

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Chaitra 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	
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	2077/12/01	MahankalChaur	MahankalChaur WTP	Treated	Clear/1.9	<5	7.2	72	16	14	0.1	0.02	5.76	0.1	0	Satisfactory
2	2077/12/01	Madhyapur Thimi	Bode WTP	Treated	Clear/5.5	<5	7.1	267	60	58	0.3	1.5	19.2	0.8	0	Satisfactory
3	2077/12/01	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.24	<5	7.1	93	32	24	0.1	0.02	5.76	0.5	0	Satisfactory
4	2077/12/01	Lalitpur	Sainbu W.T.P.	Treated	Clear/1.15	<5	7.9	341	100	122	0.1	0.02	5.76	0.5	0	Satisfactory
5	2077/12/02	MahankalChaur	MahankalChaur WTP	Treated	Clear/3.7	<5	6.8	72	14	12	0.1	0.02	9.6	0.5	0	Satisfactory
6	2077/12/02	Madhyapur Thimi	Bode WTP	Treated	Clear/4.73	<5	7.1	249	58	50	0.3	1.6	9.6	0.2	0	Satisfactory
7	2077/12/02	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.6	<5	7.1	98	34	26	0.1	0.02	5.76	0.5	0	Satisfactory
8	2077/12/02	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.89	<5	8.0	348	102	124	0.1	0.02	7.68	0.7	0	Satisfactory
9	2077/12/03	MahankalChaur	MahankalChaur WTP	Treated	Clear/4.2	<5	6.5	66	12	14	0.1	0.02	5.76	0.6	0	Satisfactory
10	2077/12/03	Madhyapur Thimi	Bode WTP	Treated	Clear/3.28	<5	6.9	273	60	58	0.3	1.6	17.28	0.5	0	Satisfactory
11	2077/12/03	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.35	<5	7.1	102	34	28	0.1	0.02	5.76	0.5	0	Satisfactory
12	2077/12/04	MahankalChaur	MahankalChaur WTP	Treated	Clear/3.4	<5	7.3	66	16	14	0.1	0.02	7.68	0.8	0	Satisfactory
13	2077/12/04	Madhyapur Thimi	Bode WTP	Treated	Clear/6.12	<5	6.9	259	60	54	0.3	1.7	9.6	0.1	0	Satisfactory
14	2077/12/04	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.52	<5	7.1	96	34	26	0.1	0.02	7.68	0.5	0	Satisfactory
15	2077/12/04	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.41	<5	7.8	344	100	120	0.1	0.02	7.68	0.6	0	Satisfactory
16	2077/12/05	MahankalChaur	MahankalChaur WTP	Treated	Clear/3.02	<5	7.1	63	16	14	0.1	0.02	5.76	0.1	0	Satisfactory
17	2077/12/05	Madhyapur Thimi	Bode WTP	Treated	Clear/4.2	<5	7.1	254	60	50	0.3	1.6	19.2	0.2	0	Satisfactory
18	2077/12/05	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.53	<5	7.1	102	36	28	0.1	0.02	3.84	0.5	0	Satisfactory
19	2077/12/05	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.81	<5	8.1	339	96	120	0.1	0.02	5.76	0.6	0	Satisfactory
20	2077/12/06	MahankalChaur	MahankalChaur WTP	Treated	Clear/3.75	<5	7.1	76	16	14	0.1	0.02	7.68	0.8	0	Satisfactory
21	2077/12/06	Madhyapur Thimi	Bode WTP	Treated	Clear/3.99	<5	6.9	246	58	46	0.3	1.6	9.6	0.2	0	Satisfactory
22	2077/12/06	Maharajgunj	Bansbari W.T.P	Treated	Clear/3.02	<5	7.1	100	38	24	0.1	0.02	5.76	0.5	0	Satisfactory
23	2077/12/06	Lalitpur	Sainbu W.T.P.	Treated	Clear/1.12	<5	7.9	332	94	118	0.1	0.02	5.76	0.8	0	Satisfactory
