

**KATHMANDU UPATYAKA KHANEPANI LIMITED**  
**Water / Waste Water Quality Assurance Division , Mahankalchaur**  
**Laboratory Record Of Chemical & Bacteriological Analysis Of Water**  
**Magh 2075**

S.No.	Date	Branch	Location	Sample taken	Turbidity	Colour	p <sup>H</sup>	E.C.	Total Alkalinity	Total Hardness	Total Iron	Total Ammonia	Chloride	F.R.C.	Total Coliforms
					(NTU)	(TCU)		µs/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	/100ml
<b>National Drinking Water Quality Standard (NDWQS)</b>					<b>5 (10)</b>	<b>5 (15)</b>	<b>6.5-8.5</b>	<b>1500</b>		<b>500</b>	<b>0.3 (3)</b>	<b>1.5</b>	<b>250</b>	<b>0.1-0.2</b>	<b>0 in 95% Samples</b>
1	2075-10-01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	237	104	116	0.1	0.02	7.68	0.5	0
2	2075-10-01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	80	32	22	0.1	0.02	5.76	0.6	0
3	2075-10-01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	48	18	10	0.3	0.02	5.76	0.8	0
4	2075-10-02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	241	106	118	0.1	0.02	7.68	0.6	0
5	2075-10-02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	270	100	76	0.3	1.9	23.04	0.3	0
6	2075-10-02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	79	30	22	0.1	0.02	5.76	0.6	0
7	2075-10-02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	48	18	10	0.1	0.02	5.76	0.4	0
8	2075-10-03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	251	108	122	0.1	0.02	7.68	0.5	0
9	2075-10-03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	72	30	18	0.1	0.02	5.76	0.6	0
10	2075-10-03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	44	14	8	0.3	0.02	3.84	0.5	0
11	2075-10-04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	259	112	124	0.1	0.02	7.68	0.7	0
12	2075-10-04	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	248	100	42	0.3	1.5	9.6	0.4	0
13	2075-10-04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	70	30	20	0.1	0.02	5.76	0.6	0
14	2075-10-04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	44	14	12	0.2	0.02	3.84	0.4	0
15	2075-10-05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	76	32	22	0.1	0.02	5.76	0.6	0
16	2075-10-06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.8	271	108	128	0.1	0.02	7.68	0.5	0
17	2075-10-06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	237	92	48	0.3	1.5	16	0.5	0
18	2075-10-06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	75	30	22	0.1	0.02	5.76	0.6	0
19	2075-10-06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	46	18	10	0.3	0.02	3.84	0.4	0
20	2075-10-07	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	255	108	122	0.1	0.02	7.68	0.6	0
21	2075-10-07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	286	90	60	0.3	1.4	17.28	0.6	0
22	2075-10-07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	80	34	20	0.1	0.02	5.76	0.6	0
23	2075-10-07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	41	14	10	0.3	0.02	3.84	0.4	0
24	2075-10-08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	267	108	126	0.1	0.02	7.68	0.5	0
25	2075-10-08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	246	96	46	0.3	1.8	9.6	0.5	0
26	2075-10-08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	70	26	18	0.1	0.02	5.76	0.6	0
27	2075-10-08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	77	16	22	0.3	0.02	5.76	0.8	0
28	2075-10-09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	263	108	124	0.1	0.02	7.68	0.6	0
29	2075-10-09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	265	96	56	0.3	1.9	15.36	0.6	0
30	2075-10-09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	78	32	12	0.1	0.02	3.84	0.7	0

