

**WATER QUALITY CHARACTERISTICS OF DHELA RIVER U/S AT KASHIPUR
MORADABAD ROAD BRIDGE.**

Month	pH	BOD mg/L	COD mg/L	Conductivity µmhos/cm	Temp °C	DO mg/L	TDS mg/L
2021							
Jan-21	7.90	5.0	24	460	19	8.10	298
Feb-21	7.90	4.0	10	410	12	4.80	255
Mar-21	River Dry						
Apr-21							
May-21	7.10	29	102	769	21	1.1	591
June-21	7.50	22	98	756	23	2.0	506
July-21	7.50	10	36	420	27	2.50	282
2020							
Jan-20	7.4	10	30	442	8.0	7.8	287
Feb-20	7.66	15	35	520	30	4.6	248
Mar-20	8.4	4	30	380	30	5.8	380
Apr-20	7.5	4	16			7.7	
May-20	8.0	4.0	24	316	30	6.1	219
June-20	8.0	8.0	32	240	36	3.5	171
July-20	7.8	5.6	36	280	28	3.4	189
Aug-20	7.41	5.8	22	256	30	6.8	128
Sep-20	7.51	5.70	20	250	30	6.9	129
Oct-20	7.80	5.2	26	340	27	4.0	200
Nov-20	7.6	5.5	25	326	18	3.9	228
Dec-20	7.2	5.9	29	485	12	3.9	338
Average	7.69	6.56	27.08	348.64	25.36	5.37	228.82
Min-Max	(7.2-8.4)	(4-15)	(16-36)	(240-520)	(8-36)	(3.4-7.8)	(128-380)
2019							
Jan-19	7.20	3.2	16	230	12	7.40	152
Feb-19	7.6	4.2	18	256	13	7.6	191
Mar-19	7.5	1.8	30	598	23	6.8	122
Apr-19	7.4	5.0	32	280	28	5.8	182
May-19	River Dry						
June-19	River Dry						
July-19	7.4	6.0	30	284	30	3.6	185
Aug-19	7.2	4.0	25	300	30	5.8	153
Sep-19	7.10	4.0	30	167	30	1.2	109
Oct-19	7.20	14.0	28	278	30	6.20	181
Nov-19	7.80	12	30	291	24	5.0	195
Dec-19	7.2	15	20	223	12	6.0	173
Average	7.36	6.92	25.90	290.70	23.20	5.54	164.30
Min-Max	(7.1-7.8)	(1.8-15)	(16-32)	(167-598)	(12-30)	(1.2-7.6)	(109-195)
2018							
Jan-18	7.2	12	38	270	17.2	5.2	182
Feb-18	7.4	4	18	280	23.2	6.4	177
Mar-18	7.3	8	26	280	28.2	5.4	180
Apr-18	River Dry						
May-18	River Dry						
Jun-18	River Dry						
Jul-18	River Dry						
Aug-18	7.4	8	24	290	29	6.2	192
Sep-18	7.1	7.2	20	300	28	6.2	196
Oct-18	7.2	8	30	280	26	5.6	182

Nov-18	7.3	8	18	310	23	4.6	202
Dec-18	7.4	4	10	230	16	6.4	146
Average	7.28	7.4	23	280	23.82	5.75	182.12
Min-Max	(7.1-7.4)	(4-12)	(10-38)	(270-300)	(16-29)	(4.6-6.4)	(146-202)

**WATER QUALITY CHARACTERISTICS OF DHELA RIVER D/S AT THAKURDWARA
ALIGANJ ROAD, US NAGAR**

Month	pH	BOD mg/L	COD mg/L	Conductivity µmhos/cm	Temp °C	DO mg/L	TDS mg/L
2021							
Jan-21	7.30	56	180	900	13	0.80	675
Feb-21	7.90	42	124	920	24	0.20	602
Mar-21	7.80	44	132	940	22	0.10	620
Apr-21	7.40	39	121	963	23	0.50	642
May-21	7.80	34	116	930	22	0.80	631
June-21	7.90	32	112	900	22	1.0	616
July-21	6.90	28	200	810	27	1.0	554
2020							
Jan-20	7.3	14	60	541	8.0	3.4	352
Feb-20	7.18	14	66	510	30	0.30	389
Mar-20	7.9	26	150	650	30	0.4	387
Apr-20	7.1	20	100			2	
May-20	Sample not collected due to COVID-19						
June-20							
July-20							
Aug-20							
Sep-20	7.31	15	47	420	30	3.1	280
Oct-20	7.30	16	52	490	31	1.2	328
Nov-20	7.2	16	80	500	18	1.1	382
Dec-20	7.1	15	32	550	16	1.2	402
Average	7.31	16.89	71.89	508.88	24.13	1.77	350.25
Min-Max	(7.1-7.9)	(14-26)	(32-150)	(410-650)	(8-31)	(0.3-3.4)	(280-402)
2019							
Jan-19	7.90	12	38	720	13	2.4	474
Feb-19	7.4	10.6	34	649	14	2.2	421
Mar-19	7.9	12	49	830	24	1.8	122
Apr-19	7.5	12	42	480	28	2.6	256
May-19	River Dry						
June-19	River Dry						
July-19	7.4	12	28	389	31	1.8	407
Aug-19	7.6	12	60	270	31	0.8	142
Sep-19	6.8	60	170	176	31	0.0	115
Oct-19	7.4	26	60	387	30	0.4	252
Nov-19	7.20	18	150	704	25	0.20	472
Dec-19	7.4	16	50	223	12	3.4	150
Average	7.45	19.06	68.10	482.80	23.90	1.56	281.10
Min-Max	(6.8-7.9)	(10.6-60)	(28-170)	(176-830)	(12-31)	(0-3.4)	(115-474)
2018							
Jan-18	7.6	20	102	650	20	2.2	430
Feb-18	7.7	40	132	660	22.5	2.8	430
Mar-18	7.8	18	60	450	25.5	2.4	294
Apr-18	River Dry						
May-18							
Jun-18							
Jul-18							
Aug-18	7.1	20	74	140	28	3.8	268
Sep-18	6.9	18	60	430	28	2.8	282
Oct-18	7.2	16	58	380	26	2.2	246

Nov-18	7.2	20	58	440	23	2.6	286
Dec-18	6.7	22	60	600	18	2.2	377
Average	7.23	21.77	75.11	457.77	24.33	2.6	317.55
Min-Max	(6.7-7.8)	(16-40)	(58-132)	(140-660)	(18-28)	(2.2-3.8)	(245-430)