

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Falgun 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	0 in 95% Samples	
1	2074/11/02	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.2	39	14	10	0.1	0.02	5.76	0.5	Nil	satisfactory
2	2074/11/02	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.3	62	28	20	0.1	0.02	5.76	0.6	Nil	satisfactory
3	2074/11/02	Madhyapur Thimi	Bode WTP	Treated	clear/<5	<5	6.7	216	92	58	0.2	1.7	9.6	0.4	Nil	satisfactory
4	2074/11/02	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.3	259	112	128	0.1	0.02	7.68	0.4	Nil	satisfactory
5	2074/11/03	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.2	41	16	12	0.1	0.02	5.76	0.5	Nil	satisfactory
6	2074/11/03	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.1	63	28	25	0.1	0.02	5.76	0.5	Nil	satisfactory
7	2074/11/06	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.3	38	14	12	0.1	0.02	5.76	0.5	Nil	satisfactory
8	2074/11/06	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	71	32	26	0.1	0.0	5.76	0.6	Nil	satisfactory
9	2074/11/08	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	6.9	44	16	14	0.1	0.02	5.76	0.5	Nil	satisfactory
10	2074/11/08	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.1	70	32	22	0.1	0.02	5.76	0.7	Nil	satisfactory
11	2074/11/08	Madhyapur Thimi	Bode WTP	Treated	clear/<5	<5	6.6	206	90	56	0.1	1.8	9.6	0.3	Nil	satisfactory
12	2074/11/09	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	6.9	41	16	12	0.1	0.02	5.76	0.5	Nil	satisfactory
13	2074/11/09	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	67	30	26	0.1	0.02	5.76	0.5	Nil	satisfactory
14	2074/11/09	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.3	222	102	112	0.1	0.02	7.68	0.7	Nil	satisfactory
15	2074/11/09	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.2	41	16	14	0.1	0.02	5.76	0.7	Nil	satisfactory
16	2074/11/09	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.3	67	30	25	0.1	0.02	5.76	0.5	Nil	satisfactory
17	2074/11/10	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.2	41	16	14	0.1	0.02	5.76	0.7	Nil	satisfactory
18	2074/11/10	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	6.9	69	32	25	0.1	0.02	5.76	0.4	Nil	satisfactory
19	2074/11/11	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.2	41	16	14	0.1	0.02	5.76	0.5	Nil	satisfactory
20	2074/11/11	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.1	68	32	25	0.1	0.02	5.76	0.5	Nil	satisfactory

