

KATHMANDU UPATYAKA KHANEPANI LIMITED
Water / Waste Water Quality Assurance Division , Mahankalchaur
Laboratory Record Of Chemical & Bacteriological Analysis Of Water
Baisakh 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	
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	2076-01-01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	90	40	24	0.1	0.02	5.76	0.6	0	Satisfactory
2	2076-01-02	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.1	350	110	134	0.1	0.02	7.68	0.8	0	Satisfactory
3	2076-01-02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	96	42	24	0.1	0.02	5.76	0.6	0	Satisfactory
4	2076-01-02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	6.8	91	24	20	0.3	0.02	9.6	0.5	0	Satisfactory
5	2076-01-03	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	397	122	150	0.1	0.02	7.68	0.7	0	Satisfactory
6	2076-01-03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	89	40	24	0.1	0.02	5.76	0.5	0	Satisfactory
7	2076-01-03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.6	74	22	14	0.3	0.02	9.6	0.2	0	Satisfactory
8	2076-01-04	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	390	120	148	0.1	0.02	7.68	0.7	0	Satisfactory
9	2076-01-04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	92	40	24	0.1	0.02	5.76	0.5	0	Satisfactory
10	2076-01-04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	66	18	16	0.3	0.02	7.68	0.2	0	Satisfactory
11	2076-01-05	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.0	392	120	150	0.1	0.02	7.68	0.5	0	Satisfactory
12	2076-01-05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	95	40	24	0.1	0.02	5.76	0.6	0	Satisfactory
13	2076-01-05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	65	18	16	0.2	0.02	7.68	0.4	0	Satisfactory
14	2076-01-06	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	380	120	142	0.1	0.02	7.68	0.8	0	Satisfactory
15	2076-01-06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	92	40	24	0.1	0.02	5.76	0.5	0	Satisfactory
16	2076-01-06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	63	14	12	0.2	0.02	7.68	0.2	0	Satisfactory
17	2076-01-07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	95	42	24	0.1	0.02	5.76	0.6	0	Satisfactory
18	2076-01-08	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	355	116	136	0.1	0.02	7.68	0.6	0	Satisfactory
19	2076-01-08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	87	38	26	0.1	0.02	5.76	0.6	0	Satisfactory
20	2076-01-09	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	350	114	134	0.1	0.02	7.68	0.6	0	Satisfactory
21	2076-01-09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.6	95	42	26	0.1	0.02	5.76	0.6	0	Satisfactory
22	2076-01-09	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	320	108	68	0.3	2	23.04	0.5	0	Satisfactory
23	2076-01-09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	57	14	16	0.1	0.02	5.76	0.2	0	Satisfactory
24	2076-01-10	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	360	116	138	0.1	0.02	7.68	0.7	0	Satisfactory
25	2076-01-10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	103	42	26	0.1	0.02	5.76	0.6	0	Satisfactory
26	2076-01-10	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	294	94	50	0.3	1.9	7.68	0.6	0	Satisfactory
27	2076-01-10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/10	<5	6.5	80	20	22	0.2	0.02	9.6	0.2	0	Satisfactory
28	2076-01-11	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.4	390	120	148	0.1	0.02	7.68	0.7	0	Satisfactory
29	2076-01-11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	101	42	24	0.1	0.02	5.76	0.5	0	Satisfactory

30	2076-01-11	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	364	98	32	0.3	1.7	17.28	0.7	0	Satisfactory
31	2076-01-11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	6.5	63	14	16	0.1	0.02	5.76	0.2	0	Satisfactory
32	2076-01-12	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	350	114	132	0.1	0.02	7.68	0.9	0	Satisfactory
33	2076-01-12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	102	42	26	0.1	0.02	5.76	0.5	0	Satisfactory
34	2076-01-12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	323	96	34	0.3	1.8	11.52	0.5	0	Satisfactory
35	2076-01-12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9	<5	6.5	80	20	22	0.2	0.02	9.6	0.4	0	Satisfactory
36	2076-01-13	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	370	120	136	0.1	0.02	7.68	0.6	0	Satisfactory
37	2076-01-13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	98	38	26	0.1	0.02	5.76	0.5	0	Satisfactory
38	2076-01-13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	328	90	50	0.3	1.9	3.84	0.4	0	Satisfactory
39	2076-01-13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	6.5	77	18	20	0.1	0.02	9.6	0.2	0	Satisfactory
40	2076-01-14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.0	99	38	26	0.1	0.02	5.76	0.5	0	Satisfactory
41	2076-01-15	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.8	388	120	146	0.1	0.02	7.68	0.5	0	Satisfactory
42	2076-01-15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	99	42	26	0.1	0.02	5.76	0.5	0	Satisfactory
43	2076-01-15	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.7	326	92	48	0.3	1.8	7.68	0.3	0	Satisfactory
44	2076-01-15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.9	82	24	20	0.1	0.02	9.6	0.8	0	Satisfactory
45	2076-01-16	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	340	110	138	0.1	0.02	7.68	0.9	0	Satisfactory
46	2076-01-16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	99	40	26	0.1	0.02	5.76	0.5	0	Satisfactory
47	2076-01-16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	320	90	48	0.3	1.7	3.84	0.5	0	Satisfactory
48	2076-01-16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.5	69	16	14	0.2	0.02	9.6	0.4	0	Satisfactory
49	2076-01-17	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	391	120	150	0.1	0.02	7.68	0.8	0	Satisfactory
50	2076-01-17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	104	44	26	0.1	0.02	5.76	0.5	0	Satisfactory
51	2076-01-17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	302	94	44	0.3	1.8	9.6	0.6	0	Satisfactory
52	2076-01-17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.9	93.1	26	22	0.1	0.02	7.68	0.3	0	Satisfactory
53	2076-01-18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	6.9	102	42	26	0.1	0.02	5.76	0.5	0	Satisfactory
54	2076-01-19	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.2	348	114	130	0.1	0.02	7.68	0.7	0	Satisfactory
55	2076-01-19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	98	42	26	0.1	0.02	5.76	0.5	0	Satisfactory
56	2076-01-19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	327	96	50	0.3	1.8	3.84	0.8	0	Satisfactory
57	2076-01-19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	61	16	14	0.1	0.02	7.68	0.2	0	Satisfactory
58	2076-01-20	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.7	356	104	136	0.1	0.02	7.68	0.5	0	Satisfactory
59	2076-01-20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	96	42	26	0.1	0.02	5.76	0.5	0	Satisfactory
60	2076-01-20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.6	334.6	86	52	0.3	1.9	21.12	0.5	0	Satisfactory
61	2076-01-20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	70	16	14	0.3	0.02	5.76	0.2	0	Satisfactory
62	2076-01-21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	94	40	26	0.1	0.02	5.76	0.5	0	Satisfactory
63	2076-01-22	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	6.9	345	100	120	0.1	0.02	7.68	0.9	0	Satisfactory
64	2076-01-22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	94	40	24	0.1	0.02	5.76	0.5	0	Satisfactory
65	2076-01-22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	60	14	12	0.1	0.02	5.76	0.2	0	Satisfactory
66	2076-01-23	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	350	110	126	0.1	0.02	7.68	0.6	0	Satisfactory
67	2076-01-23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	105	44	26	0.1	0.02	5.76	0.5	0	Satisfactory

