

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

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	2074/03/01	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.6	53	20	16	0.1	0.02	7.68	0.5	Nil	Satisfactory					
2	2074/03/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	300	122	126	0.1	0.02	19.2	0.6	Nil	Satisfactory					
3	2074/03/01	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	94	42	28	0.1	0.02	5.76	0.4	Nil	Satisfactory					
4	2074/03/02	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.4	61	24	18	0.1	0.02	9.6	0.6	Nil	Satisfactory					
5	2074/03/02	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	6.9	253	90	60	0.1	2.0	19.2	0.5	Nil	Satisfactory					
6	2074/02/02	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	102	44	30	0.1	0.02	5.76	0.5	Nil	Satisfactory					
7	2074/02/03	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.7	98	40	30	0.1	0.02	5.76	0.5	Nil	Satisfactory					
8	2074/03/04	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.2	57	16	14	0.1	0.02	9.6	0.5	Nil	Satisfactory					
9	2074/03/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	290	112	120	0.1	0.02	19.2	0.5	Nil	Satisfactory					
10	2074/03/04	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.7	86	38	26	0.1	0.02	5.76	0.5	Nil	Satisfactory					
11	2074/03/05	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.0	64	16	14	0.1	0.02	19.2	0.6	Nil	Satisfactory					
12	2074/03/05	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.6	96	40	28	0.1	0.02	5.76	0.6	Nil	Satisfactory					
13	2074/03/06	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.5	65	16	14	0.1	0.02	17.2	0.6	Nil	Satisfactory					
14	2074/03/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	300	122	140	0.1	0.02	19.2	0.6	Nil	Satisfactory					
15	2074/03/06	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	84	38	26	0.1	0.02	5.76	0.5	Nil	Satisfactory					
16	2074/03/07	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.4	66	16	14	0.1	0.02	17.2	0.4	Nil	Satisfactory					
17	2074/03/07	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	58	28	22	0.1	0.02	5.76	0.5	Nil	Satisfactory					
18	2074/03/08	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.2	74	16	30	0.1	0.02	9.6	0.5	Nil	Satisfactory					
19	2074/03/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	310	118	130	0.1	0.02	9.6	0.7	Nil	Satisfactory					
20	2074/03/08	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	52	24	20	0.1	0.02	5.76	0.5	Nil	Satisfactory					
21	2074/03/09	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.7	74	26	22	0.1	0.02	11.5	0.5	Nil	Satisfactory					
22	2074/03/09	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.6	86	30	30	0.2	0.02	5.76	0.5	Nil	Satisfactory					

23	2074/03/10	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	6.9	65	16	20	0.1	0.02	9.6	0.5	Nil	Satisfactory
24	2074/03/10	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	78	26	30	0.2	0.02	5.76	0.6	Nil	Satisfactory
25	2074/03/11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	294	104	152	0.1	0.02	11.5	0.6	Nil	Satisfactory
26	2074/03/11	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.2	262	82	62	0.1	1.3	11.5	0.4	Nil	Satisfactory
27	2074/03/11	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.5	54	18	16	0.1	0.02	7.68	0.6	Nil	Satisfactory
28	2074/03/11	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	58	24	24	0.1	0.02	5.76	0.6	Nil	Satisfactory
29	2074/03/12	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	52	22	18	0.1	0.02	5.76	0.5	Nil	Satisfactory
30	2074/03/13	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.4	50	16	14	0.1	0.02	7.68	0.4	Nil	Satisfactory
31	2074/03/13	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.7	42	20	18	0.1	0.02	5.76	0.6	Nil	Satisfactory
32	2074/03/14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	306	118	126	0.1	0.02	11.5	0.5	Nil	Satisfactory
33	2074/03/14	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.1	53	12	16	0.1	0.02	7.68	0.5	Nil	Satisfactory
34	2074/03/14	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.2	222	74	58	0.2	2.0	15.3	0.5	Nil	Satisfactory
35	2074/03/14	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	60	24	20	0.1	0.02	5.76	0.5	Nil	Satisfactory
36	2074/03/15	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.1	50	20	16	0.3	0.02	7.68	0.6	Nil	Satisfactory
37	2074/03/15	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	63	26	22	0.1	0.02	5.76	0.7	Nil	Satisfactory
38	2074/03/16	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.2	51	20	14	0.1	0.02	7.68	0.4	Nil	Satisfactory
39	2074/03/16	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.6	38	18	16	0.1	0.02	5.76	0.6	Nil	Satisfactory
40	2074/03/17	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.6	34	16	16	0.1	0.02	5.76	0.5	Nil	Satisfactory
41	2074/03/18	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.3	50	20	16	0.2	0.02	7.68	0.6	Nil	Satisfactory
42	2074/03/18	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.2	38	18	16	0.1	0.02	5.76	0.6	Nil	Satisfactory
43	2074/03/19	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.2	54	22	16	0.1	0.02	7.68	0.5	Nil	Satisfactory
44	2074/03/19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	309	118	130	0.1	0.02	9.6	0.7	Nil	Satisfactory
45	2074/03/19	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.3	34	16	14	0.1	0.02	5.76	0.7	Nil	Satisfactory
46	2074/03/20	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.1	59	24	20	0.1	0.02	9.6	0.8	Nil	Satisfactory
47	2074/03/20	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.7	40	18	16	0.1	0.02	5.76	0.7	Nil	Satisfactory
48	2074/03/21	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	6.9	55	22	20	0.1	0.02	7.68	0.8	Nil	Satisfactory
49	2074/03/21	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	294	116	130	0.1	0.02	9.6	0.7	Nil	Satisfactory
50	2074/03/21	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	38	18	16	0.1	0.02	5.76	0.6	Nil	Satisfactory
51	2074/03/22	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.3	42	12	14	0.1	0.02	7.68	0.7	Nil	Satisfactory
52	2074/03/22	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.1	274	86	58	0.1	2.0	11.5	0.6	Nil	Satisfactory
53	2074/03/22	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.8	36	18	14	0.1	0.02	5.76	0.5	Nil	Satisfactory
54	2074/03/23	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.6	50	16	16	0.2	0.02	7.68	0.6	Nil	Satisfactory
55	2074/03/23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	250	100	120	0.1	0.02	7.68	0.5	Nil	Satisfactory

