

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Ashad 2077

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	2077/03/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	78	28	22	0.1	0.02	5.76	0.6	0	Satisfactory	
2	2077/03/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	304	88	64	0.3	1.5	11.36	0.2	0	Satisfactory	
3	2077/03/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	58	18	14	0.1	0.02	5.76	0.8	0	Satisfactory	
4	2077/03/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	65	24	18	0.1	0.02	5.76	0.6	0	Satisfactory	
5	2077/03/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	270	104	120	0.1	0.02	7.68	0.7	0	Satisfactory	
6	2077/03/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	302	86	62	0.3	1.5	11.36	0.6	0	Satisfactory	
7	2077/03/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	65	20	14	0.2	0.02	5.76	0.8	0	Satisfactory	
8	2077/03/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	78	24	24	0.1	0.02	7.68	0.6	0	Satisfactory	
9	2077/03/03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	300	108	126	0.1	0.02	7.68	0.65	0	Satisfactory	
10	2077/03/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	57	18	16	0.1	0.02	5.76	0.4	0	Satisfactory	
11	2077/03/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	68	22	20	0.1	0.02	7.68	0.5	0	Satisfactory	
12	2077/03/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	353	116	124	0.1	0.02	7.68	0.5	0	Satisfactory	
13	2077/03/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	78	18	14	0.1	0.02	5.76	0.8	0	Satisfactory	
14	2077/03/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	55	20	18	0.1	0.02	5.76	0.5	0	Satisfactory	
15	2077/03/05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	345	112	120	0.1	0.02	7.68	0.4	0	Satisfactory	
16	2077/03/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	310	90	62	0.3	1.5	11.36	0.3	0	Satisfactory	
17	2077/03/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	65	20	16	0.1	0.02	7.68	0.5	0	Satisfactory	
18	2077/03/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	66	24	20	0.1	0.02	5.76	0.5	0	Satisfactory	
19	2077/03/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	52	20	18	0.1	0.02	7.68	0.6	0	Satisfactory	
20	2077/03/07	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	367	110	126	0.1	0.02	9.6	0.7	0	Satisfactory	
21	2077/03/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	295	84	64	0.3	1.8	8.52	0.1	0	Satisfactory	
22	2077/03/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	52	18	14	0.1	0.02	5.76	0.8	0	Satisfactory	
23	2077/03/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	66	24	20	0.1	0.02	5.76	0.6	0	Satisfactory	
24	2077/03/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	402	114	150	0.1	0.02	19.2	0.6	0	Satisfactory	
25	2077/03/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	294	84	66	0.3	1.8	8.52	0.5	0	Satisfactory	
26	2077/03/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	52	18	14	0.1	0.02	5.76	0.6	0	Satisfactory	
27	2077/03/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	68	24	20	0.1	0.02	5.76	0.6	0	Satisfactory	
28	2077/03/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	293	84	68	0.3	1.8	8.52	0.8	0	Satisfactory	
29	2077/03/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	60	18	14	0.1	0.02	5.76	0.5	0	Satisfactory	
30	2077/03/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	65	24	20	0.1	0.02	5.76	0.6	0	Satisfactory	
31	2077/03/10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	360	104	124	0.1	0.02	9.6	0.6	0	Satisfactory	
32	2077/03/10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	305	90	62	0.3	1.8	8.52	0.6	0	Satisfactory	
33	2077/03/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	59	20	16	0.1	0.02	7.68	0.3	0	Satisfactory	

