

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 2081

Bagmati River

Sampling date	Sampling site	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
2081.04.15 (30.07.2024)	Sundarijal	7.14	6	12	30	8.5	1	8	45x10 ¹	0.08
	Gokarna	7.42	67	71	146	7.7	12	28	39x10 ³	0.24
	Jorpati	7.23	81	108	180	6.1	15	38	72x10 ³	0.36
	Guheswori	7.36	62	78	164	5.4	16	30	58x10 ³	0.40
	Aryaghat	7.45	91	112	150	5.8	18	40	81x10 ³	0.45
2081.04.21 (05.08.2024)	Minbhavan	7.24	68	56	136	0.7	79	162	47x10 ⁴	1.12
	Manohara and Bagmati Conflumce	7.38	85	92	162	0.8	64	136	63x10 ⁴	1.02
	Thapathali	7.42	60	72	154	2.9	96	172	71x10 ⁴	1.20
	Bagmati and Bishnumati confluence	7.36	55	68	192	1.4	82	147	82x10 ⁴	1.10
	Sundarighat	7.30	92	119	293	0.8	88	154	66x10 ⁴	0.82
	Chovar	7.21	53	72	264	4.5	74	140	51x10 ⁴	0.93

Dhobikhola

Sampling date: 2081.04.17 (01.08.2024)

Sampling site	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	7.26	15	28	75	7.2	6	14	19x10 ²	0.14
Yakatabasti	7.44	34	43	118	5.9	14	26	54x10 ³	0.32
Gopikrishna	7.38	78	84	188	2.0	47	81	78x10 ⁴	1.14
Ratopul	7.65	69	71	209	0.6	63	102	81x10 ⁴	1.76
Buddhanagar	7.58	65	77	235	0.3	43	100	54x10 ⁴	1.22
Dhobikhola and Bagmati confluence	7.78	126	179	189	1.7	34	61	28x10 ⁴	0.93

Bishnumati

Sampling date: 2081.04.23 (07.08.2024)

Sampling site	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	7.09	14	36	68	7.9	5	18	30x10 ²	0.11
Tokha	7.26	41	48	206	2.7	61	116	41x10 ³	0.98
Mahadev khola	7.34	139	214	268	0.6	84	155	96x10 ⁴	1.04
Mahadev khola and Bishnumati confluence	7.41	84	120	224	0.8	66	125	28x10 ⁴	0.76
Khusibu	7.52	118	90	213	0.9	88	184	56x10 ⁴	0.88
Teku	7.43	106	94	204	1.0	96	172	78x10 ⁴	0.82

Nakkhu

Sampling date: 2081.04.29 (13.08.2024)

Sampling site	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	7.87	140	220	178	7.9	7	16	18x10 ²	0.14
Kantipur colony	8.14	281	362	153	7.7	6	19	22x10 ²	0.12
Ranibu bridge	7.68	191	242	146	5.8	17	36	30x10 ³	0.22
Confluence of Bagmati and Nakkhu	7.54	80	136	221	4.4	50	93	59x10 ⁴	0.48

Tukucha

Sampling date: 2081.04.25 (09.08.2024)

Sampling site	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	7.64	130	164	214	0.3	74	134	29x10 ⁵	2.10
Kalmochan ghat	7.53	113	142	190	0.9	78	113	13x10 ⁵	2.50
Tukucha and Bagmati confluence	7.48	132	154	184	2.9	52	93	85x10 ⁴	0.65

Hanumante

Sampling date: 2081.04.32 (16.08.2024)

Sampling site	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
Gonsal	7.11	22	30	84	7.7	6	13	22x10 ²	0.12
Bramayani ghat	7.06	21	33	116	6.6	9	17	38x10 ²	0.09
Madhu khola	7.24	64	74	154	4.9	16	28	81x10 ³	0.15
Bira khola	7.42	35	56	168	3.8	33	55	93x10 ³	0.21
Chuping ghat	7.33	53	72	212	2.9	38	60	31x10 ⁴	0.68
Kasan khola – Hanumante confluence	7.46	48	62	264	0.6	46	82	55x10 ⁴	0.77
Ghattekhola –Hanumante confluence	7.38	67	76	228	1.3	39	63	67x10 ⁴	0.56
Godavari khola+Hanumante confluence	7.56	44	68	219	1.0	43	72	80x10 ⁴	0.44
Manohara +Hanumante confluence	7.5	40	55	230	2.7	40	68	77x10 ⁴	0.58