

TABLE 3.4
Water Quality Monitoring of Rivers of West Bengal
2014-15

			Biochemical Oxygen Demand (in mg/l.) (Standard : BOD : 3mg/L)											
District	Rivers	Stations	Apr '14	May ' 14	Jun '14	Jul '14	Aug '14	Sep ' 14	Oct ' 14	Nov ' 14	Dec ' 14	Jan ' 15	Feb '15	Mar '15
Darjeeling	Tista	Siliguri	2.4	1.8	1.2	1.5	1.8	1.2	1.8	1.2	1.4	1.8	1.2	1.9
Darjeeling	Mahananda	Siliguri	1.8	1.2	2.1	2.4	2.1	1.8	2.2	1.8	1.9	2.1	1.7	2.8
Darjeeling	Mahananda	Ramghat	3.2	2.9	4.9	3.8	3.2	3.8	3.6	3.9	4.1	3.8	3.5	3.6
Jalpaiguri	Karola	D/S of Jalpaiguri	2.8	2.4	2.4	2.1	1.8	1.8	2.8	1.5	2.3	2.8	1.5	2.1
Coochbehar	Kaljani	D/S of Alipurduar	1.8	1.5	1.8	1.9	2.2	1.8	2.6	1.7	2.6	2.5	1.7	1.9
Nadia	Churni	Santipur	5.1	5.8	11.5	9.5	4.0	7.6	2.0	7.9	2.8	10.8	9.8	6.6
Nadia	Churni	Gade Border	..	..	..	..	..	..	..	..	..	..	..	..
Nadia	Churni	Majhadia	5.3	8.3	9.9	4.5	3.3	6.4	2.0	7.0	1.6	5.6	8.2	3.5
Nadia	Jalangi	Krishna Nagar	6.8	4.6	4.0	4.5	2.8	2.9	2.0	3.6	3.9	3.7	9.5	4.2
Nadia	Matha Bhanga	Gobindapur	7.2	12.2	11.5	4.6	5.5	13.1	2.3	8.0	2.2	7.1	15.1	8.6
North 24 Parganas	Vindiyadhari	Malancha Burning Ghat	36.3	2.5	8.4	7.0	13.8	8.1	16.2	6.0	4.4	7.5	7.8	65.6
North 24 Parganas	Vindiyadhari	Haroa Bridge	14.8	14.6	9.1	15.2	10.5	18.8	12.4	6.4	7.2	7.1	1.4	28.8
Burdwan	Barakar	Asansol	4.5	1.8	3.5	1.6	2.7	2.7	2.7	3.5	1.0	3.4	3.2	2.7
Burdwan	Damodar	Asansol	2.2	1.2	2.6	1.3	2.5	1.3	1.0	3.2	1.6	3.1	2.6	5.5
Burdwan	Damodar	Dishergarh Village	1.6	1.6	1.6	1.0	1.7	2.2	2.0	1.5	1.0	1.0	2.0	1.3
Burdwan	Damodar	D/S of IISCO	1.1	1.0	2.6	1.1	2.2	1.2	1.0	2.8	1.9	1.5	2.1	3.2
Burdwan	Damodar	Narayanpur	1.1	1.1	6.1	2.9	4.6	4.9	2.7	6.1	6.9	2.9	5.4	1.6
Burdwan	Damodar	Mujher Mana Village	3.1	1.7	3.5	5.7	4.5	2.7	3.4	3.8	2.7	3.5	4.3	2.1
Burdwan	Damodar	Durgapur Town	2.4	2.8	1.3	4.3	2.6	2.2	3.2	4.0	2.3	2.5	2.1	1.8
Burdwan	Damodar	Andal D/S	3.3	3.6	2.0	2.5	1.6	1.8	3.2	1.6	2.2	3.8	5.6	2.2
Burdwan	Damodar	Andal U/s	5.4	2.7	1.8	2.6	2.0	3.0	1.7	2.1	2.3	4.1	2.3	2.4
Burdwan	Damodar	Raniganj	3.1	3.0	4.4	3.5	2.2	2.4	2.5	6.0	1.9	5.5	5.0	2.7
Birbhum	Mayurakshi	Suri	2.1	3.4	4.8	1.0	1.2	1.2	2.5	2.3	1.6	1.3	1.9	2.1
Birbhum	Dwaraka	Tarapith D/S	9.0	2.3	3.2	3.8	2.5	1.9	5.1	5.6	3.4	6.5	5.7	1.5
Birbhum	Dwaraka	Tarapith U/S	3.0	3.2	1.7	5.0	3.8	3.8	3.5	5.3	3.0	15.5	28.3	55.0
Medinipur(East)	Rupnarayan	Kolaghat	1.1	1.5	2.5	2.2	1.6	1.4	1.8	0.8	1.0	2.8	1.4	1.6
Medinipur(East)	Rupnarayan	Geonkhali	0.7	0.7	1.0	0.9	1.6	0.8	0.8	0.9	0.7	0.9	0.9	2.0
Medinipur(West)	Kansi	Medinipur	3.2	1.8	3.7	2.5	2.0	1.6	2.0	1.4	4.6	2.3	2.7	2.8
Medinipur(West)	Silabati	Ghatal	1.7	2.1	1.8	1.6	1.8	0.5	1.7	1.2	1.4	1.4	3.4	0.5

