

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Bhadra 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	
					(NTU)	(TCU)		µs/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	/100ml		
Units					→												
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	2076/05/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	56	22	22	0.1	0.02	5.76	0.6	0	Satisfactory	
2	2076/05/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	242	104	46	0.3	1.8	15.36	0.5	0	Satisfactory	
3	2076/05/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	390	120	150	0.1	0.02	7.68	0.7	0	Satisfactory	
4	2076/05/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	45	14	10	0.1	0.02	3.84	0.6	0	Satisfactory	
5	2076/05/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	51	20	22	0.2	0.02	7.68	0.4	0	Satisfactory	
6	2076/05/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	391	120	150	0.1	0.02	7.68	0.6	0	Satisfactory	
7	2076/05/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	52	16	12	0.1	0.02	5.76	0.6	0	Satisfactory	
8	2076/05/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	44	18	14	0.2	0.02	7.68	0.2	0	Satisfactory	
9	2076/05/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	275	112	82	0.3	1.6	15.36	0.1	0	Satisfactory	
10	2076/05/03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	350	118	134	0.1	0.02	7.68	0.5	0	Satisfactory	
11	2076/05/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	10	0.1	0.02	5.76	0.6	0	Satisfactory	
12	2076/05/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.9	54	20	18	0.1	0.02	7.68	0.3	0	Satisfactory	
13	2076/05/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	372	118	144	0.1	0.02	7.68	0.5	0	Satisfactory	
14	2076/05/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	47	16	10	0.1	0.02	5.76	0.6	0	Satisfactory	
15	2076/05/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	40	12	10	0.2	0.02	7.68	0.3	0	Satisfactory	
16	2076/05/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	276	116	60	0.3	1.6	15.36	0.7	0	Satisfactory	
17	2076/05/05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	398	122	150	0.1	0.02	7.68	0.6	0	Satisfactory	
18	2076/05/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	48	18	10	0.1	0.02	5.76	0.6	0	Satisfactory	
19	2076/05/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	38	14	12	0.3	0.02	5.76	0.4	0	Satisfactory	
20	2076/05/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	378	120	144	0.1	0.02	7.68	0.5	0	Satisfactory	
21	2076/05/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	42	16	10	0.1	0.02	5.76	0.5	0	Satisfactory	
22	2076/05/07	Maharajgunj	Bansbari WTP	Treated	Clear/10	<5	7.1	39	16	10	0.2	0.02	5.76	0.5	0	Satisfactory	
23	2076/05/07	Maharajgunj	Bansbari WTP	Treated	Clear/10	<5	7.1	46	18	10	0.1	0.02	5.76	0.6	0	Satisfactory	
24	2076/05/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	56	20	22	0.2	0.02	7.68	0.6	0	Satisfactory	
25	2076/05/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	290	104	58	0.3	1.6	13.44	0.4	0	Satisfactory	
26	2076/05/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.4	389	120	146	0.1	0.02	7.68	0.6	0	Satisfactory	

27	2076/05/08	Maharajgunj	Bansbari WTP	Treated	Clear/7	<5	7.1	48	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
28	2076/05/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	56	22	20	0.3	0.02	7.68	0.3	0	Satisfactory
29	2076/05/09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	341	110	138	0.1	0.02	7.68	0.9	0	Satisfactory
30	2076/05/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
31	2076/05/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	37	8	12	0.1	0.02	7.68	0.3	0	Satisfactory
32	2076/05/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	280	110	70	0.3	1.6	21.12	0.4	0	Satisfactory
33	2076/05/10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	350	108	130	0.1	0.02	7.68	0.6	0	Satisfactory
34	2076/05/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.0	36	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
35	2076/05/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.8	43	18	12	0.2	0.02	5.76	0.2	0	Satisfactory
36	2076/05/11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.8	340	106	128	0.1	0.02	7.68	0.4	0	Satisfactory
37	2076/05/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	46	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
38	2076/05/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	6.8	44	20	14	0.2	0.02	7.68	0.4	0	Satisfactory
39	2076/05/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.8	346	108	130	0.1	0.02	7.68	0.5	0	Satisfactory
40	2076/05/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	50	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
41	2076/05/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.2	37	16	10	0.2	0.02	5.76	0.4	0	Satisfactory
42	2076/05/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	280	112	70	0.3	1.6	17.28	0.2	0	Satisfactory
43	2076/05/13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	258	108	124	0.1	0.02	7.68	0.7	0	Satisfactory
44	2076/05/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	51	18	12	0.1	0.02	5.76	0.6	0	Satisfactory
45	2076/05/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	47	18	12	0.1	0.02	5.76	0.6	0	Satisfactory
46	2076/05/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/8	<5	7.4	54	20	16	0.3	0.02	5.76	0.6	0	Satisfactory
47	2076/05/15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	265	102	128	0.1	0.02	7.68	0.5	0	Satisfactory
48	2076/05/15	Maharajgunj	Bansbari WTP	Treated	Clear/10	<5	6.9	39	14	12	0.1	0.02	3.84	0.6	0	Satisfactory
49	2076/05/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.9	44	14	12	0.3	0.02	5.76	0.2	0	Satisfactory
50	2076/05/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	326	100	60	0.3	1.9	11.52	0.1	0	Satisfactory
51	2076/05/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	262	110	126	0.1	0.02	7.68	0.7	0	Satisfactory
52	2076/05/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	40	14	12	0.1	0.02	3.84	0.6	0	Satisfactory
53	2076/05/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.8	35	10	14	0.3	0.02	5.76	0.3	0	Satisfactory
54	2076/05/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	270	108	132	0.1	0.02	7.68	0.6	0	Satisfactory
55	2076/05/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	42	14	12	0.1	0.02	3.84	0.6	0	Satisfactory
56	2076/05/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	45	16	12	0.1	0.02	3.84	0.6	0	Satisfactory
57	2076/05/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	34	14	12	0.2	0.02	5.76	0.3	0	Satisfactory
58	2076/05/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.0	355	96	68	0.3	1.9	15.36	0.1	0	Satisfactory
59	2076/05/18	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	253	106	118	0.1	0.02	7.68	0.6	0	Satisfactory
60	2076/05/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	10	0.1	0.02	3.84	0.6	0	Satisfactory
61	2076/05/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.0	37	14	12	0.2	0.02	7.68	0.3	0	Satisfactory
62	2076/05/19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	256	104	122	0.1	0.02	7.68	0.5	0	Satisfactory
63	2076/05/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	46	16	12	0.1	0.02	5.76	0.6	0	Satisfactory

