

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Shrawan 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)					→	→									0 in 95% Samples	
1	2077/04/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	43	14	12	0.1	0.02	7.68	0.6	0	Satisfactory
2	2077/04/01	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	61	20	18	0.1	0.02	5.76	0.1	0	Satisfactory
3	2077/04/01	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	282	68	58	0.3	2	7.1	0.1	0	Satisfactory
4	2077/04/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	389	100	118	0.1	0.02	7.68	0.4	0	Satisfactory
5	2077/04/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
6	2077/04/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	55	20	16	0.1	0.02	5.76	0.6	0	Satisfactory
7	2077/04/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	269	64	52	0.3	2	7.1	0.8	0	Satisfactory
8	2077/04/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	37	12	12	0.1	0.02	5.76	0.6	0	Satisfactory
9	2077/04/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	395	100	120	0.1	0.02	7.68	0.6	0	Satisfactory
10	2077/04/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	44	12	14	0.1	0.02	5.76	0.6	0	Satisfactory
11	2077/04/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	52	20	18	0.1	0.02	5.76	0.4	0	Satisfactory
12	2077/04/04	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	296	62	52	0.3	2	7.1	0.1	0	Satisfactory
13	2077/04/05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	404	102	124	0.1	0.02	7.68	0.5	0	Satisfactory
14	2077/04/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	47	16	14	0.1	0.02	5.76	0.6	0	Satisfactory
15	2077/04/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	66	22	16	0.1	0.02	5.76	0.5	0	Satisfactory
16	2077/04/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	351	94	118	0.1	0.02	7.68	0.5	0	Satisfactory
17	2077/04/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	52	16	14	0.1	0.02	7.68	0.7	0	Satisfactory
18	2077/04/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	54	20	16	0.1	0.02	5.76	0.7	0	Satisfactory
19	2077/04/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	329	60	52	0.3	2	7.1	0.8	0	Satisfactory
20	2077/04/07	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	390	100	120	0.1	0.02	7.68	0.6	0	Satisfactory
21	2077/04/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	45	14	12	0.1	0.02	5.76	0.7	0	Satisfactory
22	2077/04/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	51	20	16	0.1	0.02	3.84	0.8	0	Satisfactory
23	2077/04/07	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	376	64	72	0.3	1.5	7.1	0.1	0	Satisfactory
24	2077/04/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	38	12	10	0.1	0.02	5.76	0.7	0	Satisfactory
25	2077/04/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	37	10	8	0.1	0.02	5.76	0.6	0	Satisfactory
26	2077/04/08	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	362	60	78	0.3	1.5	18.46	0.3	0	Satisfactory
27	2077/04/09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	370	98	120	0.1	0.02	5.76	0.7	0	Satisfactory
28	2077/04/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	37	12	10	0.1	0.02	5.76	0.6	0	Satisfactory
29	2077/04/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	74	8	16	0.1	0.02	5.76	0.6	0	Satisfactory
30	2077/04/09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	352	66	52	0.3	1.5	9.94	0.1	0	Satisfactory
31	2077/04/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	41	12	14	0.1	0.02	5.76	0.6	0	Satisfactory
32	2077/04/11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	367	96	118	0.1	0.02	7.68	0.5	0	Satisfactory
33	2077/04/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	37	10	12	0.1	0.02	5.76	0.6	0	Satisfactory