68	2076-01-23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	344	96	52	0.3	1.6	11.52	0.5	0	Satisfactory
69	2076-01-23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	6.5	70	24	26	0.3	0.02	5.76	0.2	0	Satisfactory
70	2076-01-24	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	348	114	130	0.1	0.02	7.68	0.8	0	Satisfactory
71	2076-01-24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	109	44	28	0.1	0.02	5.76	0.5	0	Satisfactory
72	2076-01-24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	340	92	46	0.3	1.7	13.44	0.5	0	Satisfactory
73	2076-01-24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	77	16	16	0.2	0.02	5.76	0.8	0	Satisfactory
74	2076-01-25	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.3	387	120	150	0.1	0.02	7.68	0.6	0	Satisfactory
75	2076-01-25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	110	44	28	0.1	0.02	5.76	0.4	0	Satisfactory
76	2076-01-25	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	343	98	56	0.3	1.7	17.28	0.2	0	Satisfactory
77	2076-01-25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	64	12	14	0.3	0.02	5.76	0.2	0	Satisfactory
78	2076-01-26	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	379	120	142	0.1	0.02	7.68	0.8	0	Satisfactory
79	2076-01-26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	105	44	26	0.1	0.02	5.76	0.5	0	Satisfactory
80	2076-01-26	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	341	108	56	0.3	1.8	17.28	0.7	0	Satisfactory
81	2076-01-26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	85.4	20	18	0.2	0.02	5.76	0.8	0	Satisfactory
82	2076-01-27	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	355	114	134	0.1	0.02	7.68	0.7	0	Satisfactory
83	2076-01-27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	105	44	26	0.2	0.02	7.68	0.4	0	Satisfactory
84	2076-01-27	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	338	100	56	0.3	1.7	13.44	0.8	0	Satisfactory
85	2076-01-27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	57	20	18	0.2	0.02	5.76	0.1	0	Satisfactory
86	2076-01-28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	103	42	26	0.1	0.02	7.68	0.5	0	Satisfactory
87	2076-01-29	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.5	389	120	150	0.1	0.02	7.68	0.8	0	Satisfactory
88	2076-01-29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	102	42	26	0.1	0.02	7.68	0.5	0	Satisfactory
89	2076-01-29	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	343	108	62	0.3	1.6	15.36	0.6	0	Satisfactory
90	2076-01-29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	70	20	28	0.2	0.02	9.6	0.8	0	Satisfactory
91	2076-01-30	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.6	360	116	130	0.1	0.02	7.68	0.6	0	Satisfactory
92	2076-01-30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	103	44	26	0.1	0.02	7.68	0.5	0	Satisfactory
93	2076-01-30	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	318	110	60	0.3	1.6	15.36	0.5	0	Satisfactory
94	2076-01-30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.6	61	24	20	0.2	0.02	5.76	0.6	0	Satisfactory
95	2076-01-31	Lalitpur	Sainbu W.T.P.	Treated	Clear/<5	<5	7.4	391	120	148	0.1	0.02	7.68	0.7	0	Satisfactory
96	2076-01-31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	117	48	32	0.1	0.02	7.68	0.5	0	Satisfactory
97	2076-01-31	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.5	322	116	46	0.3	1.8	13.44	0.7	0	Satisfactory
98	2076-01-31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.5	64	30	26	0.2	0.02	5.76	0.2	0	Satisfactory