TABLE 3.4 (Contd.)
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			Dissolved Oxygen (in mg/l.) (Standard : DO : 4mg/L)											
District	Rivers	Stations	Apr '14	May ' 14	Jun '14	Jul '14	Aug '14	Sep ' 14	Oct ' 14	Nov ' 14	Dec ' 14	Jan ' 15	Feb '15	Mar '15
Darjeeling	Tista	Siliguri	7.8	6.9	7.6	7.2	7.8	7.4	7.6	8.1	7.7	7.6	8.9	7.8
Darjeeling	Mahananda	Siliguri	7.2	7.2	7.8	6.8	7.2	6.9	7.2	7.2	6.8	7.2	7.8	8.9

Darjeeling	Mahananda	Ramghat	6.1	6.2	5.9	6.4	6.2	6.4	5.8	6.9	5.9	5.5	4.1	5.0
Jalpaiguri	Karola	D/S of Jalpaiguri	7.8	7.2	7.2	7.8	7.4	7.2	7.1	7.8	6.9	7.5	6.6	8.1
Coochbehar	Kaljani	D/S of Alipurduar	8.1	6.8	7.0	7.2	7.6	7.8	6.8	7.4	8.8	7.2	7.4	8.0
Nadia	Churni	Santipur	2.3	1.5	2.9	1.1	3.9	2.2	2.3	2.1	4.0	3.7	5.1	3.3
Nadia	Churni	Gade Border	..	..	..	..	..	..	..	..	..	..	..	..
Nadia	Churni	Majhadia	0.4	6.9	6.0	3.6	4.5	2.1	6.7	-	3.2	-	1.1	-
Nadia	Jalangi	Krishna Nagar	7.9	5.6	5.5	5.1	5.0	3.5	3.0	6.8	8.0	9.5	10.6	8.8
Nadia	Matha Bhanga	Gobindapur	0.2	0.2	0.3	0.5	4.0	1.5	6.5	-	3.3	-	0.3	-
North 24 Parganas	Vindyadhari	Malancha Burning Ghat	2.1	5.3	3.0	2.6	1.3	1.5	2.1	2.3	1.4	2.0	1.2	3.8
North 24 Parganas	Vindyadhari	Haroa Bridge	3.1	1.2	1.7	-	1.4	-	1.5	2.3	1.6	1.2	1.8	0.4
Burdwan	Barakar	Asansol	7.9	9.1	6.7	6.8	7.2	6.0	8.8	8.7	7.3	10.1	9.3	8.8
Burdwan	Damodar	Asansol	7.9	10.2	6.5	7.6	7.0	8.3	7.8	10.4	9.3	10.0	10.4	10.4
Burdwan	Damodar	Dishergarh Village	7.6	6.9	6.7	6.5	7.2	6.5	7.4	8.6	9.0	9.5	9.5	9.2
Burdwan	Damodar	D/S of IISCO	8.0	9.4	6.7	6.7	7.2	7.5	7.1	9.2	9.5	8.4	9.5	10.0
Burdwan	Damodar	Narayanpur	3.4	7.2	9.1	6.0	6.6	7.1	5.8	6.6	10.2	9.6	10.0	8.7
Burdwan	Damodar	Mujher Mana Village	3.7	4.2	8.1	6.2	5.0	5.8	6.5	6.5	6.2	7.3	7.3	6.8
Burdwan	Damodar	Durgapur Town	10.1	9.0	6.4	7.5	6.6	6.6	7.2	8.4	10.7	9.9	9.7	8.4
Burdwan	Damodar	Andal D/S	9.8	8.6	6.9	6.2	6.4	6.4	7.2	4.0	10.3	9.7	9.4	8.4
