

**KATHMANDU UPATYAKA KHANEPANI LIMITED**  
**Water / Waste Water Quality Assurance Division , Mahankalchaur**  
**Laboratory Record Of Chemical & Bacteriological Analysis Of Water**  
Mangsir 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	Remarks
Units					(NTU)	(TCU)		µs/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	/100ml	
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	2075-08-01	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.2	64	24	18	0.1	0.02	6	0.6	0	Satisfactory
2	2075-08-02	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	60	24	18	0.1	0.02	6	0.5	0	Satisfactory
3	2075-08-02	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	35	8	10	0.1	0.02	5.76	0.5	0	Satisfactory
4	2075-08-03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.8	273	108	120	0.1	0.02	8	0.6	0	Satisfactory
5	2075-08-03	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.2	69	36	18	0.1	0.02	8	0.6	0	Satisfactory
6	2075-08-03	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5.0	6.6	231	102	44	0.2	1.7	9.6	0.7	0	Satisfactory
7	2075-08-03	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.7	35	8	12	0.1	0.02	5.76	0.3	0	Satisfactory
8	2075-08-04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	7.9	271.7	106	120	0.2	0.02	6	0.7	0	Satisfactory
9	2075-08-04	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	6.9	64	24	18	0.1	0.02	6	0.6	0	Satisfactory
10	2075-08-04	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	7.3	47	16	14	0.1	0.02	5.76	0.6	0	Satisfactory
11	2075-08-05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	7.3	273	108	126	0.1	0.02	8	0.4	0	Satisfactory
12	2075-08-05	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.3	70	32	20	0.1	0.02	5.76	0.6	0	Satisfactory
13	2075-08-05	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.9	36	10	12	0.1	0.02	5.76	0.3	0	Satisfactory
14	2075-08-06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	7.1	270	108	124	0.1	0.02	8	0.6	0	Satisfactory
15	2075-08-06	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.2	65	26	18	0.1	0.02	5.76	0.4	0	Satisfactory
16	2075-08-06	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	36	16	14	0.1	0.02	5.76	0.5	0	Satisfactory
17	2075-08-06	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5.0	6.5	233	96	42	0.3	1.8	11.52	0.5	0	Satisfactory
18	2075-08-07	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.8	280	110	130	0.1	0.02	8	0.5	0	Satisfactory
19	2075-08-07	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	60	24	18	0.1	0.02	5.76	0.5	0	Satisfactory
20	2075-08-07	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	31	8	10	0.1	0.02	5.76	0.8	0	Satisfactory
21	2075-08-08	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	66	26	18	0.1	0.02	5.76	0.5	0	Satisfactory
22	2075-08-09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.9	264	106	120	0.1	0.02	8	0.7	0	Satisfactory
23	2075-08-09	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	59	24	18	0.1	0.02	5.76	0.6	0	Satisfactory
24	2075-08-09	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	60	14	22	0.3	0.02	7.68	0.7	0	Satisfactory
25	2075-08-09	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5.0	6.0	228	104	52	0.3	1.9	9.6	0.6	0	Satisfactory
26	2075-08-10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.8	260	108	120	0.1	0.02	6	0.7	0	Satisfactory
27	2075-08-10	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	65	26	18	0.1	0.02	5.76	0.6	0	Satisfactory
28	2075-08-10	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	45	8	14	0.3	0.02	5.76	0.5	0	Satisfactory
29	2075-08-11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.9	285	110	134	0.1	0.02	10	0.6	0	Satisfactory
30	2075-08-11	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	62	26	18	0.1	0.02	5.76	0.7	0	Satisfactory
31	2075-08-11	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	45	8	12	0.3	0.02	5.76	0.4	0	Satisfactory
32	2075-08-12	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	64	26	18	0.1	0.02	5.76	0.6	0	Satisfactory