24	2077/12/07	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.72	<5	7.1	106	38	38	0.1	0.02	5.76	0.8	0	Satisfactory
25	2077/12/08	MahankalChaur	MahankalChaur WTP	Treated	Clear/3.7	<5	6.9	62	16	14	0.1	0.02	5.76	0.2	0	Satisfactory
26	2077/12/08	Madhyapur Thimi	Bode WTP	Treated	Clear/4.9	<5	6.9	240	60	42	0.3	1.7	9.6	0.3	0	Satisfactory
27	2077/12/08	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.78	<5	7.1	105	34	28	0.1	0.02	7.68	0.5	0	Satisfactory
28	2077/12/08	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.9	<5	7.9	342	100	120	0.1	0.02	7.68	0.5	0	Satisfactory
29	2077/12/09	MahankalChaur	MahankalChaur WTP	Treated	Clear/2.9	<5	7.8	65	16	14	0.1	0.02	5.76	0.2	0	Satisfactory

30	2077/12/09	Madhyapur Thimi	Bode WTP	Treated	Clear/2.99	<5	7.1	252	60	46	0.3	1.7	9.6	0.1	0	Satisfactory
31	2077/12/09	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.71	<5	7.1	110	32	30	0.1	0.02	5.76	0.5	0	Satisfactory
32	2077/12/09	Lalitpur	Sainbu W.T.P.	Treated	Clear/1.1	<5	7.9	346	100	122	0.1	0.02	7.68	0.7	0	Satisfactory
33	2077/12/10	MahankalChaur	MahankalChaur WTP	Treated	Clear/3.6	<5	6.9	51	16	14	0.1	0.02	5.76	0.3	0	Satisfactory
34	2077/12/10	Madhyapur Thimi	Bode WTP	Treated	Clear/2.42	<5	7.1	252	60	50	0.3	1.6	9.6	0.1	0	Satisfactory
35	2077/12/10	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.01	<5	7.1	111	34	28	0.1	0.02	7.68	0.5	0	Satisfactory
36	2077/12/10	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.8	<5	8.0	338	98	120	0.1	0.02	7.68	0.6	0	Satisfactory
37	2077/12/11	MahankalChaur	MahankalChaur WTP	Treated	Clear/6.5	<5	7.1	52	16	14	0.1	0.02	5.76	0.7	0	Satisfactory
38	2077/12/11	Madhyapur Thimi	Bode WTP	Treated	Clear/2.35	<5	7.1	260	60	56	0.3	1.6	19.2	0.4	0	Satisfactory
39	2077/12/11	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.4	<5	7.1	106	36	30	0.1	0.02	7.68	0.6	0	Satisfactory
40	2077/12/12	MahankalChaur	MahankalChaur WTP	Treated	Clear/0.82	<5	6.7	61	16	14	0.1	0.02	5.76	0.8	0	Satisfactory
41	2077/12/12	Madhyapur Thimi	Bode WTP	Treated	Clear/2	<5	7.1	247	60	52	0.3	1.6	9.6	0.2	0	Satisfactory
42	2077/12/12	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.2	<5	7.1	111	34	30	0.1	0.02	5.76	0.6	0	Satisfactory
43	2077/12/12	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.7	<5	8.1	347	102	122	0.1	0.02	7.68	0.7	0	Satisfactory
44	2077/12/13	MahankalChaur	MahankalChaur WTP	Treated	Clear/4.3	<5	6.7	64	14	16	0.1	0.02	5.76	0.1	0	Satisfactory
45	2077/12/13	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.4	<5	7.1	113	36	30	0.1	0.02	7.68	0.5	0	Satisfactory
46	2077/12/13	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.7	<5	7.9	341	98	120	0.1	0.02	7.68	0.6	0	Satisfactory
47	2077/12/14	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.34	<5	7.1	108	34	30	0.1	0.02	7.68	0.5	0	Satisfactory
