

**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						

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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