34	2077/03/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	62	22	18	0.1	0.02	3.84	0.6	0	Satisfactory
35	2077/03/11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	365	108	124	0.1	0.02	9.6	0.8	0	Satisfactory
36	2077/03/11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	291	84	64	0.3	1.8	8.52	0.5	0	Satisfactory
37	2077/03/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	68	20	18	0.1	0.02	7.68	0.4	0	Satisfactory
38	2077/03/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	52	18	16	0.1	0.02	5.76	0.6	0	Satisfactory
39	2077/03/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	324	98	118	0.1	0.02	7.68	0.6	0	Satisfactory
40	2077/03/12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	307	88	66	0.30	1.5	8.52	0.5	0	Satisfactory
41	2077/03/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	70	20	18	0.1	0.02	5.76	0.2	0	Satisfactory
42	2077/03/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	57	20	16	0.1	0.02	5.76	0.6	0	Satisfactory
43	2077/03/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	70	26	20	0.1	0.02	5.76	0.7	0	Satisfactory
44	2077/03/14	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	399	120	134	0.1	0.02	11.5	0.5	0	Satisfactory
45	2077/03/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	309	98	68	0.3	1.5	8.52	0.1	0	Satisfactory
46	2077/03/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.8	82	22	20	0.3	0.02	7.68	0.6	0	Satisfactory
47	2077/03/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	63	24	20	0.1	0.02	5.76	0.6	0	Satisfactory
48	2077/03/15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.9	400	120	136	0.1	0.02	11.5	0.7	0	Satisfactory
49	2077/03/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	305	86	62	0.3	1.5	8.52	0.5	0	Satisfactory
50	2077/03/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	69	20	18	0.1	0.02	7.68	0.2	0	Satisfactory
51	2077/03/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	53	20	16	0.1	0.02	3.84	0.6	0	Satisfactory
52	2077/03/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	409	120	138	0.1	0.02	11.5	0.8	0	Satisfactory
53	2077/03/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	297	82	64	0.3	1.5	4.26	0.8	0	Satisfactory
54	2077/03/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.1	66	20	14	0.2	0.02	5.76	0.7	0	Satisfactory
55	2077/03/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	63	24	18	0.1	0.02	5.76	0.6	0	Satisfactory
56	2077/03/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	396	116	126	0.1	0.02	15.3	0.8	0	Satisfactory
57	2077/03/17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	297	84	62	0.3	1.5	4.26	0.6	0	Satisfactory
58	2077/03/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	63	20	16	0.1	0.02	9.6	0.8	0	Satisfactory
59	2077/03/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	60	24	20	0.1	0.02	5.76	0.6	0	Satisfactory
60	2077/03/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	307	92	68	0.3	1.8	4.26	0.8	0	Satisfactory
61	2077/03/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	64	20	16	0.1	0.02	7.68	0.8	0	Satisfactory
62	2077/03/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	46	18	14	0.1	0.02	3.84	0.6	0	Satisfactory
63	2077/03/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	309	92	66	0.3	1.5	11.36	0.4	0	Satisfactory
64	2077/03/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	62	20	16	0.1	0.02	5.76	0.8	0	Satisfactory
65	2077/03/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	51	20	16	0.1	0.02	5.76	0.6	0	Satisfactory
66	2077/03/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	57	20	18	0.1	0.02	5.76	0.6	0	Satisfactory
67	2077/03/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	297	84	66	0.3	1.8	8.52	0.1	0	Satisfactory
68	2077/03/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	53	18	14	0.1	0.02	5.76	0.6	0	Satisfactory
69	2077/03/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	63	24	18	0.1	0.02	5.76	0.6	0	Satisfactory
70	2077/03/22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.2	405	120	136	0.1	0.02	13.4	0.5	0	Satisfactory
71	2077/03/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	295	82	64	0.3	1.8	8.52	0.5	0	Satisfactory
72	2077/03/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	47	16	12	0.1	0.02	5.76	0.4	0	Satisfactory
73	2077/03/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	45	16	12	0.1	0.02	7.68	0.6	0	Satisfactory
74	2077/03/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	301	86	64	0.3	1.8	8.52	0.8	0	Satisfactory
75	2077/03/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	62	18	16	0.2	0.02	5.76	0.8	0	Satisfactory
76	2077/03/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	44	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
77	2077/03/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	303	86	62	0.3	1.9	8.52	0.2	0	Satisfactory

78	2077/03/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	61	18	16	0.1	0.02	7.68	0.4	0	Satisfactory
79	2077/03/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	46	16	12	0.1	0.02	5.76	0.7	0	Satisfactory
80	2077/03/25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	262	76	56	0.3	1.9	7.1	0.6	0	Satisfactory
81	2077/03/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	65	18	16	0.1	0.02	7.68	0.6	0	Satisfactory
82	2077/03/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	44	16	12	0.1	0.02	5.76	0.7	0	Satisfactory
83	2077/03/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	54	16	12	0.1	0.02	5.76	0.1	0	Satisfactory
84	2077/03/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	43	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
85	2077/03/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	48	16	14	0.1	0.02	5.76	0.7	0	Satisfactory
86	2077/03/28	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	356	102	120	0.1	0.02	5.76	0.5	0	Satisfactory
87	2077/03/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.7	66	20	18	0.3	0.02	7.68	0.8	0	Satisfactory
88	2077/03/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	42	16	14	0.1	0.02	5.76	0.7	0	Satisfactory
89	2077/03/29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	360	102	122	0.1	0.02	5.76	0.8	0	Satisfactory
90	2077/03/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	254	76	54	0.3	1.9	7.1	0.4	0	Satisfactory
91	2077/03/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	50	16	14	0.1	0.02	7.68	0.8	0	Satisfactory
92	2077/03/30	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.4	405	106	124	0.1	0.02	11.5	0.8	0	Satisfactory
93	2077/03/30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	273	78	60	0.3	1.8	5.52	0.1	0	Satisfactory
94	2077/03/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	57	12	14	0.1	0.02	5.76	0.2	0	Satisfactory
95	2077/03/31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	53	16	14	0.1	0.02	7.68	0.7	0	Satisfactory
96	2077/03/31	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	391	100	118	0.1	0.02	9.6	0.5	0	Satisfactory
97	2077/03/31	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	289	80	62	0.3	1.8	11.36	0.8	0	Satisfactory
98	2077/03/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.8	59	12	14	0.3	0.02	5.76	0.5	0	Satisfactory