48	2077/12/15	MahankalChaur	MahankalChaur WTP	Treated	Clear/3.5	<5	6.9	68	20	16	0.1	0.02	3.84	0.6	0	Satisfactory
49	2077/12/15	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.3	<5	7.1	111	36	30	0.1	0.02	5.76	0.5	0	Satisfactory
50	2077/12/15	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/4.9	<5	7.6	163	26	20	0.1	0.02	3.84	0.8	0	Satisfactory
51	2077/12/16	MahankalChaur	MahankalChaur WTP	Treated	Clear/2.4	<5	7.1	66	22	18	0.1	0.02	9.6	0.8	0	Satisfactory
52	2077/12/16	Madhyapur Thimi	Bode WTP	Treated	Clear/2.1	<5	7.1	247	62	52	0.3	1.6	9.6	2.0	0	Satisfactory
53	2077/12/16	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.34	<5	7.1	113	36	30	0.1	0.02	7.68	0.5	0	Satisfactory
54	2077/12/16	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.6	<5	7.9	339	96	120	0.1	0.02	7.68	0.6	0	Satisfactory
55	2077/12/16	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/4.0	<5	7.9	136	42	22	0.1	0.02	5.76	0.8	0	Satisfactory
56	2077/12/17	MahankalChaur	MahankalChaur WTP	Treated	Clear/5.01	<5	6.8	63	14	16	0.1	0.02	7.68	0.8	0	Satisfactory
57	2077/12/17	Madhyapur Thimi	Bode WTP	Treated	Clear/2.2	<5	7.1	252	62	56	0.3	1.6	17.28	0.3	0	Satisfactory
58	2077/12/17	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.34	<5	7.1	109	36	28	0.1	0.02	7.68	0.5	0	Satisfactory
59	2077/12/17	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.8	<5	7.8	348	100	122	0.1	0.02	7.68	0.7	0	Satisfactory
60	2077/12/17	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/1.7	<5	8.2	122	44	20	0.1	0.02	5.76	0.8	0	Satisfactory
61	2077/12/18	MahankalChaur	MahankalChaur WTP	Treated	Clear/2.6	<5	7.8	56	26	16	0.1	0.02	5.76	0.3	0	Satisfactory
62	2077/12/18	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.04	<5	7.1	113	36	30	0.1	0.02	5.76	0.5	0	Satisfactory
63	2077/12/18	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.6	<5	8.0	343	100	122	0.1	0.02	7.68	0.9	0	Satisfactory
64	2077/12/18	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/10	<5	8.2	113	40	18	0.3	0.02	5.76	0.5	0	Satisfactory
65	2077/12/19	MahankalChaur	MahankalChaur WTP	Treated	Clear/2.4	<5	7.4	63	24	14	0.1	0.02	5.76	0.4	0	Satisfactory
66	2077/12/19	Madhyapur Thimi	Bode WTP	Treated	Clear/2.83	<5	7.1	232	58	52	0.3	1.6	11.52	0.1	0	Satisfactory
67	2077/12/19	Maharajgunj	Bansbari W.T.P	Treated	Clear/1.34	<5	7.1	107	34	30	0.1	0.02	7.68	0.5	0	Satisfactory
68	2077/12/19	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.7	<5	7.8	340	100	120	0.1	0.02	7.68	0.6	0	Satisfactory
69	2077/12/19	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/10	<5	8.2	114	46	18	0.3	0.02	5.76	0.1	0	Satisfactory

70	2077/12/20	MahankalChaur	MahankalChaur WTP	Treated	Clear/5	<5	6.9	66	18	14	0.1	0.02	9.6	0.7	0	Satisfactory
71	2077/12/20	Madhyapur Thimi	Bode WTP	Treated	Clear/2.39	<5	7.1	230	54	44	0.3	1.4	9.6	0.3	0	Satisfactory
