

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

S.N.	Date	Branch	Location	Sample taken	Turbidity	Colour	p ^H	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	2074/04/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	46	16	10	0.1	0.02	7.68	0.5	Nil	Satisfactory
2	2074/04/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	46	20	16	0.1	0.02	5.76	0.5	Nil	Satisfactory
3	2074/04/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	50	16	14	0.1	0.02	7.68	0.6	Nil	Satisfactory
4	2074/04/02	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.6	250	102	132	0.1	0.02	7.68	0.5	Nil	Satisfactory
5	2074/04/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	49	16	14	0.1	0.02	5.76	0.5	Nil	Satisfactory
6	2074/04/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	220	80	72	0.1	2.00	15.3	0.5	Nil	Satisfactory
7	2074/04/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	41	14	12	0.1	0.02	7.68	0.5	Nil	Satisfactory
8	2074/04/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	220	80	72	0.1	2.00	15.3	0.5	Nil	Satisfactory
9	2074/04/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	33	16	14	0.1	0.02	5.76	0.5	Nil	Satisfactory
10	2074/04/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	58	10	16	0.1	0.02	11.5	0.5	Nil	Satisfactory
11	2074/04/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	47	14	14	0.1	0.02	5.67	0.6	Nil	Satisfactory
12	2074/04/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	35	10	8	0.1	0.02	7.68	0.5	Nil	Satisfactory
13	2074/04/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	32	16	14	0.1	0.02	5.76	0.6	Nil	Satisfactory
14	2074/04/06	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.7	302	116	144	0.1	0.02	9.6	0.5	Nil	Satisfactory
15	2074/04/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	226	90	60	0.3	2.00	11.5	0.5	Nil	Satisfactory
16	2074/04/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	37	18	16	0.1	0.02	5.76	0.6	Nil	Satisfactory
17	2074/04/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	40	10	12	0.1	0.02	7.68	0.5	Nil	Satisfactory
18	2074/04/08	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.6	291	114	132	0.1	0.02	7.68	0.4	Nil	Satisfactory
19	2074/04/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	32	16	14	0.1	0.02	5.76	0.5	Nil	Satisfactory
20	2074/04/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	42	14	16	0.1	0.02	7.68	0.5	Nil	Satisfactory
21	2074/04/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	230	74	58	0.1	2.00	19.2	0.4	Nil	Satisfactory
22	2074/04/09	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.7	261	106	132	0.1	0.02	7.68	0.5	Nil	Satisfactory

