## KATHMANDU UPATYAKA KHANEPANI LIMITED

## Water / Waste Water Quality Assurance Division , KIRTIPUR Laboratory Record Of Chemical & Bacteriological Analysis Of Water Jestha 2071

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 Colifroms	Remarks
		l	Jnits -	$\xrightarrow{\perp}$	(NTU)	(TCU)		μs/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	100/ml	
			5 (10)	5 (15)	6.5-8.5	1500		500	0.3 (3)		250	0.1-0.2	0 in 95% Samples			
1	2071/02/01	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	108	54	30	0.1	0.02	5.76	0.5	Nil	Satisfactory
2	2071/02/02	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.3	28	14	10	0.1	0.02	5.76	0.25	Nil	Satisfactory
3	2071/02/02	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	94	46	30	0.1	0.02	5.76	0.4	Nil	Satisfactory
4	2071/02/02	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	7.8	240	120	130	0.1	0.02	5.76	0.5	Nil	Satisfactory
5	2071/02/02	Madhayapur Thimi	Bode W.T.P.	Treated	Clear/<5	<5	6.7	180	72	76	0.3	0.02	7.68	0.3	Nil	Satisfactory
6	2071/02/03	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.1	30	14	12	0.1	0.02	5.76	0.3	Nil	Satisfactory
7	2071/02/05	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.1	58	28	20	0.3	0.02	5.76	0.6	Nil	Satisfactory
8	2071/02/06	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	100	50	30	0.1	0.02	5.76	0.5	Nil	Satisfactory
9	2071/02/07	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	7.8	240	120	130	0.1	0.02	7.68	0.7	Nil	Satisfactory
10	2071/02/07	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	104	50	30	0.1	0.02	5.76	0.6	Nil	Satisfactory
11	2071/02/07	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.3	28	12	10	0.1	0.02	3.8	0.3	Nil	Satisfactory
12	2071/02/08	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.4	96	48	30	0.1	0.02	5.76	0.4	Nil	Satisfactory
13	2071/02/09	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	100	50	30	0.1	0.02	5.76	0.5	Nil	Satisfactory
14	2071/02/10	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	100	50	30	0.1	0.02	5.76	0.5	Nil	Satisfactory
15	2071/02/11	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	102	50	30	0.1	0.02	5.76	0.4	Nil	Satisfactory
16	2071/02/11	mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.2	36	18	16	0.2	0.02	5.76	0.4	Nil	Satisfactory
17	2071/02/11	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	7.7	242	120	140	0.1	0.02	7.68	0.4	Nil	Satisfactory
18	2071/02/12	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	104	52	30	0.1	0.02	5.76	0.6	Nil	Satisfactory
19	2071/02/13	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.2	96	48	30	0.1	0.02	5.76	0.5	Nil	Satisfactory

Mahankalchaur   Mahankalchaur   Mahankalchaur   M.P.P   Treated   Clear/c5   c5   7.0   100   50   50   0.1   0.02   5.76   0.7   Nil   Satisfactory   Clear/c5   c5   7.0   100   50   50   0.1   0.02   5.76   0.6   Nil   Satisfactory   Clear/c5   c5   7.9   250   124   140   0.1   0.02   5.76   0.6   Nil   Satisfactory   Clear/c5   c5   7.9   250   124   140   0.1   0.02   5.76   0.5   Nil   Satisfactory   Clear/c5   c5   7.9   250   124   140   0.1   0.02   5.76   0.5   Nil   Satisfactory   Clear/c5   c5   c5   c5   c5   c5   c5   c5	20	2071/02/14											0.02	5.76		Nil	
22   2071/02/14   Lalitgur   Sainbu W.T.P   Treated   Clear/<5   <5   7.9   250   124   140   0.1   0.02   5.76   0.6   Ni   Satisfactory		- ,- ,	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.2	36	16	14	0.1			0.4		Satisfactory
23   2071/02/14   Madhayapur   Treated   Clear/<5   5   6.8   152   72   72   72   72   72   72   72	21	2071/02/14	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.0	100	50	30	0.1	0.02	5.76	0.7	Nil	Satisfactory
Thim:   Sode W.T.P.   Treated   Clear/c5   Clear   C	22	2071/02/14	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	7.9	250	124	140	0.1	0.02	5.76	0.6	Nil	Satisfactory
Section   Color   Co	23	2071/02/14				Clear/<5	<b>&lt;</b> 5						0.02				
25   2071/02/15   Maharajgunj   Bansbari W.T.P   Treated   Clear/-5   -5   -7.3   102   50   30   0.1   0.02   5.76   0.6   Nil   Satisfactory		2074/20/47		Bode W.T.P.	Treated	·							0.00				Satisfactory
26   2071/02/11   Maharajgunj   Bansbari W.T.P   Treated   Clear/c5   c5   c5   c5   c5   c5   c5   c5			Maharajgunj	Bansbari W.T.P	Treated	Clear/<5		7.3	40	20	16	0.3			0.5	Nil	Satisfactory
27			Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	102	50	30	0.1			0.6	Nil	Satisfactory
28   2071/02/19   Madhayapur   Treated   Clear/<5   5   6.7   154   68   60   0.3   0.02   7.68   0.3   Nill   Satisfactory			Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.4	96	48	30	0.1			0.4	Nil	Satisfactory