72	2077/12/20	Maharajgunj	Bansbari W.T.P	Treated	Clear/1.32	<5	7.1	111	34	28	0.1	0.02	5.76	0.5	0	Satisfactory
73	2077/12/20	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.6	<5	8.0	336	98	120	0.1	0.02	5.76	0.7	0	Satisfactory
74	2077/12/20	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/10	<5	8.2	101	46	18	0.2	0.02	5.76	0.3	0	Satisfactory
75	2077/12/21	MahankalChaur	MahankalChaur WTP	Treated	Clear/3.4	<5	7.7	59	26	14	0.1	0.02	5.76	0.1	0	Satisfactory
76	2077/12/21	Maharajgunj	Bansbari W.T.P	Treated	Clear/1.38	<5	7.1	110	36	28	0.1	0.02	5.76	0.5	0	Satisfactory
77	2077/12/21	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/8	<5	7.9	92	22	24	0.3	0.02	7.88	0.2	0	Satisfactory
78	2077/12/22	MahankalChaur	MahankalChaur WTP	Treated	Clear/2.1	<5	6.8	55	18	14	0.1	0.02	5.76	0.2	0	Satisfactory
79	2077/12/22	Madhyapur Thimi	Bode WTP	Treated	Clear/2.14	<5	6.8	227	52	42	0.3	1.4	9.6	0.2	0	Satisfactory
80	2077/12/22	Maharajgunj	Bansbari W.T.P	Treated	Clear/1.7	<5	7.1	113	38	30	0.1	0.02	7.68	0.6	0	Satisfactory
81	2077/12/22	Lalitpur	Sainbu W.T.P.	Treated	Clear/1.2	<5	7.8	345	100	120	0.1	0.02	7.68	0.8	0	Satisfactory
82	2077/12/22	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/9.7	<5	8.2	93	22	24	0.1	0.02	5.76	0.2	0	Satisfactory
83	2077/12/23	MahankalChaur	MahankalChaur WTP	Treated	Clear/2.3	<5	6.8	59	16	14	0.1	0.02	5.76	0.3	0	Satisfactory
84	2077/12/23	Maharajgunj	Bansbari W.T.P	Treated	Clear/1.51	<5	7.1	114	36	30	0.1	0.02	7.68	0.5	0	Satisfactory
85	2077/12/23	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.5	<5	8.0	338	98	120	0.1	0.02	7.68	0.5	0	Satisfactory
86	2077/12/23	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/7.9	<5	7.8	91	24	22	0.1	0.02	5.76	0.5	0	Satisfactory
87	2077/12/24	MahankalChaur	MahankalChaur WTP	Treated	Clear/2.3	<5	7.5	71	18	14	0.1	0.02	5.76	0.8	0	Satisfactory
88	2077/12/24	Madhyapur Thimi	Bode WTP	Treated	Clear/1.99	<5	6.9	222	50	48	0.3	1.4	9.6	0.3	0	Satisfactory
89	2077/12/24	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.3	<5	7.1	116	38	30	0.1	0.02	7.68	0.6	0	Satisfactory
90	2077/12/24	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.5	<5	7.8	335	98	118	0.1	0.02	5.76	0.8	0	Satisfactory
91	2077/12/24	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/8.2	<5	7.5	91	20	22	0.1	0.02	5.76	0.4	0	Satisfactory
92	2077/12/25	MahankalChaur	MahankalChaur WTP	Treated	Clear/2	<5	7.1	78	18	14	0.1	0.02	5.76	0.3	0	Satisfactory
93	2077/12/25	Madhyapur Thimi	Bode WTP	Treated	Clear/2.5	<5	7.1	227	54	48	0.3	1.5	13.44	0.2	0	Satisfactory
94	2077/12/25	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.42	<5	7.1	110	34	28	0.1	0.02	7.68	0.5	0	Satisfactory
95	2077/12/25	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.4	<5	7.7	340	100	120	0.1	0.02	7.68	0.8	0	Satisfactory