31	2075-10-09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	54	16	12	0.3	0.02	5.76	0.6	0
32	2075-10-10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.8	256	110	126	0.1	0.02	7.68	0.5	0
33	2075-10-10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	258	98	50	0.3	1.6	9.6	0.5	0
34	2075-10-10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	95	40	36	0.1	0.02	9.6	0.7	0
35	2075-10-10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	60	16	12	0.3	0.02	5.76	0.3	0
36	2075-10-11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	263	106	128	0.1	0.02	7.68	0.4	0
37	2075-10-11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	255	100	44	0.3	1.8	7.68	0.6	0
38	2075-10-11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	77	32	20	0.1	0.02	5.76	0.7	0
39	2075-10-11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	63	16	12	0.3	0.02	5.76	0.7	0
40	2075-10-12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	81	34	20	0.1	0.02	5.76	0.6	0
41	2075-10-13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	271	110	130	0.1	0.02	7.68	0.6	0
42	2075-10-13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	290	118	46	0.3	1.8	3.84	0.7	0
43	2075-10-13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	76	32	20	0.1	0.02	5.76	0.6	0
44	2075-10-13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	57	16	12	0.3	0.02	5.76	0.5	0
45	2075-10-14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	257	108	124	0.1	0.02	7.68	0.7	0
46	2075-10-14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	300	100	62	0.3	1.8	23.04	0.6	0
47	2075-10-14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	96	38	26	0.1	0.02	7.68	0.6	0
48	2075-10-15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	266	102	128	0.1	0.02	7.68	0.5	0
49	2075-10-15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	266	102	52	0.3	1.6	9.6	0.7	0
50	2075-10-15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	89	40	22	0.1	0.02	5.76	0.6	0
51	2075-10-16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	263	110	126	0.1	0.02	7.68	0.7	0
52	2075-10-16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	79	34	22	0.1	0.02	5.76	0.6	0
53	2075-10-16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	57	16	12	0.3	0.02	5.76	0.5	0
54	2075-10-17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	271	108	132	0.1	0.02	7.68	0.6	0
55	2075-10-17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	274	94	52	0.3	1.5	15.36	0.6	0
56	2075-10-17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	78	32	20	0.1	0.02	5.76	0.7	0
57	2075-10-17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	52	14	16	0.2	0.02	3.84	0.5	0
58	2075-10-18	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	255	106	118	0.1	0.02	7.68	0.6	0
59	2075-10-18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	256	104	46	0.3	5.6	3.84	0.6	0
60	2075-10-18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	84	34	20	0.1	0.02	5.76	0.6	0
61	2075-10-18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	49	14	16	0.2	0.02	3.84	0.3	0
62	2075-10-19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	80	34	20	0.1	0.02	5.76	0.6	0
63	2075-10-20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	258	104	122	0.1	0.02	7.68	0.5	0
64	2075-10-20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	263	106	46	0.3	2	11.52	0.5	0
65	2075-10-20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	78	30	20	0.1	0.02	5.76	0.7	0
66	2075-10-20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	42	16	10	0.2	0.02	3.84	0.6	0
67	2075-10-21	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	261	102	126	0.1	0.02	7.68	0.7	0
68	2075-10-21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	86	34	20	0.1	0.02	5.76	0.6	0
69	2075-10-21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	2	16	10	0.1	0.02	3.84	0.5	0
70	2075-10-22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	263	110	128	0.1	0.02	7.68	0.4	0

71	2075-10-22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	83	36	18	0.1	0.02	5.76	0.6	0
72	2075-10-22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	40	14	10	0.1	0.02	5.76	0.5	0
73	2075-10-23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	257	110	124	0.1	0.02	7.68	0.5	0
74	2075-10-23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	80	32	20	0.1	0.02	5.76	0.7	0
75	2075-10-23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	47	14	16	0.3	0.02	3.84	0.6	0
76	2075-10-24	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	261	112	126	0.1	0.02	7.68	0.6	0
77	2075-10-24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	79	34	20	0.2	0.02	5.76	0.6	0
78	2075-10-24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	6.8	70	18	16	0.2	0.02	5.76	0.4	0
79	2075-10-25	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	259	108	122	0.1	0.02	7.68	0.6	0
80	2075-10-25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	81	34	20	0.2	0.02	5.76	0.6	0
81	2075-10-25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	51	16	12	0.3	0.02	7.68	0.6	0
82	2075-10-26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	64	24	18	0.2	0.02	5.76	0.5	0
83	2075-10-27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	264	108	126	0.1	0.02	7.68	0.4	0
84	2075-10-27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	78	26	18	0.2	0.02	7.68	0.7	0
85	2075-10-27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	46	14	10	0.3	0.02	5.76	0.6	0
86	2075-10-28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.6	80	32	22	0.2	0.02	5.76	0.7	0
87	2075-10-28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	63	18	20	0.3	0.02	5.76	0.2	0
88	2075-10-29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	259	112	126	0.1	0.02	7.68	0.5	0
89	2075-10-29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	265	98	48	0.3	1.9	13.44	0.7	0
90	2075-10-29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	83	32	20	0.2	0.02	5.76	0.7	0
91	2075-10-29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.8	54	18	12	0.3	0.02	3.84	0.6	0