Thimi	27		,. ,	Bansbari W.T.P	Treated	Clear/<5	<5	7.5	98	46	30	0.1		5.76	0.5		Satisfactory
29   2071/02/19   Mahankalchaur   Mahankalch	28	2071/02/19	• •	Dodo W.T.D	Troated	Clear/<5	<5	6.7	154	60	60	0.2	0.02	7.60	0.2	Nil	Caticfactory
30   2071/02/19   Maharajgurij   Bansbari W.T.P   Treated   Clear/<5   5   7.4   56   26   20   0.1   0.02   5.76   0.5   Nii   Satisfactory	29	2071/02/19				Cloar/cE	∠E	-					0.02			Nil	
Section   Sect			<del>                                     </del>				_										-
Sample W.T.P.   Treated   Clear/s   Sample W.T.P.   Treated   Cl			,,,,				_										-
33   2071/02/21   Mahankalchaur   Mahankalchaur   M.T.P   Treated   Clear/s   5   7.3   32   16   14   0.2   0.02   5.76   0.5   Nil   Satisfactory   34   2071/02/22   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.4   94   46   32   0.1   0.02   5.76   0.6   Nil   Satisfactory   35   2071/02/22   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.3   100   50   32   0.1   0.02   5.76   0.5   Nil   Satisfactory   37   2071/02/23   Lalitpur   Sainbu   W.T.P   Treated   Clear/s   5   7.9   260   130   140   0.1   0.02   5.76   0.6   Nil   Satisfactory   37   2071/02/23   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.3   96   44   30   0.1   0.02   5.76   0.6   Nil   Satisfactory   38   2071/02/24   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.4   102   50   32   0.1   0.02   5.76   0.6   Nil   Satisfactory   39   2071/02/25   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.2   104   52   32   0.1   0.02   5.76   0.6   Nil   Satisfactory   40   2071/02/25   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.1   32   16   14   0.2   0.02   5.76   0.6   Nil   Satisfactory   42   2071/02/25   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.1   32   16   14   0.2   0.02   5.76   0.6   Nil   Satisfactory   42   2071/02/25   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.1   32   16   14   0.2   0.02   5.76   0.5   Nil   Satisfactory   43   2071/02/26   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.1   32   16   14   0.2   0.02   5.76   0.5   Nil   Satisfactory   44   2071/02/28   Lalitpur   Sainbu   W.T.P   Treated   Clear/s   5   7.3   108   54   30   0.1   0.02   5.76   0.4   Nil   Satisfactory   45   2071/02/28   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.4   102   50   30   0.1   0.02   5.76   0.4   Nil   Satisfactory   47   2071/02/28   Maharajgunj   Bansbari   W.T.P   Treated   Clear/s   5   7.4   102   50   30   0.1   0.02   5.76   0.5   Nil   Satisfactory   47   2071/02/29   Maharajgunj   Bans				<del> </del>			_										
2071/02/21   Maharajgunj   Bansbari W.T.P   Treated   Clear/<5   <5   7.4   94   46   32   0.1   0.02   5.76   0.6   Nil   Satisfactory						· ·	_										
Second Color   Seco							_										,
School   S			,,,,				-		_			-					-
2071/02/23   Maharajgunj   Bansbari W.T.P   Treated   Clear/<5   <5   7.3   96   44   30   0.1   0.02   5.76   0.4   Nil   Satisfactory			75 7			, -						-					Satisfactory
38   2071/02/24   Maharajgunj   Bansbari W.T.P   Treated   Clear/<5   <5   7.4   102   50   32   0.1   0.02   5.76   0.6   Nil   Satisfactory			Lalitpur		Treated			7.9						7.68	0.6	Nil	Satisfactory
Madhayapur   Bode W.T.P.   Treated   Clear/<5   S   6.8   180   60   76   0.3   0.02   7.68   0.4   Nil   Satisfactory		2071/02/23	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	96	44	30	0.1		5.76	0.4	Nil	Satisfactory
2071/02/25   Thimi   Bode W.T.P.   Treated   Clear/<5   <5   6.8   180   60   76   0.3     7.68   0.4   Nil   Satisfactory		2071/02/24	,. ,	Bansbari W.T.P	Treated	Clear/<5	<5	7.4	102	50	32	0.1		5.76	0.6	Nil	Satisfactory
40 2071/02/25 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.2 104 52 32 0.1 0.02 5.76 0.6 Nil Satisfactory 41 2071/02/25 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 30 0.1 0.02 5.76 0.5 Nil Satisfactory 42 2071/02/27 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 100 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 43 2071/02/28 Lalitpur Sainbu W.T.P Treated Clear/<5 <5 7.9 250 124 140 0.1 0.02 7.68 0.6 Nil Satisfactory 45 2071/02/28 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 102 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 46 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 102 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 47 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 47 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 48 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 49 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 40 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 40 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 34 0.1 0.02 5.76 0.6 Nil Satisfactory	39	2071/02/25		Bode W.T.P.	Treated	Clear/<5	<5	6.8	180	60	76	0.3	0.02	7 68	0.4	Nil	Satisfactory