34	2077/04/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	78	34	10	0.1	0.02	13.44	0.8	0	Satisfactory
35	2077/04/11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	339	66	50	0.3	1.5	14.2	0.6	0	Satisfactory
36	2077/04/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	346	92	116	0.1	0.02	5.76	0.8	0	Satisfactory
37	2077/04/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	37	12	12	0.1	0.02	5.76	0.7	0	Satisfactory
38	2077/04/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	51	12	14	0.1	0.02	5.76	0.5	0	Satisfactory
39	2077/04/12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	390	72	58	0.3	1.5	14.2	0.2	0	Satisfactory
40	2077/04/13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.3	337	88	108	0.1	0.02	5.76	0.4	0	Satisfactory
41	2077/04/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	36	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
42	2077/04/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	61	16	14	0.1	0.02	5.76	0.8	0	Satisfactory
43	2077/04/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	402	76	60	0.3	1.5	17.04	0.7	0	Satisfactory
44	2077/04/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	38	12	12	0.1	0.02	5.76	0.6	0	Satisfactory
45	2077/04/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.4	59	16	14	0.1	0.02	5.76	0.8	0	Satisfactory
46	2077/04/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	348	68	50	0.3	1.6	14.2	0.1	0	Satisfactory
47	2077/04/15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	350	92	116	0.1	0.02	5.76	0.5	0	Satisfactory
48	2077/04/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	42	14	12	0.1	0.02	5.76	0.8	0	Satisfactory
49	2077/04/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	64	16	12	0.1	0.02	5.76	0.8	0	Satisfactory
50	2077/04/15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	389	56	54	0.3	1.6	18.46	0.8	0	Satisfactory
51	2077/04/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.3	334	88	110	0.2	0.02	5.76	0.6	0	Satisfactory
52	2077/04/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	36	12	12	0.1	0.02	5.76	0.8	0	Satisfactory
53	2077/04/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.6	61	16	14	0.1	0.02	5.76	0.8	0	Satisfactory
54	2077/04/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	328	52	50	0.3	1.6	14.2	0.5	0	Satisfactory
55	2077/04/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	44	12	14	0.1	0.02	5.76	0.8	0	Satisfactory
56	2077/04/18	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	331	92	114	0.1	0.02	5.76	0.5	0	Satisfactory
57	2077/04/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	44	12	14	0.1	0.02	5.76	0.8	0	Satisfactory
58	2077/04/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	59	16	14	0.1	0.02	5.76	0.8	0	Satisfactory
59	2077/04/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	352	58	50	0.3	1.6	9.94	0.1	0	Satisfactory
60	2077/04/19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.5	341	94	116	0.1	0.02	5.76	0.8	0	Satisfactory
61	2077/04/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.5	52	12	14	0.1	0.02	5.76	0.8	0	Satisfactory
62	2077/04/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	55	12	14	0.1	0.02	5.76	0.1	0	Satisfactory
63	2077/04/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	345	56	48	0.3	1.6	14.2	0.2	0	Satisfactory
64	2077/04/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.5	34	10	12	0.1	0.02	5.76	0.7	0	Satisfactory
65	2077/04/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.6	32	10	10	0.1	0.02	5.76	0.8	0	Satisfactory
66	2077/04/21	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	329	92	114	0.1	0.02	5.76	0.6	0	Satisfactory
67	2077/04/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.6	235	10	12	0.1	0.02	5.76	0.7	0	Satisfactory
68	2077/04/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.1	42	12	10	0.1	0.02	5.76	0.6	0	Satisfactory
69	2077/04/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	337	54	46	0.3	1.6	21.3	0.8	0	Satisfactory
70	2077/04/22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	347	96	118	0.1	0.02	5.76	0.7	0	Satisfactory
71	2077/04/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	35	10	12	0.1	0.02	7.68	0.7	0	Satisfactory
72	2077/04/22	Mahankalchaur	Mahankalchaur WTP	Treated	clear/6	<5	6.9	58	14	16	0.1	0.02	5.76	0.2	0	Satisfactory
73	2077/04/22	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	289	58	52	0.3	1.6	17.04	0.7	0	Satisfactory
74	2077/04/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	32	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
75	2077/04/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	7.1	47	14	12	0.2	0.02	5.76	0.1	0	Satisfactory
76	2077/04/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	308	58	60	0.3	1.4	13.44	0.8	0	Satisfactory
77	2077/04/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	29	10	10	0.1	0.02	3.84	0.7	0	Satisfactory

78	2077/04/25	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	350	96	120	0.1	0.02	7.68	0.2	0	Satisfactory
79	2077/04/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	32	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
80	2077/04/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	51	18	16	0.1	0.02	5.76	0.6	0	Satisfactory
81	2077/04/25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	291	60	56	0.3	1.5	15.36	0.8	0	Satisfactory
82	2077/04/26	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.3	320	92	116	0.1	0.02	5.76	0.7	0	Satisfactory
83	2077/04/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.6	32	10	10	0.1	0.02	7.68	0.7	0	Satisfactory
84	2077/04/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	49	14	10	0.1	0.02	7.68	0.8	0	Satisfactory
85	2077/04/26	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	288	58	60	0.3	1.5	9.6	0.4	0	Satisfactory
86	2077/04/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.6	33	10	10	0.1	0.02	5.76	0.7	0	Satisfactory
87	2077/04/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	59	18	16	0.1	0.02	5.76	0.7	0	Satisfactory
88	2077/04/27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	309	58	54	0.3	1.5	15.36	0.8	0	Satisfactory
89	2077/04/28	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	335	94	118	0.1	0.02	5.76	0.6	0	Satisfactory
90	2077/04/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.7	37	12	10	0.1	0.02	5.76	0.8	0	Satisfactory
91	2077/04/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	48	16	10	0.1	0.02	5.76	0.8	0	Satisfactory
92	2077/04/28	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	272	68	60	0.3	1.5	9.6	0.1	0	Satisfactory
93	2077/04/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.8	34	12	10	0.1	0.02	5.76	0.8	0	Satisfactory
94	2077/04/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	64	20	22	0.1	0.02	5.76	0.8	0	Satisfactory
95	2077/04/29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	312	62	60	0.3	1.5	15.36	0.4	0	Satisfactory
96	2077/04/30	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.0	350	98	120	0.1	0.02	5.76	0.8	0	Satisfactory
97	2077/04/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	51	18	16	0.1	0.02	5.76	0.1	0	Satisfactory
98	2077/04/30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	308	58	54	0.3	1.5	15.36	0.8	0	Satisfactory
99	2077/04/32	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	8.1	358	100	120	0.1	0.02	7.68	0.5	0	Satisfactory
100	2077/04/32	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	46	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
101	2077/04/32	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	303	60	70	0.3	1.5	13.44	0.1	0	Satisfactory