56	2074/03/23	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	38	18	16	0.1	0.02	5.76	0.6	Nil	Satisfactory
57	2074/03/24	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.7	40	18	18	0.1	0.02	5.76	0.5	Nil	Satisfactory
58	2074/03/25	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	6.8	52	14	20	0.2	0.02	9.6	0.5	Nil	Satisfactory
59	2074/03/25	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.2	230	76	56	0.1	1.5	9.6	0.4	Nil	Satisfactory
60	2074/03/25	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.4	44	20	18	0.1	0.02	5.76	0.5	Nil	Satisfactory
61	2074/03/26	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	252	100	124	0.1	0.02	7.68	0.6	Nil	Satisfactory
62	2074/03/26	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	6.9	48	14	18	0.1	0.02	7.68	0.5	Nil	Satisfactory
63	2074/03/26	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	43	18	18	0.1	0.02	5.76	0.5	Nil	Satisfactory
64	2074/03/27	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.2	40	14	12	0.1	0.02	7.68	0.7	Nil	Satisfactory
65	2074/03/27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.7	260	108	130	0.1	0.02	7.68	0.8	Nil	Satisfactory
66	2074/03/27	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.0	250	84	66	0.1	1.9	13.4	0.7	Nil	Satisfactory
67	2074/03/27	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.9	37	18	16	0.1	0.02	5.76	0.6	Nil	Satisfactory
68	2074/03/28	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.1	256	88	82	0.1	1.8	15.3	0.6	Nil	Satisfactory
69	2074/03/28	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.4	37	12	10	0.1	0.0	7.68	0.7	Nil	Satisfactory
70	2074/03/28	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.8	32	16	14	0.1	0.02	5.76	0.6	Nil	Satisfactory
71	2074/03/29	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.4	39	14	10	0.1	0.02	7.68	0.6	Nil	Satisfactory
72	2074/03/29	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.6	37	18	14	0.1	0.02	5.76	0.5	Nil	Satisfactory
73	2074/03/30	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	7.2	232	76	58	0.1	2.0	19.2	0.7	Nil	Satisfactory
74	2074/03/30	Mahankalchaur	Mahankalchaur W.T.P.	Treated	Clear/<5	<5	7.4	57	18	14	0.1	0.02	9.6	0.5	Nil	Satisfactory
75	2074/03/30	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.5	38	18	16	0.1	0.02	5.76	0.6	Nil	Satisfactory
76	2074/03/31	Maharajgunj	Bansbari W.T.P.	Treated	Clear/<5	<5	7.8	39	18	16	0.1	0.02	5.76	0.6	Nil	Satisfactory