41 2071/02/25 Mahankalchaur Mahankalchaur W.T.P Treated Clear/<5 <5 7.1 32 16 14 0.2 5.76 0.2 Nil Satisfactory 42 2071/02/26 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 30 0.1 0.02 5.76 0.5 Nil Satisfactory 43 2071/02/27 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 100 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 44 2071/02/28 Lalitpur Sainbu W.T.P Treated Clear/<5 <5 7.9 250 124 140 0.1 0.02 7.68 0.6 Nil Satisfactory 45 2071/02/28 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 102 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 46 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 47 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 34 0.1 0.02 5.76 0.6 Nil Satisfactory	40					Clear/<5	<5				-		0.02				· ·
2071/02/25 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 30 0.1 0.02 5.76 0.5 Nil Satisfactory 42 2071/02/27 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 100 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 43 2071/02/28 Lalitpur Sainbu W.T.P Treated Clear/<5 <5 7.4 100 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 45 2071/02/28 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 102 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 46 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 47 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 48 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 49 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 40 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 34 0.1 0.02 5.76 0.6 Nil Satisfactory	41	2071/02/23	Wanaragang	24.100411 111111	Treated			7.2	104	32	32	0.1	0.02	3.70	0.0	1411	Satisfactory
43 2071/02/27 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 100 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 44 2071/02/28 Lalitpur Sainbu W.T.P Treated Clear/<5 <5 7.9 250 124 140 0.1 0.02 7.68 0.6 Nil Satisfactory 45 2071/02/28 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 102 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 46 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 47 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 34 0.1 0.02 5.76 0.6 Nil Satisfactory		2071/02/25	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.1	32	16	14	0.2		5.76	0.2	Nil	Satisfactory
44 2071/02/28 Lalitpur Sainbu W.T.P Treated Clear/<5 <5 7.9 250 124 140 0.1 0.02 7.68 0.6 Nil Satisfactory 45 2071/02/28 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 102 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 46 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 47 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 34 0.1 0.02 5.76 0.6 Nil Satisfactory	42	2071/02/26	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	108	54	30	0.1	0.02	5.76	0.5	Nil	Satisfactory
45 2071/02/28 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 102 50 30 0.1 0.02 5.76 0.4 Nil Satisfactory 46 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 47 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 34 0.1 0.02 5.76 0.6 Nil Satisfactory	43	2071/02/27	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.4	100	50	30	0.1	0.02	5.76	0.4	Nil	Satisfactory
46 2071/02/29 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.4 104 52 32 0.1 0.02 5.76 0.5 Nil Satisfactory 47 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 34 0.1 0.02 5.76 0.6 Nil Satisfactory	44	2071/02/28	Lalitpur	Sainbu W.T.P	Treated	Clear/<5	<5	7.9	250	124	140	0.1	0.02	7.68	0.6	Nil	Satisfactory
47 2071/02/30 Maharajgunj Bansbari W.T.P Treated Clear/<5 <5 7.3 108 54 34 0.1 0.02 5.76 0.6 Nil Satisfactory	45	2071/02/28	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.4	102	50	30	0.1	0.02	5.76	0.4	Nil	Satisfactory
20/1/02/30 Internal part visit internal part v	46	2071/02/29	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.4	104	52	32	0.1	0.02	5.76	0.5	Nil	Satisfactory
48 2071/02/20 Mahankalchaur Mahankalchaur W.T.P. Treated Clear/<5 <5 7.3 32 16 14 0.1 0.02 5.76 0.4 Nill Satisfactory	47	2071/02/30	Maharajgunj	Bansbari W.T.P	Treated	Clear/<5	<5	7.3	108	54	34	0.1	0.02	5.76	0.6	Nil	Satisfactory
2- 120/1/02/30 [Miditalikalchada   Miditalikalchada   William   William   Miditalikalchada   William   Wil	48	2071/02/30	Mahankalchaur	Mahankalchaur W.T.P	Treated	Clear/<5	<5	7.3	32	16	14	0.1	0.02	5.76	0.4	Nil	Satisfactory