

नेपाल सरकार
शहरी विकास मन्त्रालय
अधिकार सम्पन्न बागमती सभ्यता एकीकृत विकास समिति
गुहेश्वरी फाँट, काठमाण्डौ ।

बागमती नदी तथा यसका सहायक नदीका विभिन्न स्थानमा पानीको नमूना लिई यस समितिको प्रयोगशालामा परीक्षण गर्दा तपसिलमा उल्लेख गरिएका गुणस्तर रहेको जानकारीको लागि प्रकाशित गरिएको छ ।

River water quality analysis report Shrawan 2083

Bagmati River

Sampling date	Parameters	pH	Turbidity (NTU)	TSS mg/l	TDS mg/l	DO mg/l	BOD ₅ mg/l	COD _{cr} mg/l	Fecal coliform C.F.U/100 ml	Total Phosphate mg/l
	Sampling sites									
2083.04.18 (03.08.2026)	Sundarijal	8.16	14	12	46	9.0	2	10	280	0.02
	Gokarna	7.56	57	62	104	8.6	8	22	40x10 ²	0.16
	Jorpati	7.60	88	104	181	6.1	12	30	78x10 ²	0.24
	Guheswori	7.49	47	56	162	6.0	9	20	96x10 ²	0.22
	Aryaghat	7.44	77	62	148	7.9	7	21	51x10 ²	0.18
2083.04.19 (04.08.2026)	Minbhavan	7.52	100	154	214	6.5	36	62	38x10 ³	0.31
	Manohara and Bagmati Confluence	7.34	284	306	228	4.9	32	50	42x10 ³	0.42
	Thapathali	7.42	470	434	268	4.3	41	74	40x10 ³	0.48
	Bagmati and Bishnumati confluence	7.49	489	456	230	3.8	39	58	51x10 ³	0.32
	Sundarighat	7.53	468	396	280	4.4	48	85	64x10 ³	0.45
	Chovar	7.61	424	388	254	6.3	44	71	56x10 ³	0.41

Dhobikhola River

Sampling date: 2083.04.21 (06.08.2026)

Parameters Sampling sites	pH	Turbidity (NTU)	TSS mg/l	TDS mg/l	DO mg/l	BOD ₅ mg/l	COD _{cr} mg/l	Fecal coliform C.F.U/100 ml	Total Phosphate mg/l
Chapali	7.84	26	18	72	7.4	10	26	12x10 ²	0.12
Ekatabasti	7.66	81	68	114	5.5	18	34	59x10 ²	0.26
Gopikrishna	7.54	113	84	215	3.2	47	68	43x10 ³	0.58
Ratopul	7.62	246	224	238	2.3	86	132	67x10 ³	0.73
Buddhanagar	7.45	123	112	220	2.8	82	140	42x10 ³	0.62
Dhobikhola and Bagmati confluence	7.51	159	164	186	4.1	43	74	38x10 ³	0.48

Bishnumati River

Sampling date : 2083.04.28 (13.08.2026)

Parameters Sampling sites	pH	Turbidity (NTU)	TSS mg/l	TDS mg/l	DO mg/l	BOD ₅ mg/l	COD _{cr} mg/l	Fecal coliform C.F.U/100 ml	Total Phosphate mg/l
Budhanilkantha	8.61	16	13	58	5.8	3	12	88x10 ¹	0.05
Tokha	8.01	84	50	181	4.5	52	76	52x10 ³	0.47
Mahadev khola	7.84	171	110	262	1.1	64	99	48x10 ³	0.51
Mahadev khola and Bishnumati confluence	7.93	166	102	195	2.4	50	110	40x10 ³	0.49
Khusibu	7.74	193	128	231	1.5	66	124	68x10 ³	0.63
Teku	7.56	292	184	560	0.1	96	168	72x10 ³	1.02

Nakkhu River

Sampling date: 2083.04.26 (11.08.2026)

Parameters Sampling sites	pH	Turbidity (NTU)	TSS mg/l	TDS mg/l	DO mg/l	BOD ₅ mg/l	COD _{cr} mg/l	Fecal coliform C.F.U/100 ml	Total Phosphate mg/l
Near asphalt plant	8.54	808	778	136	7.6	6	10	12x10 ²	0.11
Kantipur colony	8.63	831	700	120	6.3	5	12	10x10 ²	0.16
Ranibu bridge	8.14	539	470	148	6.8	11	32	15x10 ²	0.21
Confluence of Bagmati and Nakkhu	8.02	528	445	212	5.2	27	56	16x10 ³	0.31

Tukucha River

Sampling date: 2083.04.19(04.08.2026)

Parameters Sampling sites	pH	Turbidity (NTU)	TSS mg/l	TDS mg/l	DO mg/l	BOD ₅ mg/l	COD _{cr} mg/l	Fecal coliform C.F.U/100 ml	Total Phosphate mg/l
Putalisadak	7.74	148	204	224	1.1	104	184	58x10 ³	0.54
Kalmochan ghat	7.63	163	174	268	2.0	82	152	42x10 ³	0.66
Tukucha and Bagmati confluene	7.59	159	156	232	2.3	74	112	34x10 ³	0.42

Hanumante River

Sampling date: 2083.04.29 (14.08.2026)

Parameters Sampling sites	pH	Turbidity (NTU)	TSS mg/l	TDS mg/l	DO mg/l	BOD ₅ mg/l	COD _{cr} mg/l	Fecal coliform C.F.U/100 ml	Total Phosphate mg/l
Gonsa	8.02	45	32	104	7.0	7	18	12x10 ²	0.13
Bramayani ghat	8.14	37	40	118	7.1	9	22	14x10 ²	0.16
Bhadra khola	7.56	108	92	186	5.3	19	38	18x10 ³	0.25
Bira khola	7.42	47	38	214	3.9	80	148	50x10 ³	0.64
Chuping ghat	7.61	63	70	226	2.6	52	110	22x10 ³	0.38
Kasan khola – Hanumante confluence	7.44	83	76	204	1.4	54	92	14x10 ³	0.32
Ghattekholā –Hanumante confluence	7.86	216	164	274	2.6	64	96	27x10 ³	0.54
Godavari khola- Hanumante confluence	7.72	73	64	220	1.2	36	56	48x10 ³	0.46
Manohara - Hanumante confluence	7.68	41	55	248	2.3	51	82	52x10 ³	0.52