

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

S.No.	Date	Branch	Location	Sample taken	Turbidity	Colour	pH	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	2077/07/01	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	45	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
2	2077/07/02	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	35	12	10	0.1	0.02	3.84	0.6	0	Satisfactory
3	2077/07/02	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.8	42	14	12	0.1	0.02	5.76	0.2	0	Satisfactory
4	2077/07/02	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	295	64	62	0.3	1.5	26.88	0.5	0	Satisfactory
5	2077/07/03	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	39	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
6	2077/07/03	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	39	14	12	0.1	0.02	5.76	0.1	0	Satisfactory
7	2077/07/03	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	286	62	60	0.3	1.6	13.44	0.3	0	Satisfactory
8	2077/07/04	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	36	12	10	0.1	0.02	3.84	0.5	0	Satisfactory
9	2077/07/04	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/9.0	<5	7.1	40	14	12	0.1	0.02	5.76	0.1	0	Satisfactory
10	2077/07/04	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	264	60	54	0.3	1.6	13.44	0.5	0	Satisfactory
11	2077/07/05	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	37	12	10	0.1	0.02	3.84	0.6	0	Satisfactory
12	2077/07/05	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	44	16	12	0.1	0.02	5.76	0.2	0	Satisfactory
13	2077/07/05	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	267	60	56	0.3	1.6	9.6	0.1	0	Satisfactory
14	2077/07/06	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	44	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
15	2077/07/06	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	41	16	14	0.1	0.02	5.76	0.1	0	Satisfactory
16	2077/07/06	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	264	58	50	0.3	1.6	9.6	0.1	0	Satisfactory
17	2077/07/06	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.9	347	100	122	0.1	0.02	5.76	0.8	0	Satisfactory
18	2077/07/07	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	45	16	14	0.1	0.02	5.76	0.7	0	Satisfactory
19	2077/07/08	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	12	0.1	0.02	5.76	0.7	0	Satisfactory
20	2077/07/09	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	41	14	12	0.1	0.02	3.84	0.7	0	Satisfactory
21	2077/07/10	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	47	16	14	0.1	0.02	5.76	0.6	0	Satisfactory
22	2077/07/11	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	35	12	10	0.1	0.02	3.84	0.6	0	Satisfactory
23	2077/07/12	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
24	2077/07/12	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	47	18	14	0.1	0.02	5.76	0.1	0	Satisfactory
25	2077/07/12	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	258	60	52	0.3	1.8	7.68	0.6	0	Satisfactory
26	2077/07/13	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	35	12	10	0.1	0.02	5.76	0.6	0	Satisfactory
27	2077/07/13	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	43	18	14	0.1	0.02	7.68	0.5	0	Satisfactory
28	2077/07/13	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	262	60	56	0.3	1.7	11.52	0.2	0	Satisfactory
29	2077/07/13	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.9	344	100	120	0.1	0.02	5.76	0.8	0	Satisfactory
30	2077/07/14	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	38	14	12	0.1	0.02	5.76	0.6	0	Satisfactory

31	2077/07/14	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	42	16	14	0.1	0.02	7.68	0.3	0	Satisfactory
32	2077/07/14	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.8	257	58	50	0.3	1.8	5.76	0.7	0	Satisfactory
33	2077/07/15	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	45	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
34	2077/07/16	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	36	12	10	0.1	0.02	3.84	0.5	0	Satisfactory
35	2077/07/16	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	6.7	50	14	12	0.1	0.02	7.68	0.7	0	Satisfactory
36	2077/07/16	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	262	60	50	0.3	1.8	5.76	0.1	0	Satisfactory
37	2077/07/17	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	44	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
38	2077/07/17	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	47	18	14	0.1	0.02	9.6	0.8	0	Satisfactory
39	2077/07/17	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	278	62	56	0.3	1.7	11.52	0.2	0	Satisfactory
40	2077/07/18	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	41	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
41	2077/07/18	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.1	52	18	14	0.1	0.02	5.76	0.3	0	Satisfactory
42	2077/07/18	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	260	60	50	0.3	1.8	9.6	0.6	0	Satisfactory
43	2077/07/19	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	39	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
44	2077/07/19	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	46	18	14	0.1	0.02	7.68	0.6	0	Satisfactory
45	2077/07/19	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	7.1	274	62	52	0.3	1.7	9.6	0.5	0	Satisfactory
46	2077/07/20	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	41	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
47	2077/07/20	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	46	20	14	0.1	0.02	7.68	0.1	0	Satisfactory
48	2077/07/20	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	262	60	50	0.3	1.8	7.68	0.7	0	Satisfactory
49	2077/07/20	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	7.8	336	98	120	0.1	0.02	5.76	0.6	0	Satisfactory
50	2077/07/21	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	38	14	12	0.1	0.02	3.84	0.5	0	Satisfactory
51	2077/07/21	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.5	46	20	14	0.1	0.02	7.68	0.8	0	Satisfactory
52	2077/07/21	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	271	64	48	0.3	1.7	9.6	0.2	0	Satisfactory
53	2077/07/22	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	39	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
54	2077/07/23	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	38	14	12	0.1	0.02	3.84	0.6	0	Satisfactory
55	2077/07/23	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	44	18	14	0.1	0.02	5.76	0.1	0	Satisfactory
56	2077/07/23	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	276	64	52	0.3	1.7	11.52	0.2	0	Satisfactory
57	2077/07/24	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	41	14	12	0.1	0.02	5.76	0.6	0	Satisfactory
58	2077/07/24	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.8	47	16	14	0.1	0.02	7.68	0.8	0	Satisfactory
59	2077/07/24	Madhyapur Thimi	Bode WTP	Treated	Clear/<5	<5	6.9	266	62	50	0.3	1.7	5.76	0.3	0	Satisfactory
60	2077/07/25	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	37	14	12	0.1	0.02	5.76	0.5	0	Satisfactory
61	2077/07/25	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	50	18	12	0.1	0.02	7.68	0.8	0	Satisfactory
62	2077/07/26	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	39	14	12	0.1	0.02	3.84	0.5	0	Satisfactory
63	2077/07/26	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	51	16	12	0.1	0.02	7.68	0.8	0	Satisfactory
64	2077/07/27	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	40	14	12	0.1	0.02	3.84	0.5	0	Satisfactory
65	2077/07/27	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.3	44	16	14	0.1	0.02	5.76	0.6	0	Satisfactory
66	2077/07/27	Lalitpur	Sainbu WTP	Treated	Clear/<5	<5	8.0	356	102	124	0.1	0.02	7.68	0.8	0	Satisfactory
67	2077/07/28	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.2	38	14	12	0.1	0.02	5.76	0.4	0	Satisfactory
68	2077/07/28	Mahankalchaur	Mahankalchaur WTP	Treated	Clear/<5	<5	7.2	44	14	14	0.1	0.02	5.76	0.1	0	Satisfactory
69	2077/07/29	Maharajgunj	Bansbari WTP	Treated	Clear/<5	<5	7.1	36	12	10	0.1	0.02	5.76	0.5	0	Satisfactory