23	2074/04/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	41	12	10	0.1	0.02	5.76	0.5	Null	Satisfactory
24	2074/04/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	47	16	14	0.1	0.02	7.68	0.5	Null	Satisfactory
25	2074/04/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	35	16	14	0.1	0.02	5.76	0.5	Null	Satisfactory
26	2074/04/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	50	16	14	0.1	0.02	7.68	0.5	Null	Satisfactory
27	2074/04/11	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.6	256	100	128	0.1	0.02	7.68	0.5	Null	Satisfactory
28	2074/04/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	33	14	14	0.1	0.02	5.76	0.5	Null	Satisfactory
29	2074/04/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	43	14	14	0.1	0.02	7.68	0.5	Null	Satisfactory
30	2074/04/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	34	16	14	0.1	0.02	5.76	0.6	Null	Satisfactory
31	2074/04/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	31	14	11	0.1	0.02	5.76	0.5	Null	Satisfactory
32	2074/04/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.4	38	18	16	0.1	0.02	5.76	0.5	Null	Satisfactory
33	2074/04/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	52	16	14	0.1	0.02	7.68	0.5	Null	Satisfactory
34	2074/04/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	31	14	14	0.1	0.02	5.76	0.4	Null	Satisfactory
35	2074/04/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	33	10	10	0.1	0.02	7.68	0.5	Null	Satisfactory
36	2074/04/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.0	217	80	62	0.1	2.00	19.2	0.5	Null	Satisfactory
37	2074/04/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	32	14	12	0.1	0.02	5.76	0.5	Null	Satisfactory
38	2074/04/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	34	10	16	0.1	0.02	7.68	0.6	Null	Satisfactory
39	2074/04/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	32	14	14	0.1	0.02	5.76	0.5	Null	Satisfactory
40	2074/04/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	48	14	14	0.1	0.02	7.68	0.5	Null	Satisfactory
41	2074/04/18	Lalitpur	sainbu WTP old	Treated	Clear/<5	<5	7.8	312	122	130	0.1	0.02	17.2	0.5	Null	Satisfactory
42	2074/04/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	26	12	12	0.1	0.02	5.76	0.5	Null	Satisfactory
43	2074/04/18	Lalitpur	Sainbu WTP New	Treated	Clear/<5	<5	8.2	323	122	132	0.1	0.02	19.2	0.5	Null	Satisfactory
44	2074/04/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	45	16	14	0.1	0.02	7.68	0.5	Null	Satisfactory
45	2074/04/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.9	40	16	14	0.1	0.02	5.76	0.5	Null	Satisfactory
46	2074/04/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	210	84	62	0.1	2.00	19.2	0.5	Null	Satisfactory
47	2074/04/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	36	12	10	0.1	0.02	7.68	0.5	Null	Satisfactory
48	2074/04/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	35	14	12	0.1	0.02	5.76	0.6	Null	Satisfactory
49	2074/04/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	32	14	14	0.1	0.02	5.76	0.4	Null	Satisfactory
50	2074/04/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	42	16	14	0.1	0.02	7.68	0.5	Null	Satisfactory
51	2074/04/22	Lalitpur	Sainbu WTP New	Treated	Clear/<5	<5	7.7	276	110	122	0.1	0.02	13.4	0.3	Null	Satisfactory
52	2074/04/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	32	14	12	0.1	0.02	5.76	0.6	Null	Satisfactory
53	2074/04/22	Lalitpur	Sainbu WTP old	Treated	Clear/<5	<5	7.8	300	112	132	0.1	0.02	13.4	0.5	Null	Satisfactory
54	2074/04/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	39	16	14	0.1	0.02	7.68	0.5	Null	Satisfactory
55	2074/04/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	253	82	72	0.1	0.02	19.2	0.5	Null	Satisfactory

56	2074/04/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	33	14	12	0.1	0.02	5.76	0.5	Null	Satisfactory
57	2074/04/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	31	14	12	0.1	0.02	5.76	0.5	Null	Satisfactory
58	2074/04/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	33	12	10	0.1	0.02	5.76	0.4	Null	Satisfactory
59	2074/04/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	36	16	14	0.1	0.02	5.76	0.4	Null	Satisfactory
60	2074/04/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	34	14	10	0.1	0.02	5.76	0.5	Null	Satisfactory
61	2074/04/26	Maharajgunj	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	33	14	12	0.1	0.02	5.76	0.5	Null	Satisfactory
62	2074/04/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	27	10	10	0.1	0.02	3.8	0.5	Null	Satisfactory
63	2074/04/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	32	12	10	0.1	0.02	5.76	0.5	Null	Satisfactory
64	2074/04/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	36	16	14	0.1	0.02	5.76	0.5	Null	Satisfactory
65	2074/04/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.7	40	16	14	0.1	0.02	7.68	0.5	Null	Satisfactory
66	2074/04/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	230	74	62	0.2	2.00	9.6	0.5	Null	Satisfactory
67	2074/04/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	35	16	14	0.1	0.02	5.76	0.5	Null	Satisfactory
68	2074/04/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	38	16	16	0.1	0.02	5.76	0.5	Null	Satisfactory
69	2074/04/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	39	14	12	0.1	0.02	7.68	0.6	Null	Satisfactory
70	2074/04/31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	31	14	12	0.1	0.02	5.76	0.4	Null	Satisfactory
71	2074/04/32	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.7	34	12	10	0.1	0.02	5.8	0.4	Null	Satisfactory
72	2074/04/32	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	32	14	12	0.1	0.02	5.76	0.7	Null	Satisfactory