

Appendices

APPENDIX

Appendix 1 (Paragraph: 5.2.1, Chart-5.5) No. of inspections in 28 SPIs

Sl. No.	Name of Industries	Category	Name of Regional Office	Industry Operational status	Inspection date	No. of inspections
1	Allied Blenders and Distillers Pvt. Ltd.	SPI/Food & Beverage	Hooghly	Operational	08.11.2021	1
2	Chittaranjan Locomotive Works	SPI/Heavy Engineering	Asansol	Operational	10.07.2023	1
3	Sunrise Industry	SPI/Dyeing & Bleaching unit	Salt Lake	Operational	02.08.2018, 18.06.2019	2
4	Process Galvaniser	SPI/Galvanising	Howrah	Operational	24.07.2019, 14.07.2022	2
5	Carlsberg India Pvt. Ltd.	SPI/Distillery including Fermentation Industry	Hooghly	Operational	31.01.2018, 14.01.2020	2
6	M/S Bhusan Power & Steel Ltd.	SPI	Hooghly	Operational	06.12.2019, 10.12.2021	2
7	Indian Oil Corporation	SPI/Oil & Grease	Alipore	Operational	20.08.2019, 23.11.2020	2
8	Sterile Extrusion Pvt Ltd.	SPI/Industry or process involving metal surface treatment or process.	Asansol	Operational	11.03.2019, 17.12.2020	2
9	M/s. Sreema Dyeing & Bleaching Works	SPI/ Bleaching Unit	Salt Lake	Operational	25.06.2019, 07.09.2021, 12.12.2022	3
10	Kalachand electroplating Works	SPI/Galvanising	Salt Lake	Operational	28.05.2019, 03.11.2020, 04.12.2020	3
11	Vishnu Chemical Works	SPI/Basic Chemicals	Salt Lake	Operational	20.07.2018, 25.07.2019, 27.01.2022	3
12	Chiranjilal Rayons Pvt. Ltd.	SPI/Yarn, textile dyeing and bleaching.	Howrah	Operational	28.08.2019, 14.08.2020, 27.10.2021	3
13	Monoranjana Jalui	SPI/Galvanising	Howrah	Operational	08.09.2018, 28.09.2020, 05.05.2022	3
14	Himadri Chemicals & Industries Ltd.	SPI/Coke making, Liquefaction.	Hooghly	Operational	17.09.2019, 23.06.2021, 10.05.2022	3
15	International Bleaching & dyeing Works	SPI/Dyeing, Bleaching	Salt Lake	Operational	26.11.2018, 21.01.2021, 15.07.2021, 11.01.2022	4

Sl. No.	Name of Industries	Category	Name of Regional Office	Industry Operational status	Inspection date	No. of inspections
16	Dhara Brothers	SPI/Galvanising	Howrah	Operational	22.03.2018, 19.02.2019, 20.01.2020, 16.01.2023	4
17	M/s Onkar Parivahan Finance Pvt. Ltd.	SPI , Dyeing Activity with Digital Printing & Embroidery	Howrah	Operational	16.01.2019, 27.01.2020, 28.07.2021, 24.11.2022	4
18	DIC India Ltd.	SPI/printing ink manufacturing	Kolkata	Operational	05.08.2019, 17.08.2021, 24.02.2022, 24.08.2022, 24.02.2023	5
19	Marathon Electric Motor India Ltd.	SPI/Galvanising	Kolkata	Operational	09.10.2020, 08.04.2021, 26.11.2021, 24.05.2022	4
20	Indian Government Mint	SPI/Galvanising	Kolkata	Operational	28.11.2018, 20.08.2019, 23.11.2020, 30.11.2022	4
21	East India Paper & Board Mills	SPI	Howrah	Operational	26.02.2018, 08.02.2019, 25.02.2021, 05.08.2021, 07.02.2023	5
22	Nirmal Wires Private Ltd.	SPI	Howrah	Operational	26.06.2018, 25.07.2018, 26.07.2019, 19.07.2022, 25.01.2022	5
23	Fabiricon(DAD)	SPI/Galvanising	Alipore	Operational	10.01.2019, 17.01.2020, 11.01.2021, 08.03.2022, 23.08.2022	5
24	Meghna Farm Products	SPI/Milk Processing	Alipore	Operational	03.07.2018, 12.04.2021, 18.11.2021, 11.11.2022, 12.07.2023	5
25	Philips Carbon Black Ltd.	SPI/Industrial Carbon	Durgapur	Operational	10.04.2019, 04.09.2020, 05.04.2021, 06.04.2022	4

