

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Mangsir 2076

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 Coliforms	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	2076/08/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.4	40	8	14	0.3	0.02	5.76	0.3	0	Satisfactory
2	2076/08/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	288	112	54	0.3	1.6	21.12	0.1	0	Satisfactory
3	2076/08/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	47	14	16	0.1	0.02	5.76	0.5	0	Satisfactory
4	2076/08/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	319	104	124	0.1	0.02	7.68	0.6	0	Satisfactory
5	2076/08/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	49	10	16	0.2	0.02	5.76	0.2	0	Satisfactory
6	2076/08/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	276	110	80	0.3	1.7	11.52	0.6	0	Satisfactory
7	2076/08/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	49	14	16	0.1	0.02	5.76	0.6	0	Satisfactory
8	2076/08/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	315	106	126	0.1	0.02	7.68	0.2	0	Satisfactory
9	2076/08/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	39	10	14	0.2	0.02	5.76	0.4	0	Satisfactory
10	2076/08/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	265	90	58	0.3	1.7	15.36	0.4	0	Satisfactory
11	2076/08/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	37	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
12	2076/08/03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	301	102	122	0.1	0.02	7.68	0.2	0	Satisfactory
13	2076/08/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.7	34	10	12	0.3	0.02	3.84	0.3	0	Satisfactory
14	2076/08/04	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	256	90	60	0.3	1.7	13.44	0.2	0	Satisfactory
15	2076/08/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	47	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
16	2076/08/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	43	12	14	0.2	0.02	5.76	0.1	0	Satisfactory
17	2076/08/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	41	16	10	0.1	0.02	3.84	0.5	0	Satisfactory
18	2076/08/05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	284	100	120	0.1	0.02	7.68	0.2	0	Satisfactory
19	2076/08/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	39	10	12	0.2	0.02	5.76	0.2	0	Satisfactory
20	2076/08/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	236	80	38	0.3	1.7	9.6	0.1	0	Satisfactory
21	2076/08/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	44	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
22	2076/08/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	314	104	122	0.1	0.02	7.68	0.3	0	Satisfactory
23	2076/08/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	42	16	12	0.1	0.02	3.84	0.5	0	Satisfactory
24	2076/08/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.9	53	14	12	0.3	0.02	5.76	0.3	0	Satisfactory
25	2076/08/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	240	90	50	0.3	1.8	11.52	0.2	0	Satisfactory
26	2076/08/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	45	16	12	0.1	0.02	5.76	0.5	0	Satisfactory
27	2076/08/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	298	102	120	0.1	0.02	7.68	0.3	0	Satisfactory
28	2076/08/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.3	89	20	34	0.3	0.02	9.6	0.2	0	Satisfactory
29	2076/08/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	250	88	58	0.3	1.8	19.2	0.7	0	Satisfactory
30	2076/08/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	42	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
32	2076/08/09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	290	96	110	0.1	0.02	5.76	0.2	0	Satisfactory
33	2076/08/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.1	54	12	16	0.3	0.02	5.76	0.4	0	Satisfactory
34	2076/08/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	260	100	56	0.3	1.8	13.44	0.4	0	Satisfactory
35	2076/08/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	42	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
36	2076/08/10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	290	94	110	0.1	0.02	7.68	0.5	0	Satisfactory
37	2076/08/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.3	44	14	12	0.3	0.02	5.76	0.5	0	Satisfactory
38	2076/08/11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	264	100	52	0.3	1.7	13.44	0.6	0	Satisfactory
39	2076/08/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	43	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
40	2076/08/11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	292	92	106	0.1	0.02	7.68	0.5	0	Satisfactory
41	2076/08/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.4	36	10	10	0.2	0.02	7.68	0.6	0	Satisfactory
42	2076/08/12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	272	100	46	0.3	1.8	11.52	0.3	0	Satisfactory
43	2076/08/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	42	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
44	2076/08/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	294	94	118	0.1	0.02	7.68	0.5	0	Satisfactory
45	2076/08/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.3	40	10	14	0.2	0.02	5.76	0.4	0	Satisfactory
46	2076/08/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	260	98	52	0.3	1.8	13.44	0.3	0	Satisfactory
47	2076/08/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	44	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
48	2076/08/13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	293	94	118	0.1	0.02	7.68	0.3	0	Satisfactory
49	2076/08/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	45	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
50	2076/08/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	67	18	16	0.3	0.02	5.76	0.5	0	Satisfactory
51	2076/08/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.2	287	134	60	0.3	1.7	7.68	0.2	0	Satisfactory
52	2076/08/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	46	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
53	2076/08/15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	302	100	120	0.1	0.02	7.68	0.2	0	Satisfactory
54	2076/08/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.7	38	12	10	0.2	0.02	5.76	0.5	0	Satisfactory
55	2076/08/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.3	257	100	48	0.3	1.8	11.52	0.5	0	Satisfactory
56	2076/08/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	42	16	12	0.1	0.02	3.84	0.5	0	Satisfactory
57	2076/08/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	298	102	120	0.1	0.02	7.68	0.4	0	Satisfactory
58	2076/08/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.7	40	12	10	0.2	0.02	5.76	0.4	0	Satisfactory
59	2076/08/17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.0	267	110	48	0.3	1.7	11.52	0.8	0	Satisfactory
60	2076/08/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	40	14	12	0.1	0.02	3.84	0.5	0	Satisfactory
61	2076/08/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	313	106	130	0.1	0.02	7.68	0.8	0	Satisfactory
62	2076/08/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	40	12	10	0.2	0.02	5.76	0.2	0	Satisfactory
63	2076/08/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	280	114	58	0.3	1.6	15.44	0.6	0	Satisfactory
64	2076/08/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	46	16	12	0.1	0.02	5.76	0.5	0	Satisfactory
65	2076/08/18	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	290	94	110	0.1	0.02	7.68	0.7	0	Satisfactory
66	2076/08/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.8	43	10	12	0.3	0.02	5.76	0.3	0	Satisfactory
67	2076/08/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	302	104	54	0.3	1.6	21.12	0.4	0	Satisfactory
68	2076/08/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	50	18	12	0.1	0.02	5.76	0.5	0	Satisfactory
69	2076/08/19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	315	108	128	0.1	0.02	7.68	0.8	0	Satisfactory
70	2076/08/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	52	10	16	0.2	0.02	5.76	0.5	0	Satisfactory
71	2076/08/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	281	122	60	0.3	1.6	10.52	0.3	0	Satisfactory
72	2076/08/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	53	18	12	0.1	0.02	5.76	0.6	0	Satisfactory
73	2076/08/20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	281	92	114	0.1	0.02	7.68	0.6	0	Satisfactory
74	2076/08/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	50	18	12	0.1	0.02	5.76	0.5	0	Satisfactory
75	2076/08/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.1	45	10	14	0.3	0.02	5.76	0.2	0	Satisfactory
76	2076/08/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.0	289	124	58	0.3	1.6	17.28	0.3	0	Satisfactory
77	2076/08/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	48	16	12	0.1	0.02	5.76	0.5	0	Satisfactory
78	2076/08/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	50	16	12	0.1	0.02	5.76	0.4	0	Satisfactory
79	2076/08/22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	290	94	116	0.1	0.02	7.68	0.5	0	Satisfactory
80	2076/08/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	46	12	10	0.2	0.02	5.76	0.3	0	Satisfactory
81	2076/08/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	280	130	58	0.3	1.7	9.6	0.3	0	Satisfactory
82	2076/08/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	57								