

WATER QUALITY OF RIVER YAMUNA IN DELHI (March, 2020)

S. No	Station code	Station Name	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos/cm)	BOD (mg/l)	Fecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
WATER QUALITY CRITERIA			> 5 mg/l	6.5-8.5	--	< 3 mg/l	< 2500 MPN/100ml	--
1	1120	YAMUNA AT PALLA	17.1*	8.7	665	7.9	13× 10 ²	35×10 ³
2	1121	YAMUNA AT NIZAMUDDIN	BDL	7.2	1369	57	92× 10 ⁵	16× 10 ⁶
3	1375	YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL) KALINDI KUNJ	BDL	7.2	861	27	22× 10 ⁵	92× 10 ⁵
4	1812	RIVER YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN (OKHALA D/S)	BDL	7.3	1666	78	17× 10 ⁵	92× 10 ⁵
5	2057	AGRA CANAL, MADANPUR KHADAR (BADARPUR)	BDL	7.2	871	24	34× 10 ⁴	54× 10 ⁵

* Due to Algal bloom

BDL- Below Detection Limit (0.3 mg/L)

WATER QUALITY OF RIVER YAMUNA IN DELHI (April, 2020)

S. No	Station code	Station Name	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos/cm)	BOD (mg/l)	Fecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
WATER QUALITY CRITERIA			> 5 mg/l	6.5-8.5		< 3 mg/l	< 2500 MPN/100ml	
1	1120	YAMUNA AT PALLA	8.3	7.8	273	2	-	-
2	1121	YAMUNA AT NIZAMUDDIN	2.4	7.2	460	5.6	-	-
3	1375	YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL) KALINDI KUNJ	1.2	7.1	488	6.1	-	-
4	1812	RIVER YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN (OKHALA D/S)	Not monitored due to lockdown					
5	2057	AGRA CANAL, MADANPUR KHADAR (BADARPUR)	Not monitored due to lockdown					

WATER QUALITY OF RIVER YAMUNA IN DELHI (May, 2020)

S. No	Station code	Station Name	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos/cm)	BOD (mg/l)	Fecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
WATER QUALITY CRITERIA			> 5 mg/l	6.5-8.5		< 3 mg/l	< 2500 MPN/100ml	
1	1120	YAMUNA AT PALLA	8.4	7.9	310	2.9	11× 10 ²	35×10 ²
2	1121	YAMUNA AT NIZAMUDDIN	2.3	7.3	567	6.3	21× 10 ⁴	11× 10 ⁵
3	1375	YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL) KALINDI KUNJ	2.3	7.3	620	5.6	78× 10 ³	46× 10 ⁴
4	1812	RIVER YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN (OKHALA D/S)	BDL#	7.2	895	28	27× 10 ⁵	79× 10 ⁵
5	2057	AGRA CANAL, MADANPUR KHADAR (BADARPUR)	Not monitored					

BDL-Below Detection Limit (0.3 mg/L)

WATER QUALITY OF RIVER YAMUNA IN DELHI (June, 2020)

S. No	Station code	Station Name	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos/cm)	BOD (mg/l)	Fecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
WATER QUALITY CRITERIA			> 5 mg/l	6.5-8.5		< 3 mg/l	< 2500 MPN/100ml	
1	1120	YAMUNA AT PALLA	8.4	8.6	301	3.5	2×10 ³	35× 10 ⁴
2	1121	YAMUNA AT NIZAMUDDIN	1.7	7.9	725	13	17× 10 ⁵	28× 10 ⁶
3	1375	YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL) KALINDI KUNJ	0.6	7.7	662	13	11× 10 ⁴	35× 10 ⁴
4	1812	RIVER YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN (OKHALA D/S)	BDL	7.7	960	21	79× 10 ⁵	35× 10 ⁶
5	2057	AGRA CANAL, MADANPUR KHADAR (BADARPUR)	0.9	7.7	719	13	33× 10 ⁴	11× 10 ⁵

BDL-Below Detection Limit (0.3 mg/L)

WATER QUALITY OF RIVER YAMUNA IN DELHI (July, 2020)

S. No	Station code	Station Name	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos/cm)	BOD (mg/l)	Fecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
WATER QUALITY CRITERIA			> 5 mg/l	6.5-8.5		< 3 mg/l	< 2500 MPN/100ml	
1	1120	YAMUNA AT PALLA	11.87*	9	357	7.6	110	490
2	1121	YAMUNA AT NIZAMUDDIN	0.7	7.4	1138	13	33× 10 ⁴	79× 10 ⁴
3	1375	YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL) KALINDI KUNJ	BDL	7.3	750	7.4	28× 10 ⁵	16× 10 ⁶
4	1812	RIVER YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN (OKHALA D/S)	BDL	7.4	1414	25	14× 10 ⁴	49× 10 ⁴
5	2057	AGRA CANAL, MADANPUR KHADAR (BADARPUR)	BDL	7.2	815	11.4	49× 10 ⁴	17× 10 ⁵

* Due to Algal Bloom

BDL-Below Detection Limit (0.3 mg/L)

WATER QUALITY OF RIVER YAMUNA IN DELHI (August, 2020)

S. No	Station code	Station Name	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos/cm)	BOD (mg/l)	Fecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
WATER QUALITY CRITERIA			> 5 mg/l	6.5-8.5		< 3 mg/l	< 2500 MPN/100ml	
1	1120	YAMUNA AT PALLA	5.6	7.9	355	1.4	490	35×10 ²
2	1121	YAMUNA AT NIZAMUDDIN	1	7.9	956	15	17× 10 ⁵	54× 10 ⁵
3	1375	YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL) KALINDI KUNJ	0.7	7.9	1052	7.7	4× 10 ⁵	35× 10 ⁵
4	1812	RIVER YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN (OKHALA D/S)	1.5	7.7	1095	13	44× 10 ⁴	92× 10 ⁵
5	2057	AGRA CANAL, MADANPUR KHADAR (BADARPUR)	0.8	7.7	960	16	21× 10 ⁵	33× 10 ⁵

WATER QUALITY OF RIVER YAMUNA IN DELHI (September, 2020)

S. No	Station code	Station Name	Dissolved Oxygen (mg/l)	pH	Conductivity (µmhos/cm)	BOD (mg/l)	Fecal Coliform (MPN/100 ml)	Total Coliform (MPN/100 ml)
WATER QUALITY CRITERIA			> 5 mg/l	6.5-8.5		< 3 mg/l	< 2500 MPN/100ml	
1	1120	YAMUNA AT PALLA	6.4	7.7	323	6.6	79×10 ³	17× 10 ⁴
2	1121	YAMUNA AT NIZAMUDDIN	2.2	7.6	513	12	7× 10 ⁵	7× 10 ⁵
3	1375	YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL) KALINDI KUNJ	2.6	7.7	495	9.7	21× 10 ⁴	14× 10 ⁵
4	1812	RIVER YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN (OKHALA D/S)	5.6	7.6	499	7.7	68× 10 ³	49× 10 ⁴
5	2057	AGRA CANAL, MADANPUR KHADAR (BADARPUR)	1.4	7.5	573	18	61× 10 ⁴	24× 10 ⁶