64	2076/05/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.6	39	10	8	0.3	0.02	7.68	0.2	0	Satisfactory
65	2076/05/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	289	120	96	0.3	1.9	20	0.1	0	Satisfactory
66	2076/05/20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	260	102	126	0.1	0.02	7.68	0.7	0	Satisfactory
67	2076/05/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	10	0.1	0.02	3.84	0.6	0	Satisfactory
68	2076/05/21	Maharajgunj	Bansbari WTP	Treated	Clear/8	<5	7.1	44	14	10	0.1	0.02	3.84	0.6	0	Satisfactory
69	2076/05/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.6	37	12	14	0.2	0.02	7.68	0.4	0	Satisfactory
70	2076/05/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	282	110	70	0.3	1.8	15.36	0.4	0	Satisfactory
71	2076/05/22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	258	110	124	0.1	0.02	7.68	0.5	0	Satisfactory
72	2076/05/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	42	14	10	0.1	0.02	3.84	0.6	0	Satisfactory
73	2076/05/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.7	32	14	10	0.3	0.02	5.76	0.4	0	Satisfactory
74	2076/05/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	305	118	80	0.3	1.9	17.28	0.1	0	Satisfactory
75	2076/05/23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	263	108	126	0.1	0.02	7.68	0.4	0	Satisfactory
76	2076/05/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	47	14	12	0.1	0.02	5.76	0.7	0	Satisfactory
77	2076/05/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	44	14	10	0.1	0.02	5.76	0.7	0	Satisfactory
78	2076/05/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	30	10	12	0.1	0.02	3.84	0.4	0	Satisfactory
79	2076/05/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	270	110	58	0.3	1.9	15.36	0.5	0	Satisfactory
80	2076/05/24	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	260	108	126	0.1	0.02	7.68	0.4	0	Satisfactory
81	2076/05/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	42	14	10	0.1	0.02	5.76	0.7	0	Satisfactory
82	2076/05/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	38	10	12	0.1	0.02	5.76	0.5	0	Satisfactory
83	2076/05/25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	280	110	56	0.3	2.0	9.6	0.6	0	Satisfactory
84	2076/05/25	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	260	112	126	0.1	0.02	7.68	0.5	0	Satisfactory
85	2076/05/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	41	14	10	0.1	0.02	3.84	0.6	0	Satisfactory
86	2076/05/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	38	14	10	0.1	0.02	3.84	0.6	0	Satisfactory
87	2076/05/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	27	10	8	0.1	0.02	5.76	0.2	0	Satisfactory
88	2076/05/26	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	356	98	64	0.3	2.0	11.52	0.1	0	Satisfactory
89	2076/05/26	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	270	106	120	0.2	0.02	6	0.6	0	Satisfactory
90	2076/05/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	37	14	10	0.1	0.02	3.84	0.6	0	Satisfactory
91	2076/05/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	42	14	12	0.1	0.02	3.84	0.6	0	Satisfactory
92	2076/05/27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	371	106	86	0.3	1.9	9.6	0.2	0	Satisfactory
93	2076/05/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
94	2076/05/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	43	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
95	2076/05/28	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	260	110	128	0.1	0.02	7.68	0.4	0	Satisfactory
96	2076/05/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	42	14	12	0.1	0.02	3.84	0.6	0	Satisfactory
97	2076/05/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	44	14	12	0.1	0.02	3.84	0.6	0	Satisfactory
98	2076/05/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	33	12	10	0.2	0.02	5.76	0.3	0	Satisfactory
99	2076/05/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	330	102	70	0.3	1.9	15.36	0.1	0	Satisfactory
100	2076/05/29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	265	102	126	0.1	0.02	7.68	0.5	0	Satisfactory

101	2076/05/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	43	16	10	0.1	0.02	5.76	0.6	0	Satisfactory
102	2076/05/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	36	14	12	0.2	0.02	5.76	0.2	0	Satisfactory
103	2076/05/30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	340	118	76	0.3	2.0	13.44	0.2	0	Satisfactory
104	2076/05/30	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	262	108	118	0.2	0.02	5.76	0.5	0	Satisfactory
105	2076/05/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	42	14	10	0.1	0.02	5.76	0.6	0	Satisfactory
106	2076/05/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	44	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
107	2076/05/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.7	39	14	10	0.1	0.02	3.84	0.5	0	Satisfactory
108	2076/05/31	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.0	374	106	92	0.3	1.3	40.32	0.3	0	Satisfactory
109	2076/05/31	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	271	104	120	0.1	0.02	7.68	0.6	0	Satisfactory
110	2076/05/31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	45	16	10	0.1	0.02	5.76	0.6	0	Satisfactory
111	2076/05/31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	41	14	10	0.1	0.02	5.76	0.5	0	Satisfactory