Burdwan	Damodar	Andal U/s	8.6	8.2	6.5	6.3	6.4	6.4	7.0	7.9	10.5	10.2	7.9	9.4
Burdwan	Damodar	Raniganj	7.5	8.7	8.9	6.0	6.5	6.2	6.9	8.8	10.7	10.3	10.0	10.5
Birbhum	Mayurakshi	Suri	7.4	8.0	5.8	5.6	7.0	9.3	7.5	5.9	6.1	3.9	3.2	5.6
Birbhum	Dwaraka	Tarapith D/S	9.7	7.0	7.5	5.8	6.5	7.2	6.1	10.0	9.0	12.1	10.4	8.0
Birbhum	Dwaraka	Tarapith U/S	7.5	5.8	6.0	5.5	6.5	7.0	6.0	7.8	8.2	16.5	1.2	11.2
Medinipur(East)	Rupnarayan	Kolaghat	6.5	6.4	6.1	6.4	6.8	6.3	7.8	6.9	8.0	9.1	7.6	7.1
Medinipur(East)	Rupnarayan	Geonkhali	5.9	6.5	6.5	6.0	7.7	6.2	5.4	6.5	7.4	7.8	6.9	8.1
Medinipur(West)	Kansi	Medinipur	8.2	7.5	7.6	7.6	9.5	8.1	7.8	9.3	10.8	10.1	10.6	9.5
Medinipur(West)	Silabati	Ghatal	6.4	6.9	6.1	6.4	7.2	5.5	7.0	7.4	8.4	8.8	8.2	5.0

TABLE 3.4 (Contd.)

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Total Coliform (in MPN) (Standard TC : 5000 MPN / 100ml)														
District	Rivers	Stations	Apr '14	May ' 14	Jun '14	Jul '14	Aug '14	Sep ' 14	Oct ' 14	Nov ' 14	Dec ' 14	Jan ' 15	Feb '15	Mar '15
Darjeeling	Tista	Siliguri	3300	3400	4000	3400	8000	9000	8000	9000	8000	5000	3000	3400
Darjeeling	Mahananda	Siliguri	5000	7000	5000	9000	11000	22000	17000	14000	17000	22000	28000	17000
Darjeeling	Mahananda	Ramghat	230000	160000	220000	280000	110000	170000	140000	170000	110000	70000	130000	170000
Jalpaiguri	Karola	D/S of Jalpaiguri	7000	9000	7000	9000	14000	17000	22000	17000	11000	14000	11000	11000
Coochbehar	Kaljani	D/S of Alipurduar	14000	22000	17000	22000	35000	30000	13000	11000	14000	17000	5000	4000
Nadia	Churni	Santipur	140000	70000	350000	50000	130000	900000	130000	30000	130000	1600000	900000	110000
Nadia	Churni	Gade Border	..	..	..	..	..	..	..	..	..	..	..	..
Nadia	Churni	Majhadia	1400000	70000	300000	80000	33000	13000	8000	160000	50000	500000	1600000	110000
Nadia	Jalangi	Krishna Nagar	40000	50000	50000	80000	30000	9000	8000	50000	70000	130000	34000	140000

