

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Jestha , 2075

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	/100ml	
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	2075/02/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	87	22	16	0.1	0.02	7.68	0.9	Nil	satisfactory
2	2075/02/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	115	40	30	0.2	0.02	5.76	0.6	Nil	satisfactory
3	2075/02/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	60	24	16	0.1	0.02	7.68	0.5	Nil	satisfactory
4	2075/02/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	54	22	14	0.2	0.02	5.76	0.4	Nil	satisfactory
5	2075/02/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	70	32	22	0.1	0.02	5.76	0.7	Nil	satisfactory
6	2075/02/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	56	16	18	0.2	0.02	5.76	0.2	Nil	satisfactory
7	2075/02/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	68	30	22	0.1	0.02	5.76	0.7	Nil	satisfactory
8	2075/02/04	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.4	276	126	134	0.2	0.02	7.68	0.7	Nil	satisfactory
9	2075/02/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	76	34	24	0.1	0.02	5.76	0.6	Nil	satisfactory
10	2075/02/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	80	20	18	0.3	0.02	9.6	0.5	Nil	satisfactory
11	2075/02/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	81	36	24	0.1	0.02	5.76	0.7	Nil	satisfactory
12	2075/02/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	50	18	16	0.2	0.02	5.76	0.9	Nil	satisfactory
13	2075/02/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	87	38	26	0.1	0.02	5.76	0.7	Nil	satisfactory
14	2075/02/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	217	62	56	0.3	0.02	11.5	0.3	Nil	satisfactory
15	2075/02/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	60	20	18	0.1	0.02	5.76	0.5	Nil	satisfactory
16	2075/02/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	76	34	20	0.1	0.02	5.76	0.7	Nil	satisfactory
17	2075/02/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	49	18	14	0.1	0.02	7.68	0.7	Nil	satisfactory
18	2075/02/09	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.2	285	112	122	0.1	0.02	11.5	0.8	Nil	satisfactory
19	2075/02/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	58	20	20	0.1	0.02	5.76	0.3	Nil	satisfactory
20	2075/02/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	260	94	64	0.3	1.2	15	0.4	Nil	satisfactory
21	2075/02/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	72	32	22	0.1	0.02	5.76	0.7	Nil	satisfactory
22	2075/02/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	55	20	14	0.1	0.02	5.76	0.6	Nil	satisfactory
23	2075/02/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	83	34	24	0.1	0.02	7.68	0.6	Nil	satisfactory
24	2075/02/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	46	18	12	0.1	0.02	5.76	0.5	Nil	satisfactory

25	2075/02/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	82	38	26	0.1	0.02	5.76	0.7	Nil	satisfactory
26	2075/02/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	62	22	18	0.2	0.02	9.6	0.7	Nil	satisfactory
27	2075/02/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	86	40	26	0.1	0.02	5.76	0.7	Nil	satisfactory
28	2075/02/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	70	26	18	0.2	0.02	7.68	0.8	Nil	satisfactory
29	2075/02/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	92	42	28	0.1	0.02	5.76	0.6	Nil	satisfactory
30	2075/02/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	49	18	16	0.3	0.02	5.76	0.5	Nil	satisfactory
31	2075/02/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	89	42	28	0.1	0.02	5.76	0.5	Nil	satisfactory
32	2075/02/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	62	18	14	0.1	0.02	7.68	0.8	Nil	satisfactory
33	2075/02/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	94	42	28	0.1	0.02	5.76	0.7	Nil	satisfactory
34	2075/02/16	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.1	290	136	140	0.2	0.02	7.68	0.9	Nil	satisfactory
35	2075/02/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	95	12	16	0.2	0.02	11.52	0.5	Nil	satisfactory
36	2075/02/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	87	40	28	0.1	0.02	5.76	0.7	Nil	satisfactory
37	2075/02/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	57	18	16	0.2	0.02	9.6	0.4	Nil	satisfactory
38	2075/02/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	90	42	28	0.1	0.02	5.76	0.6	Nil	satisfactory
39	2075/02/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	84	36	24	0.1	0.02	5.76	0.7	Nil	satisfactory
40	2075/02/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	67	18	20	0.1	0.02	5.76	0.7	Nil	satisfactory
41	2075/02/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	103	48	34	0.1	0.02	7.68	0.7	Nil	satisfactory
42	2075/02/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	220	66	60	0.1	0.02	9.6	0.2	Nil	satisfactory
43	2075/02/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	60	20	20	0.1	0.02	5.76	0.3	Nil	satisfactory
44	2075/02/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	95	46	38	0.1	0.02	5.76	0.7	Nil	satisfactory
45	2075/02/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	60	20	22	0.1	0.02	5.76	0.6	Nil	satisfactory
46	2075/02/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	251	120	110	0.3	2.24	9.6	0.3	Nil	satisfactory
47	2075/02/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	155	48	32	0.2	0.02	5.76	0.3	Nil	satisfactory
48	2075/02/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/5	5	7.1	82	26	16	0.2	0.02	5.76	0.3	Nil	satisfactory
49	2075/02/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	72	34	24	0.1	0.02	7.68	0.5	Nil	satisfactory
50	2075/02/24	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.2	382	136	138	0.2	0.02	7.68	0.9	Nil	satisfactory
51	2075/02/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	66	32	22	0.1	0.02	5.76	0.7	Nil	satisfactory
52	2075/02/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	106	28	18	0.2	0.02	9.6	0.5	Nil	satisfactory
53	2075/02/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	57	20	12	0.2	0.02	5.76	0.7	Nil	satisfactory
54	2075/02/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	99	34	24	0.2	0.02	7.68	0.8	Nil	satisfactory
55	2075/02/25	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.1	336	124	130	0.0	0.02	9.6	0.9	Nil	satisfactory
56	2075/02/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	61	28	24	0.1	0.02	7.68	0.7	Nil	satisfactory
57	2075/02/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	79.6	14	18	0.1	0.02	5.76	0.9	Nil	satisfactory
58	2075/02/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	62	28	24	0.1	0.02	9.6	0.6	Nil	satisfactory
59	2075/02/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	79.8	14	18	0.3	0.02	11.5	0.7	Nil	satisfactory
60	2075/02/28	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.4	390	118	136	0.2	0.02	13.44	0.9	Nil	satisfactory

61	2075/02/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	251	82	92	0.2	2.32	15.0	0.3	Nil	satisfactory
62	2075/02/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	56	22	18	0.1	0.02	7.68	0.7	Nil	satisfactory
63	2075/02/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	63	14	18	0.2	0.02	5.76	0.7	Nil	satisfactory
64	2075/02/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	54	22	18	0.1	0.02	5.76	0.7	Nil	satisfactory
65	2075/02/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	73	16	14	0.2	0.02	5.76	0.6	Nil	satisfactory
66	2075/02/30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	254	76	54	0.2	2.24	7.68	0.2	Nil	satisfactory
67	2075/02/30	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.2	306	108	130	0.2	0.02	7.68	0.6	Nil	satisfactory
68	2075/02/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	61	24	20	0.1	0.02	5.76	0.8	Nil	satisfactory
69	2075/02/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	58	16	16	0.2	0.02	9.6	0.3	Nil	satisfactory
70	2075/02/31	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	254	82	54	0.4	2.6	19.2	0.5	Nil	satisfactory
71	2075/02/31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	53	22	18	0.1	0.02	5.76	0.7	Nil	satisfactory