KATHMANDU UPATYAKA KHANEPANI LIMITED

Water / Waste Water Quality Assurance Division , Mahankalchaur Laboratory Record Of Chemical & Bacteriological Analysis Of Water Kartik 2074

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
Units				\longrightarrow	(NTU)	(TCU)		μs/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	100/ml	
Natio	nal Drinking \	Water Quality Standa	ard (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	2074/07/01	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5.0	<5.0	7.3	38	14	12	0.1	0.02	5.76	0.50	NIL	Satisfactory
2	2074/07/01	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.5	33	10	10	0.1	0.02	5.76	0.50	NIL	Satisfactory
3		Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.7	30	10	10	0.1	0.02	5.76	0.50	NIL	Satisfactory
4			Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.5	32	12	10	0.1	0.02	5.76	0.50	NIL	Satisfactory
5			Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.4	29	10	10	0.1	0.02	5.76	0.70	NIL	Satisfactory
6		, ,	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.7	28	10	10	0.1	0.02	5.76	0.70	NIL	Satisfactory
7		Mahankalchaur	Mahankalchaur W.T.P		Clear/<5.0	<5.0	8.2	59	18	16	0.1	0.02	9.76	0.60	NIL	Satisfactory
8	2074/07/06	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.5	32	10	10	0.1	0.02	5.76	0.70	NIL	Satisfactory
9	2074/07/06	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5.0	<5.0	7.1	44	16	14	0.1	0.02	9.6	0.46	NIL	Satisfactory
10			Bode W.T.P	Treated	Clear/<5.0	<5.0	7.2	207	96	78	0.3	1.60	17.2	0.60	NIL	Satisfactory
11	2074/07/07	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.5	34	12	10	0.1	0.02	5.76	0.70	NIL	Satisfactory
12	2074/07/07	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5.0	<5.0	7.1	43	16	14	0.1	0.02	7.6	0.40	NIL	Satisfactory
13	2074/07/07		Sainbu W.T.P	Treated	Clear/<5.0	<5.0	7.7	228	112	110	0.1	0.02	7.68	0.54	NIL	Satisfactory
14	2074/07/08	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.4	31	12	10	0.1	0.02	5.76	0.60	NIL	Satisfactory
15	2074/07/08	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5.0	<5.0	7.3	47	20	16	0.1	0.02	5.76	0.30	NIL	Satisfactory
16	2074/07/09	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.3	35	12	12	0.1	0.02	5.76	0.70	NIL	Satisfactory
17			Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.6	34	14	12	0.1	0.02	5.76	0.80	NIL	Satisfactory
18		,0 ,	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.3	33	12	12	0.1	0.02	5.76	0.70	NIL	Satisfactory
19			Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.5	38	14	12	0.1	0.02	7.68	0.80	NIL	Satisfactory
20	2074/07/12	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5.0	<5.0	7.2	46	20	18	0.1	0.02	5.76	0.68	NIL	Satisfactory
21	2074/07/12		Sainbu W.T.P	Treated	Clear/<5.0	<5.0	7.6	247	118	120	0.1	0.02	7.68	0.50	NIL	Satisfactory
22		/	Bode W.T.P	Treated	Clear/<5.0	<5.0	7.3	210	94	76	0.1	1.8	15.3	0.70	NIL	Satisfactory
23	2074/07/13	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.3	34	14	12	0.1	0.02	7.68	0.70	NIL	Satisfactory
24		Mahankalchaur	Mahankalchaur W.T.P		Clear/<5.0	<5.0	7.1	45	16	14	0.1	0.02	7.68	0.65	NIL	Satisfactory
25		Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.5	32	12	10	0.1	0.02	5.76	0.70	NIL	Satisfactory
26	1 1	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5.0	<5.0	7.4	51	18	16	0.1	0.02	7.68	0.60	NIL	Satisfactory
27	2074/07/15	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.6	28	10	10	0.1	0.02	5.76	0.70	NIL	Satisfactory

