 0.1 | 0.02 | 7.68 | 0.8 | 0 | Satisfactory |
| 59 | 2074/10/23 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 61 | 28 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 60 | 2074/10/24 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 6.9 | 48 | 18 | 14 | 0.1 | 0.02 | 3.84 | 0.5 | 0 | Satisfactory |
| 61 | 2074/10/24 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 56 | 26 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 62 | 2074/10/24 | Madhyapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 6.9 | 212 | 86 | 62 | 0.2 | 1.8 | 13.44 | 0.7 | 0 | Satisfactory |
| 63 | 2074/10/25 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 7.3 | 36 | 14 | 12 | 0.1 | 0.02 | 3.84 | 0.6 | 0 | Satisfactory |
| 64 | 2074/10/25 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.2 | 50 | 22 | 18 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 65 | 2074/10/26 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.3 | 262 | 114 | 128 | 0.1 | 0.02 | 7.68 | 0.7 | 0 | Satisfactory |
| 66 | 2074/10/26 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 7.5 | 46 | 16 | 14 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 67 | 2074/10/26 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 62 | 22 | 18 | 0.1 | 0.02 | 7.68 | 0.7 | 0 | Satisfactory |
| 68 | 2074/10/26 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.3 | 58 | 26 | 20 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 69 | 2074/10/26 | Madhyapur Thimi | Bode W.T.P | Treated | Clear/<5 | <5 | 6.7 | 214 | 88 | 56 | 0.2 | 1.8 | 9.6 | 0.6 | 0 | Satisfactory |
| 70 | 2074/10/27 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 54 | 24 | 18 | 0.1 | 0.02 | 5.76 | 0.7 | 0 | Satisfactory |
| 71 | 2074/10/28 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 7.1 | 46 | 16 | 12 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 72 | 2074/10/28 | Lalitpur | Sainbu W.T.P | Treated | Clear/<5 | <5 | 7.2 | 263 | 112 | 128 | 0.1 | 0.02 | 7.68 | 0.6 | 0 | Satisfactory |
| 73 | 2074/10/28 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 58 | 26 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |

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|----|------------|----------------|----------------------|---------|----------|----|-----|----|----|----|-----|------|------|-----|---|--------------|
| 74 | 2074/10/29 | Mahankal Chaur | Mahankal Chaur W.T.P | Treated | Clear/<5 | <5 | 7.4 | 38 | 14 | 10 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |
| 75 | 2074/10/29 | Maharajgunj | Bansbari W.T.P | Treated | Clear/<5 | <5 | 7.1 | 70 | 30 | 20 | 0.1 | 0.02 | 5.76 | 0.6 | 0 | Satisfactory |