Nadia	Matha Bhanga	Gobindapur	3500000	5000000	3000000	1300000	50000	240000	8000	160000	350000	1600000	500000	220000
North 24 Parganas	Vindyadhari	Malancha Burning Ghat	26000	170000	50000	110000	220000	26000	80000	23000	80000	22000	22000	80000
North 24 Parganas	Vindyadhari	Haroa Bridge	220000	140000	110000	140000	170000	70000	130000	80000	50000	80000	50000	130000
Burdwan	Barakar	Asansol	17000	17000	30000	160000	160000	160000	1100	9000	90000	30000	90000	1300
Burdwan	Damodar	Asansol	11000	400	30000	5000	160000	800	35000	5000	3000	17000	22000	14000
Burdwan	Damodar	Dishergarh Village	11000	90000	11000	35000	160000	1700	1400	3000	3000	11000	160000	1300
Burdwan	Damodar	D/S of IISCO	900	800	14000	90000	160000	3000	1100	3000	5000	1300	90000	1300
Burdwan	Damodar	Narayanpur	22000	17000	1700	24000	28000	14000	13000	6000	700	17000	28000	7000
Burdwan	Damodar	Mujher Mana Village	5000	6000	900	14000	9000	160000	50000	35000	1700	3300	8000	7000
Burdwan	Damodar	Durgapur Town	11000	5000	5000	90000	30000	160000	90000	30000	3000	2600	160000	1100
Burdwan	Damodar	Andal D/S	3000	3000	900	160000	9000	14000	90000	30000	2100	17000	90000	2300
Burdwan	Damodar	Andal U/s	50000	3000	14000	160000	50000	160000	30000	14000	400	1700	160000	1300
Burdwan	Damodar	Raniganj	1700	22000	5000	160000	160000	14000	28000	2700	1100	2300	1700	800
Birbhum	Mayurakshi	Suri	2300	160000	160000	17000	11000	50000	1400	1700	1100	3000	1400	700
Birbhum	Dwaraka	Tarapith D/S	160000	30000	160000	160000	24000	30000	14000	35000	17000	2700	160000	14000
Birbhum	Dwaraka	Tarapith U/S	50000	160000	160000	160000	28000	90000	35000	160000	13000	30000	160000	35000
Medinipur(East)	Rupnarayan	Kolaghat	13000	130000	110000	50000	130000	17000	23000	80000	220000	130000	300000	14000
Medinipur(East)	Rupnarayan	Geonkhali	17000	4000	130000	50000	50000	130000	80000	130000	130000	30000	50000	14000
Medinipur(West)	Kansi	Medinipur	80000	130000	30000	22000	50000	30000	130000	50000	80000	50000	90000	13000
Medinipur(West)	Silabati	Ghatal	14000	80000	7000	80000	50000	23000	80000	50000	80000	33000	170000	22000

TABLE 3.4 (Contd.)