Sl. No.	Name of Industries	Category	Name of Regional Office	Industry Operational status	Inspection date	No. of inspections
26	Rupa & Co. Ltd.	SPI/Yarn, textile dyeing and bleaching.	Howrah	Operational	15.05.2018, 14.08.2020, 29.12.2020, 01.10.2021, 06.05.2022, 01.03.2023	6
27	M/S Bijoy Processing Industries	SPI/Dyeing, Bleaching	Salt Lake	Operational	09.01.2018, 29.09.2018, 17.01.2019, 14.01.2020, 21.01.2021, 15.07.2021, 18.01.2022, 07.07.2022, 14.01.2023	9
28	NTPC - SAIL Power Company Ltd.	SPI/Thermal Power	Durgapur	Operational	28.02.2019, 10.12.2019, 14.02.2020, 25.11.2020, 05.05.2021, 05.08.2021, 23.11.2021, 01.02.2022, 21.11.2022	9

Appendix-2

(Paragraph: 7.2.1)

Types of Stations *vis-à-vis* frequency of Water Quality Monitoring

Source of Water	Type of Station	Definition of Station	Frequency
Surface	Baseline	Location where there is no influence of human activity on Water quality.	Perennial rivers and lakes/reservoirs: Six times a year. Seasonal rivers: Six times during flow period.
	Trend, Flux/ Impact and Hot Spots	Trend: a particular point on a watercourse to exhibit variance due to both geogenic and anthropogenic activities. Flux/Impact: location on main river stem for measuring mass of particular pollutant. Hot Spots: location where concentration of a particular parameter or a group of parameters, except bacteriological parameters, exceeds permissible limit of drinking water quality as prescribed in BIS code IS 10500-2012.	Trend: Once every month. Flux: Twice every month. Hot Spots: Twice every month.
Ground Water	Baseline	All stations are classified as base station	Twice in a year

Appendix-3

(Paragraph: 7.7)

Drains having Faecal Coliform beyond limit (100 MPN/100 ml)

SI No	Name of Drain/Channel	Date of Collection	Date of Reporting	Faecal Coliform (MPN/100ml)
1.	SHIBPUR BURNING GHAT	27.12.2022	04.01.2023	7,90,00,000
2.	TELKAL GHAT	27.12.2022	04.01.2023	2,40,00,000
3.	130, FORESHORE ROAD	27.12.2022	04.01.2023	2,40,00,000
4.	DHANKHETI KHAL, GARDEN REACH	15.12.2022	04.01.2023	1,30,00,000
5.	CIRCULAR CANAL (CHITPUR GHAT DRAIN)	18.10.2022	04.01.2023	84,00,000
6.	JAGANNATH DRAIN	27.12.2022	04.01.2023	49,00,000
7.	COSSIPORE DRAIN	18.10.2022	04.01.2023	46,00,000
8.	DEWANGAZI DRAIN	27.12.2022	04.01.2023	33,00,000
9.	NAZERGUNJ KHAL	16.11.2022	04.01.2023	23,00,000
10.	KUTHIGHAT DRAIN	18.10.2022	04.01.2023	17,00,000
11.	NIMTALA BURNING GHAT	18.10.2022	04.01.2023	17,00,000
12.	TOLLY NULLAH (ADI GANGA)	14.11.2022	04.01.2023	13,00,000
13.	SINGHI MORE KHAL	17.11.2022	04.01.2023	13,00,000
14.	N.C. PAL KHAL, SANKRAIL	16.11.2022	04.01.2023	7,80,000
15.	MUNIKHALI KHAL	16.11.2022	04.01.2023	7,80,000
16.	DRAIN @ AKHRA FOOD GHAR	16.11.2022	04.01.2023	2,30,000
17.	BAZARPARA, GARIGHAT DRAIN	17.11.2022	04.01.2023	1,30,000
18.	SARASWATI KHAL	17.11.2022	04.01.2023	78,000

Appendix-4

(Paragraph: 7.7)

Drains having BOD & COD beyond limit (BOD < 10 mg/l; COD <50 mg/l)