21	2074/11/11	Madhyapur Thimi	Bode WTP	Treated	clear/<5	<5	6.9	215	94	62	0.1	1.2	11.52	0.4	Nil	satisfactory
22	2074/11/13	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.6	41	18	12	0.1	0.02	5.76	0.6	Nil	satisfactory
23	2074/11/13	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.3	224	102	112	0.1	0.02	7.68	0.5	Nil	satisfactory
24	2074/11/13	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	6.9	74	34	22	0.1	0.02	5.76	0.7	Nil	satisfactory
25	2074/11/14	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.4	43	18	12	0.1	0.02	5.76	0.5	Nil	satisfactory
26	2074/11/14	Sundarighat	Sundarighat WTP	Treated	clear/<5	<5	7.1	248	110	106	0.1	0.02	7.68	0.4	Nil	satisfactory
27	2074/11/15	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.3	43	18	12	0.1	0.02	5.76	0.5	Nil	satisfactory
28	2074/11/15	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	72	36	24	0.1	0.02	5.76	0.6	Nil	satisfactory
29	2074/11/16	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.4	42	16	12	0.1	0.02	5.76	0.4	Nil	satisfactory
30	2074/11/16	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.2	245	114	122	0.1	0.02	7.68	0.3	Nil	satisfactory
31	2074/11/16	Sundarighat	Sundarighat WTP	Treated	clear/<5	<5	7.3	307	156	128	0.1	0.02	7.68	0.4	Nil	satisfactory
32	2074/11/16	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	73	36	24	0.1	0.02	5.76	0.7	Nil	satisfactory
33	2074/11/18	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.1	45	18	14	0.1	0.02	5.76	0.5	Nil	satisfactory
34	2074/11/18	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	72	34	24	0.1	0.02	5.76	0.6	Nil	satisfactory
35	2074/11/18	Madhyapur Thimi	Bode WTP	Treated	clear/<5	<5	6.8	221	100	68	0.2	1.9	11.52	0.5	Nil	satisfactory
36	2074/11/18	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.3	261	116	122	0.1	0.02	7.68	0.3	Nil	satisfactory
37	2074/11/20	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	6.7	39	16	10	0.1	0.02	5.76	0.5	Nil	satisfactory
38	2074/11/20	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.3	67	30	22	0.1	0.02	5.76	0.6	Nil	satisfactory
39	2074/11/20	Madhyapur Thimi	Bode WTP	Treated	clear/<5	<5	6.9	212	94	62	0.2	1.7	11.52	0.5	Nil	satisfactory
40	2074/11/21	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.1	46	20	16	0.1	0.02	5.76	0.5	Nil	satisfactory
41	2074/11/21	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.2	247	102	114	0.1	0.02	11.52	0.6	Nil	satisfactory
42	2074/11/21	Sundarighat	Sundarighat WTP	Treated	clear/<5	<5	7.3	302	124	134	1.2	0.02	34.56	0.7	Nil	satisfactory
43	2074/11/21	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.3	80	38	24	0.1	0.02	5.76	0.7	Nil	satisfactory
44	2074/11/22	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.6	76	34	22	0.1	0.02	7.68	0.5	Nil	satisfactory
45	2074/11/22	Lalitpur	Bode WTP	Treated	clear/<5	<5	6.7	234	88	65	0.3	1.3	11.52	0.5	Nil	satisfactory
46	2074/11/22	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.4	42	18	12	0.1	0.02	5.76	0.5	Nil	satisfactory
47	2074/11/23	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	75	36	24	0.1	0.0	5.76	0.6	Nil	satisfactory
48	2074/11/23	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	6.7	57	24	22	0.1	0.02	9.6	0.5	Nil	satisfactory
49	2074/11/25	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	6.9	41	18	12	0.1	0.02	7.68	0.5	Nil	satisfactory
50	2074/11/25	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	72	34	22	0.1	0.02	5.76	0.7	Nil	satisfactory
51	2074/11/25	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.4	261	120	128	0.1	0.02	7.68	0.6	Nil	satisfactory
52	2074/11/25	Sundarighat	Sundarighat WTP	Treated	clear/<5	<5	7.4	325	126	142	0.1	0.02	9.6	0.5	Nil	satisfactory
53	2074/11/26	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	74	34	22	0.1	0.02	5.76	0.7	Nil	satisfactory

54	2074/11/27	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	75	34	22	0.1	0.02	5.76	0.6	Nil	satisfactory
55	2074/11/27	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	6.9	41	18	12	0.1	0.02	7.68	0.5	Nil	satisfactory
56	2074/11/27	Madhyapur Thimi	Bode WTP	Treated	clear/<5	<5	6.9	212	94	62	0.2	1.7	11.52	0.5	Nil	satisfactory
57	2074/11/27	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.2	247	102	114	0.1	0.02	11.52	0.6	Nil	satisfactory
58	2074/11/28	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	6.9	41	18	12	0.1	0.02	7.68	0.5	Nil	satisfactory
59	2074/11/28	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	66	32	22	0.1	0.02	5.76	0.7	Nil	satisfactory
60	2074/11/28	Madhyapur Thimi	Bode WTP	Treated	clear/<5	<5	6.6	208	90	56	0.1	1.8	9.6	0.3	Nil	satisfactory
61	2074/11/28	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.3	220	102	112	0.1	0.02	7.68	0.7	Nil	satisfactory
62	2074/11/29	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	7.6	44	18	12	0.1	0.02	5.76	0.6	Nil	satisfactory
63	2074/11/29	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.2	79	38	24	0.1	0.02	5.76	0.6	Nil	satisfactory
64	2074/11/29	Madhyapur Thimi	Bode WTP	Treated	clear/<5	<5	6.8	225	92	68	0.2	1.9	11.52	0.5	Nil	satisfactory
65	2074/11/29	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.2	245	102	114	0.1	0.02	11.52	0.6	Nil	satisfactory
66	2074/11/30	Mahankalchaur	Mahankalchaur WTP	Treated	clear/<5	<5	6.6	42	16	10	0.1	0.02	5.76	0.5	Nil	satisfactory
67	2074/11/30	Maharajgunj	Bansbari WTP	Treated	clear/<5	<5	7.3	77	34	22	0.1	0.02	5.76	0.7	Nil	satisfactory
68	2074/11/30	Madhyapur Thimi	Bode WTP	Treated	clear/<5	<5	6.7	234	88	65	0.3	1.3	11.52	0.5	Nil	satisfactory
69	2074/11/30	Lalitpur	Sainbu WTP	Treated	clear/<5	<5	7.2	258	118	124	0.1	0.02	7.68	0.6	Nil	satisfactory