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Fecal Coliform (in MPN) (Standard FC : 500 MPN / 100ml)														
District	Rivers	Stations	Apr '14	May ' 14	Jun '14	Jul '14	Aug '14	Sep ' 14	Oct ' 14	Nov ' 14	Dec ' 14	Jan ' 15	Feb '15	Mar '15
Darjeeling	Tista	Siliguri	800	1100	1300	1400	5000	3000	2200	3000	2300	2100	800	1100
Darjeeling	Mahananda	Siliguri	1700	2600	1700	3400	3400	7000	5000	7000	5000	4000	5000	4000
Darjeeling	Mahananda	Ramghat	90000	60000	90000	110000	60000	90000	80000	70000	50000	15000	27000	33000
Jalpaiguri	Karola	D/S of Jalpaiguri	2600	3300	2200	2600	5000	8000	3400	3400	2200	3300	1400	1700
Coochbehar	Kaljani	D/S of Alipurduar	8000	7000	5000	9000	11000	8000	3300	2200	2700	5000	1100	1200
Nadia	Churni	Santipur	110000	50000	280000	22000	80000	280000	70000	23000	80000	900000	500000	70000
Nadia	Churni	Gade Border	..	..	..	..	..	..	..	..	..	..	..	..
Nadia	Churni	Majhadia	1100000	30000	130000	50000	22000	8000	4000	90000	30000	300000	900000	80000
Nadia	Jalangi	Krishna Nagar	30000	30000	30000	11000	23000	4000	4000	30000	50000	80000	27000	110000
Nadia	Matha Bhanga	Gobindapur	2800000	3000000	1100000	800000	30000	130000	4000	90000	280000	900000	300000	170000
North 24 Parganas	Vindyadhari	Malancha Burning Ghat	22000	34000	17000	33000	70000	21000	22000	13000	30000	13000	11000	30000
North 24 Parganas	Vindyadhari	Haroa Bridge	34000	130000	70000	110000	50000	33000	80000	22000	23000	23000	22000	50000
Burdwan	Barakar	Asansol	13000	13000	17000	90000	90000	35000	800	6000	50000	24000	9000	800
Burdwan	Damodar	Asansol	8000	200	24000	3000	90000	400	28000	3000	2300	11000	17000	9000
Burdwan	Damodar	Dishergarh Village	8000	28000	8000	17000	90000	1400	1200	2300	1700	8000	90000	800
Burdwan	Damodar	D/S of IISCO	700	200	11000	50000	90000	2300	800	2700	3000	800	50000	800

Burdwan	Damodar	Narayanpur	2600	7000	1100	8000	17000	3300	8000	5000	400	13000	400	700
Burdwan	Damodar	Mujher Mana Village	2100	3400	600	8000	5000	90000	30000	28000	1100	2700	2200	5000
Burdwan	Damodar	Durgapur Town	3300	3000	3000	24000	24000	35000	17000	24000	2300	2200	17000	800
Burdwan	Damodar	Andal D/S	2200	2300	700	30000	5000	11000	35000	22000	1700	13000	24000	1300
Burdwan	Damodar	Andal U/s	30000	2300	8000	24000	24000	35000	28000	2600	200	1400	90000	800
Burdwan	Damodar	Raniganj	900	17000	3000	30000	35000	11000	13000	2200	800	1300	1400	400
Birbhum	Mayurakshi	Suri	800	90000	90000	14000	8000	30000	1100	1300	800	1100	1100	400
Birbhum	Dwaraka	Tarapith D/S	90000	24000	90000	90000	13000	24000	9000	22000	13000	2200	90000	9000
Birbhum	Dwaraka	Tarapith U/S	30000	90000	90000	90000	22000	30000	17000	50000	8000	3300	90000	11000
Medinipur(East)	Rupnarayan	Kolaghat	4000	50000	50000	22000	27000	8000	8000	30000	80000	50000	130000	7000
Medinipur(East)	Rupnarayan	Geonkhali	8000	2000	50000	23000	17000	50000	22000	50000	50000	23000	23000	9000
Medinipur(West)	Kansi	Medinipur	22000	50000	13000	13000	23000	13000	50000	22000	30000	23000	50000	4000
Medinipur(West)	Silabati	Ghatal	7000	22000	2000	30000	22000	13000	30000	13000	22000	14000	80000	13000

Source: www.wbpcb.gov.in