

## WATER QUALITY CHARACTERISTICS OF BHELLA RIVER U/S KASHIPUR, US NAGAR

Month	pH	BOD mg/L	COD mg/L	Conductivity µmhos/cm	Temp °C	DO mg/L	TDS mg/L
<b>2018</b>							
Jan-18	7.2	6	20	240	18	6.2	162
Feb-18	7.2	4	14	280	20.8	5.8	187
Mar-18	7.2	4.2	16	320	25	6.2	210
Apr-18	7.3	6	20	240	28.3	7	168
May-18	River Dry						
Jun-18	River Dry						
Jul-18	7.2	3.4	10	220	28	6	140
Aug-18	7.2	4	16	210	26	7.2	138
Sep-18	7.1	6	18	220	26	7.2	152
Oct-18	7.3	4	8.2	210	25	6.6	139
Nov-18	7.3	6.2	16	240	22	5.8	166
Dec-18	7.1	3.2	8	220	17	6.8	146
<b>Average</b>	<b>7.21</b>	<b>4.7</b>	<b>14.62</b>	<b>240</b>	<b>23.61</b>	<b>6.48</b>	<b>160.8</b>
<b>Min-Max</b>	(7.1-7.3)	(4-6.2)	(8-20)	(210-320)	(17-28.3)	(5.8-7.2)	(139-210)
<b>2019</b>							
Jan-19	7.10	2.0	6.20	240	12	7.20	158
Feb-19	7.4	1.5	5.8	251	14	6.2	136
Mar-19	7.8	1.8	30	430	20	3.2	320
Apr-19	7.3	2.0	6.2	212	28	4.8	159
May-19	River Dry						
June-19	7.5	3	28	540	38	4	177

**WATER QUALITY CHARACTERISTICS OF BHELLA RIVER AT LOHIA BRIDGE D/S  
KASHIPUR, US NAGAR**

Month	pH	BOD mg/L	COD mg/L	Conductivity µmhos/cm	Temp °C	DO mg/L	TDS mg/L
<b>2018</b>							
Jan-18	7.4	18	48	440	20	1.2	291
Feb-18	7.4	44	108	460	20.2	2.2	301
Mar-18	7.5	38	128	580	26.2	1.2	381
Apr-18	7.68	40	156	690	26	1.2	454
May-18	7.9	52	168	700	30	0.8	462
Jun-18	7.8	48	150	660	32	1.2	428
Jul-18	6.8	32	88	590	29	0.8	387
Aug-18	6.9	34	98	560	29	1.8	362
Sep-18	6.8	40	140	540	28	1.6	374
Oct-18	7.5	48	110	510	27	0	332
Nov-18	7.6	26	88	520	23	2.6	336
Dec-18	6.8	44	110	370	20	0.4	240
<b>Average</b>	<b>7.32</b>	<b>39.5</b>	<b>117.66</b>	<b>558.33</b>	<b>25.78</b>	<b>1.1</b>	<b>366.66</b>
<b>Min-Max</b>	<b>(6.8-7.9)</b>	<b>(18-52)</b>	<b>(48-168)</b>	<b>(370-700)</b>	<b>(20-32)</b>	<b>(0-2.6)</b>	<b>(240-462)</b>
<b>2019</b>							
Jan-19	6.80	48	120	570	13	0.80	367
Feb-19	7.3	42	102	556	13	0.4	334
Mar-19	6.3	5.6	160	750	21	0.2	510
Apr-19	7.5	42	110	540	28	0	349
May-19	6.8	44	120	560	36	0.2	398
June-19	7.3	20	60	660	38	0.2	422