

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

S.No.	Date	Branch	Location	Sample taken	Turbidity	Colour	p <sup>H</sup>	E.C.	Total Alkalinity	Total Hardness	Total Iron	Total Ammonia	Chloride	F.R.C.	Total Coliforms	Remarks
Units					(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	2077/01/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	99	36	24	0.1	0.02	7.68	0.4	0	Satisfactory
2	2077/01/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	49	18	16	0.1	0.02	5.76	0.2	0	Satisfactory
3	2077/01/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	103	38	26	0.1	0.02	5.76	0.4	0	Satisfactory
4	2077/01/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	56	18	14	0.2	0.02	7.68	0.3	0	Satisfactory
5	2077/01/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	102	38	26	0.1	0.02	5.76	0.5	0	Satisfactory
6	2077/01/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	52	20	18	0.1	0.02	5.76	0.3	0	Satisfactory
7	2077/01/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	95	36	26	0.1	0.02	5.76	0.4	0	Satisfactory
8	2077/01/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	55	18	16	0.1	0.02	9.6	0.4	0	Satisfactory
9	2077/01/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	89	34	24	0.1	0.02	5.76	0.4	0	Satisfactory
10	2077/01/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	93	36	24	0.1	0.02	5.76	0.5	0	Satisfactory
11	2077/01/07	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	53	18	16	0.1	0.02	5.76	0.4	0	Satisfactory
12	2077/01/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	82	32	24	0.1	0.02	5.76	0.5	0	Satisfactory
13	2077/01/08	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	60	20	16	0.1	0.02	7.68	0.2	0	Satisfactory
14	2077/01/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	83	34	24	0.1	0.02	5.76	0.5	0	Satisfactory
15	2077/01/09	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.4	58	20	16	0.1	0.02	7.68	0.8	0	Satisfactory
16	2077/01/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	82	34	24	0.1	0.02	5.76	0.4	0	Satisfactory
17	2077/01/09	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.7	282	50	54	0.7	1.8	11.52	0.1	0	Satisfactory
18	2077/01/10	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	63	20	16	0.1	0.02	5.76	0.4	0	Satisfactory
19	2077/01/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	83	34	24	0.1	0.02	5.76	0.5	0	Satisfactory
20	2077/01/11	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.1	59	20	16	0.1	0.02	5.76	0.8	0	Satisfactory
21	2077/01/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	89	36	24	0.1	0.02	5.76	0.6	0	Satisfactory
22	2077/01/11	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.7	276	50	48	0.3	1.9	17.28	0.1	0	Satisfactory
23	2077/01/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	54	20	14	0.1	0.02	9.6	0.6	0	Satisfactory
24	2077/01/12	Lalitpur	Sainbu	Treated	Clear/<5	<5	7.6	288	102	124	0.2	0.02	7.68	0.5	0	Satisfactory
25	2077/01/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	98	36	26	0.1	0.02	5.76	0.6	0	Satisfactory
26	2077/01/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	90	34	26	0.1	0.02	5.76	0.5	0	Satisfactory
27	2077/01/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	64	20	16	0.2	0.02	7.68	0.8	0	Satisfactory
28	2077/01/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	72	26	20	0.1	0.02	5.76	0.5	0	Satisfactory
29	2077/01/14	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.8	297	52	50	0.3	1.9	19.2	0.1	0	Satisfactory
30	2077/01/15	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/6	<5	7.2	76	26	20	0.2	0.02	9.6	0.4	0	Satisfactory
31	2077/01/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	68	26	22	0.1	0.02	5.76	0.5	0	Satisfactory
32	2077/01/15	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	7.0	384	62	58	0.3	1.9	7.68	0.1	0	Satisfactory
33	2077/01/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.1	64	22	18	0.2	0.02	5.76	0.1	0	Satisfactory
34	2077/01/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	66	24	22	0.1	0.02	5.76	0.5	0	Satisfactory