28	2074/07/15	Madhyapur Thimi	Rode W T P	Treated	Clear/<5.0	<5.0	7.2	215	98	90	0.2	1.4	11.52	0.50	NIL	Satisfactory
29	2074/07/15				Clear/<5.0	<5.0	7.6	248	118	112	0.2	0.02	7.68	0.60	NIL	Satisfactory
30		Mahankalchaur			Clear/<5.0	<5.0	7.2	57.0	20	16	0.1	0.02	7.68	0.66	NIL	Satisfactory
31		Mahankalchaur	Mahankalchaur W.T.P		-	<5.0	7.2	45	16	14	0.1	0.02	7.68	0.50	NIL	Satisfactory
32	, ,	Maharajgunj		Treated	•	<5.0	7.2	29	12	10	0.1	0.02	5.76	0.30	NIL	Satisfactory
33		Maharajgunj			Clear/<5.0	<5.0	7.6	28	10	10	0.1	0.02	5.76	0.60	NIL	Satisfactory
34		Mahankalchaur	Mahankalchaur W.T.P		Clear/<5.0	<5.0	7.3	37	14	10	0.1	0.02	5.76	0.40	NIL	Satisfactory
35		Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.7	30	12	10	0.1	0.02	5.76	0.70	NIL	Satisfactory
36		Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.6	33	12	12	0.1	0.02	5.76	0.70	NIL	Satisfactory
37		Mahankalchaur	Mahankalchaur W.T.P			<5.0	7.3	36	14	12	0.1	0.02	7.68	0.50	NIL	Satisfactory
38	2074/07/19				Clear/<5.0		7.9	241	116	108	0.1	0.02	5.76	0.60	NIL	Satisfactory
39		Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.4	35	14	12	0.1	0.02	5.76	0.70	NIL	Satisfactory
40		Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0		7.5	35	14	12	0.1	0.02	5.76	0.70	NIL	Satisfactory
41		Mahankalchaur	Mahankalchaur W.T.P		Clear/<5.0	<5.0	7.9	38	16	14	0.1	0.02	5.76	0.79	NIL	Satisfactory
42		Madhyapur Thimi			Clear/<5.0	<5.0	6.9	226	102	88	0.1	1.8	13.44	0.70	NIL	Satisfactory
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43		Mahankalchaur	Mahankalchaur W.T.P		Clear/<5.0	<5.0	7.3	43	16	14	0.1	0.02	5.76	0.50	NIL	Satisfactory
44		Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.7	38	16	12	0.1	0.02	5.76	0.70	NIL	Satisfactory
45	2074/07/22				Clear/<5.0	<5.0	7.7	238	114	108	0.1	0.02	7.68	0.70	NIL	Satisfactory
46		Maharajgunj			Clear/<5.0	<5.0	7.4	29	12	10	0.1	0.02	5.76	0.70	NIL	Satisfactory
47		Mahankalchaur	Mahankalchaur W.T.P			<5.0	7.3	36	16	12	0.1	0.02	5.76	0.57	NIL	Satisfactory
48		Madhyapur Thimi			Clear/<5.0		6.9	207	98 12	86 10	0.3	0.02	11.5	0.60	NIL	Satisfactory
49		Maharajgunj			Clear/<5.0	<5.0	7.3	28			0.1	0.02	5.76	0.70	NIL	Satisfactory
50		Mahankalchaur	Mahankalchaur W.T.P		Clear/<5.0	<5.0	6.9	41	16	12	0.1	0.02	5.76	0.50	NIL	Satisfactory
51		Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.5	32	14	12	0.1	0.02	5.76	0.60	NIL	Satisfactory
52	1 1	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.4	35	16	14	0.1	0.02	5.76	0.70	NIL	Satisfactory
53		Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5.0	<5.0	7.2	38	16	14	0.1	0.02	5.76	0.51	NIL	Satisfactory
54	2074/07/26		Sainbu W.T.P		Clear/<5.0	<5.0	7.6	241	116	110	0.1	0.02	7.68	0.54	NIL	Satisfactory
55		Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.4	34	14	14	0.1	0.02	5.76	0.70	NIL	Satisfactory
56		Mahankalchaur	Mahankalchaur W.T.P	Treated	· · · · · · · · · · · · · · · · · · ·	<5.0	6.9	36	16	14	0.1	0.02	5.76	0.62	NIL	Satisfactory
57	2074/07/28	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5.0	<5.0	7.5	33	14	12	0.1	0.02	5.76	0.60	NIL	Satisfactory
58	2074/07/28	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5.0	<5.0	7.4	45	18	16	0.1	0.02	5.76	0.56	NIL	Satisfactory
59	2074/07/29	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5.0	<5.0	6.9	41	18	14	0.1	0.02	5.76	0.54	NIL	Satisfactory
60		Maharajgunj	Bansbari W.T.P		Clear/<5.0	<5.0	7.5	32	14	14	0.1	0.02	5.76	0.70	NIL	Satisfactory
61		Madhyapur Thimi			Clear/<5.0	<5.0	6.6	210	96	74	0.2	1.8	9.6	0.60	NIL	Satisfactory
62		Maharajgunj	Bansbari W.T.P		Clear/<5.0	<5.0	7.6	31	14	12	0.1	0.02	5.76	0.70	NIL	Satisfactory
63	1 1	Mahankalchaur	Mahankalchaur W.T.P		Clear/<5.0	<5.0	7.1	39	16	14	0.1	0.02	7.68	0.53	NIL	Satisfactory
64	2074/07/30				Clear/<5.0	<5.0	7.7	234	116	104	0.1	0.02	5.76	0.50	NIL	Satisfactory
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