Sl No.	Name of Drain/Channel	Date of Collection	Date of Reporting	COD	BOD
1	Shibpur Burning Ghat	27.12.2022	04.01.2023	995.32	366.67
2	Kamarhati Jute Mill Drain	13.02.2023	13.03.2023	947.69	313.33
3	Bhatpara Drain	01.02.2023	06.03.2023	675.42	282.50
4	Barrackpur Khal (S.P.Bungalow)	24.01.2023	20.02.2023	727.93	200.00
5	Alliance Mill Drain	01.02.2023	06.03.2023	468.31	186.67
6	Telkal Ghat	27.12.2022	04.01.2023	609.66	175.00
7	Dhankheti Khal, Garden Reach	15.12.2022	04.01.2023	356.91	160.00
8	Jangipur Drain	02.02.2023	06.03.2023	321.72	151.25
9	Bagh Khal	06.02.2023	06.03.2023	501.13	145.00
10	Jagannath Drain	27.12.2022	04.01.2023	365.82	145.00
11	130, Foreshore Road	27.12.2022	04.01.2023	357.73	140.00
12	Titagarh Drain	07.02.2023	06.03.2023	354.16	128.57
13	Khardah Khal	13.02.2023	13.03.2023	203.01	117.50
14	Champdani Ferry Ghat Drain	20.02.2023	13.03.2023	231.38	110.00
15	Bhatpara Open Pucca Drain	01.02.2023	06.03.2023	239.39	105.00
16	Ramkrishna Mallick Ghat	27.12.2022	04.01.2023	257.15	92.50
17	Thanarkhal	01.02.2023	06.03.2023	196.19	86.25
18	Debitala Panchakhal	16.02.2023	13.03.2023	217.51	82.40
19	Garifa Drain (South)	17.01.2023	15.02.2023	164.99	77.00
20	Drain Near Pb Ghat at Kamarhati	07.02.2023	13.03.2023	193.69	75.00
21	Kuthighat Drain	18.10.2022	04.01.2023	148.00	73.75
22	Balurghat Monirampur Pucca Drain	24.01.2023	20.02.2023	141.63	71.00
23	Pratapnagar Rajbari Drain	16.02.2023	13.03.2023	164.54	69.17
24	Garifa Drain (North)	17.01.2023	15.02.2023	142.99	68.75
25	Imambara Khal	14.02.2023	13.03.2023	199.72	66.67
26	N.C. Pal Khal, Sankrail	16.11.2022	04.01.2023	220.00	53.12
27	Dewangazi Drain	27.12.2022	04.01.2023	139.52	52.50
28	Cossipore Drain	18.10.2022	04.01.2023	102.00	50.00
29	Monirampur Barrackpur Drain	24.01.2023	20.02.2023	120.82	47.50
30	Halisahar Drain	09.01.2023	09.02.2023	143.07	46.67
31	Nimtala Burning Ghat	18.10.2022	04.01.2023	175.00	44.69
32	Rosbora Khal	14.02.2023	13.03.2023	88.65	43.00
33	Chinsurah Majir Rasta Drain	14.02.2023	13.03.2023	87.05	36.67
34	Barrackpur Drain(Adjacent to Ramkrishna Mission)	24.01.2023	20.02.2023	70.81	35.00
35	Majher Char Khal	09.01.2023	09.02.2023	82.54	33.33

SI No.	Name of Drain/Channel	Date of Collection	Date of Reporting	COD	BOD
36	Chandni Ghat Drain	14.02.2023	13.03.2023	47.19	27.50
37	Dhopa Ghat Drain	14.02.2023	13.03.2023	65.71	27.50
38	Nazergunj Khal	16.11.2022	04.01.2023	76.00	25.00
39	Circular Canal (Chitpur Ghat Drain)	18.10.2022	04.01.2023	40.00	23.13
40	Tolly Nullah (Adi Ganga)	14.11.2022	04.01.2023	71.00	20.63
41	Drain at Akhra Food Ghar	16.11.2022	04.01.2023	58.00	20.00
42	Singhi More Khal	17.11.2022	04.01.2023	104.12	19.17
43	Halisahar Municipality Drain	09.01.2023	09.02.2023	52.09	15.63
44	New Bager Khal	09.01.2023	09.02.2023	50.35	15.00
45	Saraswati Khal	17.11.2022	04.01.2023	64.49	13.25
46	Baidyabati Drain	20.02.2023	13.03.2023	54.59	13.00
47	Bagher Khal (Fodder Khal)	09.01.2023	09.02.2023	37.18	12.60
48	Bazarpara, Garighat Drain	17.11.2022	04.01.2023	52.84	10.83
49	Dhobi Ghat Drain	24.01.2023	20.02.2023	24.00	10.25
50	Munikhali Khal	16.11.2022	04.01.2023	31.00	10.11

