

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

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	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	2073/05/01	Mahankalchaur	Mahanchaur W.T.P.	Treated	<5	<5	7.8	43	20	18	0.1	0.02	5.76	0.5	Nil	Satisfactory
2	2073/05/01	Lalitpur	Sainbu W.T.P.	Treated	<5	<5	7.7	266	120	140	0.1	0.02	9.6	0.5	Nil	Satisfactory
3	2073/05/05	Mahankalchaur	Mahanchaur W.T.P.	Treated	<5	<5	7.6	42	20	18	0.1	0.02	5.76	0.5	Nil	Satisfactory
4	2073/05/07	Madhyapurthimi	Bode W.T.P.	Treated	<5	<5	6.8	202	70	62	0.3	1.8	17.2	0.3	Nil	Satisfactory
5	2073/05/08	Mahankalchaur	Mahanchaur W.T.P.	Treated	<5	<5	7.0	49	24	18	0.1	0.02	5.76	0.4	Nil	Satisfactory
6	2073/05/08	Lalitpur	Sainbu W.T.P.	Treated	<5	<5	7.7	321	140	150	0.1	0.02	9.6	0.6	Nil	Satisfactory
7	2073/05/08	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.7	40	18	16	0.1	0.02	5.76	0.7	Nil	Satisfactory
8	2073/05/10	Madhyapurthimi	Bode W.T.P.	Treated	<5	<5	7.2	190	60	48	0.1	2.0	17.2	0.4	Nil	Satisfactory
9	2073/05/10	Lalitpur	Sainbu W.T.P.	Treated	<5	<5	7.8	240	116	130	0.1	0.02	7.68	0.6	Nil	Satisfactory
10	2073/05/10	Mahankalchaur	Mahanchaur W.T.P.	Treated	<5	<5	7.5	52	26	20	0.1	0.02	5.76	0.6	Nil	Satisfactory
11	2073/05/12	Lalitpur	Sainbu W.T.P.	Treated	<5	<5	7.8	321	140	150	0.1	0.02	9.6	0.4	Nil	Satisfactory
12	2073/05/12	Madhyapurthimi	Bode W.T.P.	Treated	<5	<5	7.0	264	72	60	0.1	2.0	9.6	0.5	Nil	Satisfactory
13	2073/05/14	Madhyapurthimi	Bode W.T.P.	Treated	<5	<5	6.8	219	80	60	0.2	2.0	23.0	0.4	Nil	Satisfactory
14	2073/05/15	Lalitpur	Sainbu W.T.P.	Treated	<5	<5	7.3	262	120	140	0.1	0.02	7.68	0.3	Nil	Satisfactory
15	2073/05/15	Mahankalchaur	Mahanchaur W.T.P.	Treated	<5	<5	7.3	44	20	16	0.1	0.02	5.76	0.6	Nil	Satisfactory
16	2073/05/16	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.5	31	14	14	0.1	0.02	5.76	0.6	Nil	Satisfactory
17	2073/05/17	Madhyapurthimi	Bode W.T.P.	Treated	<5	<5	6.9	194	80	60	0.1	1.5	13.4	0.5	Nil	Satisfactory
18	2073/05/17	Lalitpur	Sainbu W.T.P.	Treated	<5	<5	7.5	271	116	150	0.1	0.02	9.6	0.5	Nil	Satisfactory
19	2073/05/17	Mahankalchaur	Mahanchaur W.T.P.	Treated	<5	<5	7.6	56	24	20	0.1	0.02	5.76	0.6	Nil	Satisfactory
20	2073/05/17	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.7	29	14	10	0.1	0.02	5.76	0.6	Nil	Satisfactory
21	2073/05/18	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.6	33	14	12	0.1	0.02	5.76	0.6	Nil	Satisfactory
22	2073/05/19	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.4	27	12	10	0.1	0.02	5.76	0.6	Nil	Satisfactory

23	2073/05/20	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.4	29	14	10	0.1	0.02	5.76	0.6	Nil	Satisfactory
24	2073/05/21	Madhyapurthimi	Bode W.T.P.	Treated	<5	<5	7.1	218	72	48	0.2	1.6	15.3	0.4	Nil	Satisfactory
25	2073/05/21	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.6	29	14	10	0.1	0.02	5.76	0.6	Nil	Satisfactory
26	2073/05/22	Lalitpur	Sainbu W.T.P.	Treated	<5	<5	7.7	266	100	140	0.1	0.02	11.5	0.3	Nil	Satisfactory
27	2073/05/22	Mahankalchaur	Mahanchaur W.T.P.	Treated	<5	<5	7.3	42	20	16	0.1	0.02	5.76	0.6	Nil	Satisfactory
28	2073/05/22	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.5	28	14	10	0.1	0.02	5.76	0.6	Nil	Satisfactory
29	2073/05/23	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.6	27	14	10	0.1	0.02	5.76	0.6	Nil	Satisfactory
30	2073/05/24	Madhyapurthimi	Bode W.T.P.	Treated	<5	<5	7.6	206	78	66	0.1	2.0	15.3	0.4	Nil	Satisfactory
31	2073/05/24	Lalitpur	Sainbu W.T.P.	Treated	<5	<5	7.2	288	136	130	0.1	0.02	11.5	0.4	Nil	Satisfactory
32	2073/05/24	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.6	29	14	12	0.1	0.02	5.76	0.6	Nil	Satisfactory
33	2073/05/25	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.4	28	14	12	0.1	0.02	5.76	0.6	Nil	Satisfactory
34	2073/05/26	Mahankalchaur	Mahanchaur W.T.P.	Treated	<5	<5	7.7	41	18	14	0.1	0.02	5.76	0.5	Nil	Satisfactory
35	2073/05/26	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.4	28	14	10	0.1	0.02	5.76	0.5	Nil	Satisfactory
36	2073/05/27	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.3	27	12	10	0.1	0.02	5.76	0.6	Nil	Satisfactory
37	2073/05/28	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.6	28	14	10	0.1	0.02	5.76	0.6	Nil	Satisfactory
38	2073/05/29	Lalitpur	Sainbu W.T.P.	Treated	<5	<5	7.6	282	110	130	0.1	0.02	7.68	0.5	Nil	Satisfactory
39	2073/05/29	Mahankalchaur	Mahanchaur W.T.P.	Treated	<5	<5	7.4	34	16	14	0.1	0.02	5.76	0.6	Nil	Satisfactory
40	2073/05/29	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.5	24	10	10	0.1	0.02	5.76	0.5	Nil	Satisfactory
41	2073/05/30	Mahankalchaur	Mahanchaur W.T.P.	Treated	<5	<5	7.3	40	18	16	0.1	0.02	5.76	0.5	Nil	Satisfactory
42	2073/05/30	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.3	28	14	10	0.1	0.02	5.76	0.6	Nil	Satisfactory
43	2073/05/31	Madhyapurthimi	Bode W.T.P.	Treated	<5	<5	6.7	203	68	52	0.1	1.6	13.4	0.4	Nil	Satisfactory
44	2073/05/31	Maharajung	Bansbari W.T.P.	Treated	<5	<5	7.4	27	14	10	0.1	0.02	5.76	0.6	Nil	Satisfactory