96	2077/12/25	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/6.2	<5	8.1	90	22	24	0.1	0.02	5.76	0.1	0	Satisfactory
97	2077/12/26	MahankalChaur	MahankalChaur WTP	Treated	Clear/4.5	<5	7.4	79	18	14	0.1	0.02	5.76	0.3	0	Satisfactory
98	2077/12/26	Madhyapur Thimi	Bode WTP	Treated	Clear/2.43	<5	7.1	222	52	48	0.3	1.6	9.6	0.4	0	Satisfactory
99	2077/12/26	Maharajgunj	Bansbari W.T.P	Treated	Clear/5.48	<5	7.3	94	34	30	0.1	0.02	5.76	0.2	0	Satisfactory
100	2077/12/26	Lalitpur	Sainbu W.T.P.	Treated	Clear/0.4	<5	7.9	344	100	120	0.1	0.02	7.68	0.9	0	Satisfactory
101	2077/12/26	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/8.1	<5	7.7	97	26	28	0.1	0.02	3.84	0.7	0	Satisfactory
102	2077/12/27	MahankalChaur	MahankalChaur WTP	Treated	Clear/3.3	<5	6.9	61	14	16	0.1	0.02	5.76	0.4	0	Satisfactory
103	2077/12/27	Madhyapur Thimi	Bode WTP	Treated	Clear/2.7	<5	7.1	244	58	56	0.3	1.5	23.04	0.8	0	Satisfactory
104	2077/12/27	Maharajgunj	Bansbari W.T.P	Treated	Clear/4.81	<5	7.4	95	30	28	0.1	0.02	5.76	0.2	0	Satisfactory
105	2077/12/27	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/7.2	<5	8.2	96	28	26	0.1	0.02	5.76	0.2	0	Satisfactory
106	2077/12/28	MahankalChaur	MahankalChaur WTP	Treated	Clear/3.8	<5	7.5	55	14	18	0.1	0.02	3.84	0.2	0	Satisfactory
107	2077/12/28	Maharajgunj	Bansbari W.T.P	Treated	Clear/4.43	<5	7.4	94	30	28	0.1	0.02	5.76	0.8	0	Satisfactory
108	2077/12/28	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/6.7	<5	7.7	94	28	26	0.1	0.02	5.76	0.3	0	Satisfactory
109	2077/12/29	MahankalChaur	MahankalChaur WTP	Treated	Clear/4.8	<5	7.8	61	16	18	0.1	0.02	3.84	0.3	0	Satisfactory

110	2077/12/29	Maharajgunj	Bansbari W.T.P	Treated	Clear/4.44	<5	7.5	96	32	28	0.1	0.02	5.76	0.2	0	Satisfactory
111	2077/12/29	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/5.1	<5	7.7	93	28	26	0.1	0.02	5.76	0.1	0	Satisfactory
112	2077/12/30	MahankalChaur	MahankalChaur WTP	Treated	Clear/4.7	<5	7.7	57	18	14	0.1	0.02	5.76	0.2	0	Satisfactory
113	2077/12/30	Madhyapur Thimi	Bode WTP	Treated	Clear/2.21	<5	6.9	240	56	50	0.3	1.6	9.6	0.1	0	Satisfactory
114	2077/12/30	Maharajgunj	Bansbari W.T.P	Treated	Clear/3.7	<5	7.8	96	36	32	0.1	0.02	5.76	0.3	0	Satisfactory
115	2077/12/30	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/3.3	<5	7.8	90	28	26	0.1	0.02	5.76	0.2	0	Satisfactory
116	2077/12/31	MahankalChaur	MahankalChaur WTP	Treated	Clear/2.3	<5	7.7	59	18	14	0.1	0.02	5.76	0.2	0	Satisfactory
117	2077/12/31	Madhyapur Thimi	Bode WTP	Treated	Clear/2.21	<5	7.1	259	60	52	0.3	1.5	19.2	0.4	0	Satisfactory
118	2077/12/31	Maharajgunj	Bansbari W.T.P	Treated	Clear/2.69	<5	7.1	101	34	32	0.1	0.02	5.76	0.3	0	Satisfactory
119	2077/12/31	Sundarijal	Sundarijal WTP (Melamchi)	Treated	Clear/4.8	<5	7.5	95	30	26	0.1	0.02	5.76	0.3	0	Satisfactory