35	2077/01/16	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.9	341	50	48	0.3	1.9	15.36	0.1	0	Satisfactory
36	2077/01/16	Lalitpur	Sainbu	Treated	Clear/<5	<5	7.9	299	109	117	0.2	0.02	7.68	0.5	0	Satisfactory
37	2077/01/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/7	<5	7.2	67	22	18	0.1	0.02	7.68	0.5	0	Satisfactory
38	2077/01/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	75	26	22	0.1	0.02	5.76	0.6	0	Satisfactory
39	2077/01/17	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.8	381	50	48	0.3	1.8	7.68	0.1	0	Satisfactory
40	2077/01/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	56	20	16	0.1	0.02	5.76	0.4	0	Satisfactory
41	2077/01/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	86	32	24	0.1	0.02	5.76	0.5	0	Satisfactory
42	2077/01/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	88	34	24	0.1	0.02	5.76	0.6	0	Satisfactory
43	2077/01/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	104	42	26	0.1	0.02	5.76	0.6	0	Satisfactory
44	2077/01/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	59	20	16	0.1	0.02	7.68	0.3	0	Satisfactory
45	2077/01/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	104	44	28	0.1	0.02	5.76	0.6	0	Satisfactory
46	2077/01/21	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.7	350	52	60	0.3	1.8	13.44	0.1	0	Satisfactory
47	2077/01/21	Lalitpur	Sainbu	Treated	Clear/<5	<5	7.6	288	104	124	0.2	0.02	11.52	0.5	0	Satisfactory
48	2077/01/22	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	49	16	12	0.1	0.02	5.76	0.6	0	Satisfactory
49	2077/01/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.3	110	46	30	0.1	0.02	5.76	0.6	0	Satisfactory
50	2077/01/22	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.8	340	50	48	0.3	1.8	11.36	0.2	0	Satisfactory
51	2077/01/22	Lalitpur	Sainbu	Treated	Clear/<5	<5	7.7	302	106	123	0.2	0.02	7.68	0.6	0	Satisfactory
52	2077/01/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.9	62	20	16	0.1	0.02	7.68	0.8	0	Satisfactory
53	2077/01/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	86	34	24	0.1	0.02	5.76	0.6	0	Satisfactory
54	2077/01/23	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.7	356	54	48	0.3	1.8	9.6	0.2	0	Satisfactory
55	2077/01/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	56	20	14	0.1	0.02	7.68	0.4	0	Satisfactory
56	2077/01/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	92	34	24	0.1	0.02	7.68	0.6	0	Satisfactory
57	2077/01/24	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.7	366	60	58	0.2	1.8	9.6	0.1	0	Satisfactory
58	2077/01/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	90	34	24	0.1	0.02	5.76	0.5	0	Satisfactory
59	2077/01/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	63	20	16	0.2	0.02	11.52	0.8	0	Satisfactory
60	2077/01/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	101	38	26	0.1	0.02	5.76	0.6	0	Satisfactory
61	2077/01/26	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.7	365	56	54	0.2	1.9	9.6	0.1	0	Satisfactory
62	2077/01/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	99	38	26	0.1	0.02	5.76	0.5	0	Satisfactory
63	2077/01/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	60	20	16	0.1	0.02	7.68	0.8	0	Satisfactory
64	2077/01/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	98	36	26	0.1	0.02	5.76	0.5	0	Satisfactory
65	2077/01/28	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.7	323	94	42	0.3	1.9	11.52	0.3	0	Satisfactory
66	2077/01/28	Lalitpur	Sainbu	Treated	Clear/<5	<5	7.8	294	96	108	0.2	0.02	9.6	0.4	0	Satisfactory
67	2077/01/29	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	62	20	16	0.1	0.02	11.52	0.8	0	Satisfactory
68	2077/01/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	99	38	26	0.1	0.02	5.76	0.6	0	Satisfactory
69	2077/01/29	Madhyapur Thimi	BodeWTP	Treated	Clear/<5	<5	6.6	292	48	52	0.3	1.9	11.52	0.8	0	Satisfactory
70	2077/01/30	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	56	18	16	0.1	0.02	3.84	0.3	0	Satisfactory
71	2077/01/30	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	97	36	26	0.1	0.02	5.76	0.5	0	Satisfactory
72	2077/01/31	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.0	62	20	20	0.1	0.02	5.76	0.2	0	Satisfactory
73	2077/01/31	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	104	38	28	0.1	0.02	5.76	0.5	0	Satisfactory
74	2077/01/31	Madhyapur Thimi	BodeWTP	Treated	Clear/6	<5	6.7	290	64	56	0.3	1.6	7.68	0.1	0	Satisfactory