

**WATER QUALITY CHARACTERISTICS OF RIVER NANDAUR U/S SITARGANJ
INDUSTRIAL AREA, US NAGAR**

Month	pH	BOD mg/L	COD mg/L	Conductivity µmhos/cm	Temp °C	DO mg/L	TDS mg/L
2018							
Jan-18							River Dry
Feb-18							River Dry
Mar-18							River Dry
Apr-18							River Dry
May-18							River Dry
Jun-18							River Dry
Jul-18	7.6	4.2	21	490	28	6.4	308
Aug-18	7.3	2	12	360	28	7.4	238
Sep-18	7.4	3.2	14	320	27	7.2	206
Oct-18	7.2	6	14	360	26	6.8	238
Nov-18	7.6	4	14	340	23	6.8	222
Dec-18							River Dry
Average	7.42	3.88	15	374	26.4	6.92	242.4
Min-Max	(7.2-7.6)	(2-4.2)	(12-21)	(320-490)	(23-28)	(6.4-7.4)	(206-308)
2019							
Jan-19							River Dry
Feb-19							River Dry
Mar-19							River Dry
Apr-19							River Dry
May-19							River Dry
June-19							River Dry
July-19							River Dry
Aug-19	7.4	12.0	30	260	30	4.0	104
Sep-19	7.3	4.0	40	200	30	5.0	130
Oct-19	7.5	3.8	10	175.38	30	6.2	114
Nov-19	8.2	7.0	20	183	23	6.0	123
Dec-19	7.2	3.8	30	201	12	6.0	135
2020							
Jan-20	7.3	8.0	20	209	10	6.2	146
Feb-20	7.78	9.0	28	310	29	6.6	111
Mar-20							Dry
Apr-20							Dry
May-20							Dry
June-20							Dry
July-20	8.5	5.4	32	200	32	3.0	133

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Month	pH	BOD mg/L	COD mg/L	Conductivity µmhos/cm	Temp °C	DO mg/L	TDS mg/L
2018							
Jan-18	7.6	4	24	350	18	8	236
Feb-18	8.1	8	46	390	23	7.6	253
Mar-18	7.7	2	20	360	26	7.2	229
Apr-18	7.38	7	18	270	27	6	166
May-18	7.46	8.2	40	370	30	6.2	236
Jun-18	River Dry						
Jul-18	7.8	8.2	34	550	27	6	336
Aug-18	7.1	6	30	510	27	6.8	336
Sep-18	7.3	8	30	470	27	6.2	316
Oct-18	7.89	10	42	510	26	5.8	332
Nov-18	7.9	10	32	410	23	5.6	266
Dec-18	7.6	8	24	450	17	5.2	302
Average	7.62	7.21	30.90	421.81	24.6	6.41	273.45
Min-Max	(7.1-7.9)	(2-10)	(18-46)	(270-550)	(17-30)	(5.2-8)	(166-336)
2019							
Jan-19	7.7	8	24	510	13	4.8	336
Feb-19	7.5	8	26	496	17	5	238
Mar-19	7.3	6.2	20	553	25	5.6	329
Apr-19	7.5	4.8	22	540	30	5.2	348
May-19	7.3	4.2	28	460	36	5.6	326
June-19	7.6	4	30	550	38	6	151
July-19	7.3	4	30	164	30	5.6	107
Aug-19	7.3	5.0	40.0	240	30	3.6	115
Sep-19	7.7	4.0	20	216	30	4.4	141
Oct-19	7.99	8.0	40	243	30	6.4	158
Nov-19	7.7	15	50	294	23	5.0	197
Dec-19	7.8	12	42	256	12	6.4	188
2020							
Jan-20	7.6	10	40	520	10	4.2	238
Feb-20	7.66	8.0	30	440	29	5.2	227
Mar-20	8.9	12	50	360	31	4	219
Apr-20	7.6	10	44			4.7	
May-20	7.9	8.0	48	305	41	5.4	216
June-20	8.2	8.6	48	270	38	2.6	175
July-20	8.4	6.0	45	170	31	2.9	116