

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Chaitra 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 Coliform	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	95% Sampl	
1	2074/12/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	46	18	16	0.1	0.02	7.68	0.5	Nil	satisfactory
2	2074/12/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	82	28	32	0.1	0.02	5.76	0.6	Nil	satisfactory
3	2074/12/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	236	88	92	0.5	1.3	11.52	0.7	Nil	satisfactory
4	2074/12/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	48	22	20	0.1	0.02	7.68	0.5	Nil	satisfactory
5	2074/12/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	70	34	22	0.1	0.02	5.76	0.5	Nil	satisfactory
6	2074/12/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	82	36	24	0.1	0.02	7.68	0.6	Nil	satisfactory
7	2074/12/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	50	20	18	0.1	0.02	7.68	0.5	Nil	satisfactory
8	2074/12/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	76	36	24	0.1	0.02	7.68	0.6	Nil	satisfactory
9	2074/12/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	42	20	14	0.1	0.02	7.68	0.3	Nil	satisfactory
10	2074/12/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	81	32	28	0.1	0.02	7.68	0.6	Nil	satisfactory
11	2074/12/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.3	240	92	86	0.6	2.1	7.68	0.5	Nil	satisfactory
12	2074/12/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	48	24	18	0.1	0.02	7.68	0.5	Nil	satisfactory
13	2074/12/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	80	36	30	0.1	0.02	5.76	0.6	Nil	satisfactory
14	2074/12/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	48	22	14	0.1	0.02	5.76	0.5	Nil	satisfactory
15	2074/12/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	78	30	24	0.1	0.02	7.68	0.6	Nil	satisfactory
16	2074/12/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	223	68	70	0.5	2.2	15.3	0.7	Nil	satisfactory
17	2074/12/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	50	20	14	0.1	0.02	7.68	0.5	Nil	satisfactory
18	2074/12/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	82	28	26	0.1	0.02	7.68	0.7	Nil	satisfactory
19	2074/12/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.6	80	32	40	0.1	0.02	7.68	0.6	Nil	satisfactory
20	2074/12/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.5	82	32	38	0.1	0.02	5.76	0.7	Nil	satisfactory
21	2074/12/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.5	78	30	36	0.1	0.02	7.68	0.7	Nil	satisfactory
22	2074/12/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	55	20	18	0.1	0.02	7.68	0.5	Nil	satisfactory

23	2074/12/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	86	42	34	0.1	0.02	5.76	0.6	Nil	satisfactory
24	2074/12/13	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.6	260	120	124	0.1	0.02	7.68	0.2	Nil	satisfactory
25	2074/12/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	236	90	58	0.3	2.00	13.4	0.3	Nil	satisfactory
26	2074/12/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.7	64	28	20	0.1	0.02	9.6	0.5	Nil	satisfactory
27	2074/12/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	80	38	34	0.1	0.02	7.68	0.6	Nil	satisfactory
28	2074/12/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	234	90	96	0.3	1.8	5.76	0.5	Nil	satisfactory
29	2074/12/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	83	38	36	0.1	0.02	5.76	0.7	Nil	satisfactory
30	2074/12/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	62	20	14	0.1	0.02	5.76	0.2	Nil	satisfactory
31	2074/12/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	236	88	72	0.7	2.8	15.36	0.7	Nil	satisfactory
32	2074/12/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	87	40	26	0.1	0.02	5.76	0.7	Nil	satisfactory
33	2074/12/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	56	20	16	0.1	0.02	7.68	0.25	Nil	satisfactory
34	2074/12/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	76	34	22	0.1	0.02	5.76	0.7	Nil	satisfactory
35	2074/12/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	55	22	14	0.1	0.02	7.68	0.3	Nil	satisfactory
36	2074/12/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	80	38	24	0.1	0.02	5.76	0.7	Nil	satisfactory
37	2074/12/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	59	32	20	0.1	0.02	7.68	0.3	Nil	satisfactory
38	2074/12/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	82	38	24	0.1	0.02	5.76	0.6	Nil	satisfactory
39	2074/12/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	64	18	20	0.1	0.02	9.6	0.6	Nil	satisfactory
40	2074/12/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	74	34	24	0.1	0.02	5.76	0.7	Nil	satisfactory
41	2074/12/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	77	20	22	0.3	0.02	9.6	0.3	Nil	satisfactory
42	2074/12/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	88	28	24	0.1	0.02	9.6	0.7	Nil	satisfactory
43	2074/12/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	60	20	18	0.3	0.02	7.68	0.5	Nil	satisfactory
44	2074/12/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	68	30	22	0.1	0.02	5.76	0.7	Nil	satisfactory
45	2074/12/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	55	20	14	0.3	0.02	9.6	0.8	Nil	satisfactory
46	2074/12/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	75	34	24	0.1	0.02	5.76	0.6	Nil	satisfactory
47	2074/12/23	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.1	262	112	124	0.1	0.02	7.68	1.0	Nil	satisfactory
48	2074/12/24	Maharajgunj	Bansbari WTP	Treated	Clear/5	5	7.3	65	30	20	0.1	0.02	5.76	0.7	Nil	satisfactory
49	2074/12/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	52	22	24	0.1	0.02	5.76	0.5	Nil	satisfactory
50	2074/12/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	62	26	20	0.1	0.02	5.76	0.7	Nil	satisfactory
51	2074/12/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	52	24	22	0.1	0.02	5.76	0.6	Nil	satisfactory
52	2074/12/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.5	77	34	24	0.1	0.02	5.76	0.7	Nil	satisfactory
53	2074/12/27	Mahanakalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	58	22	16	0.1	0.02	5.76	0.6	Nil	satisfactory
54	2074/12/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	66	30	20	0.1	0.02	5.76	0.7	Nil	satisfactory
55	2074/12/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	48	16	12	0.1	0.02	5.76	0.6	Nil	satisfactory