33	2075-08-12	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	46	8	14	0.3	0.02	5.76	0.5	0	Satisfactory
34	2075-08-13	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	6.8	66	26	18	0.1	0.02	5.76	0.6	0	Satisfactory
35	2075-08-13	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	47	14	10	0.3	0.02	5.76	0.4	0	Satisfactory
36	2075-08-14	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	6.9	64	26	18	0.1	0.02	5.76	0.6	0	Satisfactory
37	2075-08-14	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.9	58	14	26	0.3	0.02	7.68	0.3	0	Satisfactory
38	2075-08-14	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5.0	6.5	234	94	50	0.3	1.8	11.52	0.5	0	Satisfactory
39	2075-08-15	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	62	24	18	0.1	0.02	5.76	0.5	0	Satisfactory
40	2075-08-16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.8	280	112	136	0.1	0.02	8	0.8	0	Satisfactory
41	2075-08-16	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	6.6	63	26	18	0.1	0.02	5.76	0.6	0	Satisfactory
42	2075-08-16	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.8	49	10	16	0.1	0.02	5.76	0.3	0	Satisfactory
43	2075-08-17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.5	274	102	134	0.1	0.02	8	0.7	0	Satisfactory
44	2075-08-17	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	60	26	18	0.1	0.02	5.76	0.6	0	Satisfactory
45	2075-08-17	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5.0	6.6	240	96	44	0.1	2	9.6	0.6	0	Satisfactory
46	2075-08-17	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	7.7	70	20	18	0.1	0.02	7.68	0.8	0	Satisfactory
47	2075-08-18	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.9	270	108	134	0.1	0.02	8	0.8	0	Satisfactory
48	2075-08-18	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.3	59	22	16	0.1	0.02	7.68	0.6	0	Satisfactory
49	2075-08-18	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	39	16	10	0.2	0.02	5.76	0.6	0	Satisfactory
50	2075-08-19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.9	260	100	132	0.1	0.02	8	0.6	0	Satisfactory
51	2075-08-19	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	65	26	18	0.1	0.02	5.76	0.6	0	Satisfactory
52	2075-08-19	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	84	22	28	0.1	0.02	11.52	0.8	0	Satisfactory
53	2075-08-20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.5	264	110	130	0.1	0.02	6	0.7	0	Satisfactory
54	2075-08-20	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	6.7	65	26	20	0.1	0.02	5.76	0.6	0	Satisfactory
55	2075-08-20	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	53	10	16	0.2	0.02	5.76	0.3	0	Satisfactory
56	2075-08-20	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5.0	6.5	238	90	50	0.3	2	9.6	0.4	0	Satisfactory
57	2075-08-21	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.5	260	104	134	0.1	0.02	10	0.6	0	Satisfactory
58	2075-08-21	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	6.8	64	26	18	0.1	0.02	5.76	0.6	0	Satisfactory
59	2075-08-21	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.7	51	8	14	0.3	0.02	5.76	0.4	0	Satisfactory
60	2075-08-22	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	6.8	62	24	18	0.1	0.02	5.76	0.6	0	Satisfactory
61	2075-08-23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.8	275	112	126	0.1	0.02	14	0.8	0	Satisfactory
62	2075-08-23	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	6.8	57	22	18	0.1	0.02	5.76	0.5	0	Satisfactory
63	2075-08-23	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	87	16	22	0.1	0.02	9.6	0.8	0	Satisfactory
64	2075-08-24	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.9	260	110	132	0.1	0.02	8	0.9	0	Satisfactory
65	2075-08-24	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	63	24	18	0.1	0.02	5.76	0.6	0	Satisfactory
66	2075-08-24	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	60	14	18	0.1	0.02	7.68	0.8	0	Satisfactory
67	2075-08-24	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5.0	6.6	224	88	48	0.2	1.7	11.52	0.4	0	Satisfactory
68	2075-08-25	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	7.2	270	110	132	0.1	0.02	10	0.4	0	Satisfactory
69	2075-08-25	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	6.9	59	24	18	0.1	0.02	5.76	0.6	0	Satisfactory
70	2075-08-25	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	7.1	58	14	20	0.3	0.02	7.68	0.8	0	Satisfactory
71	2075-08-26	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	7.2	270	112	134	0.1	0.02	7.68	0.7	0	Satisfactory
72	2075-08-26	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	55	24	16	0.1	0.02	5.76	0.6	0	Satisfactory
73	2075-08-26	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	48	18	12	0.3	0.02	5.76	0.4	0	Satisfactory
74	2075-08-27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	7.3	256	90	122	0.1	0.02	7.68	0.7	0	Satisfactory
75	2075-08-27	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	64	28	18	0.1	0.02	5.76	0.6	0	Satisfactory

76	2075-08-27	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.8	55	14	12	0.3	0.02	9.6	0.2	0	Satisfactory
77	2075-08-27	Madhyapur Thimi	Bode W.T.P	Treated	Clear/<5	<5.0	6.5	254	92	48	0.3	1.8	9.6	0.7	0	Satisfactory
78	2075-08-28	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.8	264	102	126	0.1	0.02	7.68	0.6	0	Satisfactory
79	2075-08-28	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	66	28	18	0.1	0.02	5.76	0.6	0	Satisfactory
80	2075-08-28	Mahankalchaur	Mahankal Chaur W.T.P	Treated	Clear/<5	<5.0	6.5	72	20	16	0.1	0.02	5.76	0.2	0	Satisfactory
81	2075-08-29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5.0	6.9	275	108	134	0.1	0.02	7.68	0.7	0	Satisfactory
82	2075-08-29	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5.0	7.1	61	26	18	0.1	0.02	5.76	0.6	0	Satisfactory