



No.B-19004/WQM-II/CPCB/2020-21

By Speed Post/E-Mail

Date: 23 December, 2021

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To,

The Chairman,
Delhi Pollution Control Committee,
6th floor, C wing, Delhi Secretariat,
I P Estate, Delhi-110002

DIRECTIONS UNDER SECTION 18 (1) (b) OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 REGARDING INDUSTRIAL AMMONICAL DISCHARGE IN IO RIVER YAMUNA

WHEREAS, the Central Board, has delegated powers vested under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act 1974 to the Chairman, Central Pollution Control Board vide its resolution made on 133rd Board meeting dated 24th March, 2005 to issue direction under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 to State Boards; and

WHEREAS, amongst others, under Section 17 of the Water (Prevention and Control of Pollution) Act, 1974, one of the functions of the State Pollution Control Board (SPCB), constituted under the Water (Prevention & Control of Pollution) Act, 1974 is to plan a comprehensive programme for prevention, control or abatement of pollution of streams and wells located in the State and to secure the execution thereof; and

WHEREAS, amongst others, under section 16 of the Water (Prevention and Control of Pollution) Act, 1974, one of the functions of the Central Pollution Control Board (CPCB), constituted under Water (Prevention and Control of Pollution) Act, 1974 is to coordinate activities of the SPCBs and Pollution Control Committees (PCCs) and to provide technical assistance and guidance to SPCBs / PCCs; and

WHEREAS, the Central Government has notified standards for discharge of environmental pollutants from industries and common effluent treatment plants (CETPs), under the Environmental (Protection) Act, 1986 and rules framed there under, and

WHEREAS, the SPCBs and PCCs are empowered to stipulate standards for discharge of environmental pollutants for various categories of industries and common effluent treatment plants (CETPs) more stringent than those notified by the Central Government, under the Environmental (Protection) Act, 1986 and rules framed there under; and

WHEREAS, Grossly Polluting Industries (GPIs) are defined as industrial units having potential to discharge 100 kg/day BOD load and/or toxic effluent; and

WHEREAS, Chemical (Pharmaceuticals, Organic, Inorganic, Fertilizers, Refinery and Pesticides), Distillery, Sugar, Pulp & Paper, Textile, Dying, Bleaching, Slaughter House, Tannery and Food & Dairy etc. categories of industries identified as Grossly Polluting Industries (GPIs) located in states of Uttarakhand, Uttar Pradesh, Haryana and NCT Delhi

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

CIC SRF (AM)

have been discharging effluent directly or indirectly into the river Yamuna through drains or tributaries, which causing adverse effect on the water quality of river Yamuna and its tributaries; and

WHEREAS, it was decided that inspection of Grossly Polluting Industries (GPIs) should be made an annual exercise; and

AND WHEREAS, inspections of 267 GPIs were carried out during October, 2020 to March, 2021 by team of officials comprising of experts from identified technical institutions and Delhi Pollution Control Committee (DPCC). All inspection reports were made available to DPCC by technical institutes for necessary action; and

WHEREAS, various GPIs namely Textiles, Food & beverages, Slaughterhouse and Others operating in Delhi region use various chemicals in their manufacturing process and generate effluent containing high concentration of Ammoniacal Nitrogen and Nitrate besides organic pollution load. Discharge of their effluent into surface water bodies has potential to cause deterioration of river water quality; and

WHEREAS, out of 267 GPIs, effluent samples collected from outlet of effluent treatment plants (ETP) of 54 GPIs were analyzed for Ammoniacal Nitrogen and Nitrate contents, and it has been observed that estimated Ammoniacal Nitrogen load of 41.5 kg/day and Nitrate load of 118 kg/day are being discharged into surface water bodies through drains (details of estimated load is annexed as Annexure-I); and

WHEREAS, estimated percentage contribution of different industrial sectors in terms of Ammoniacal Nitrogen load in river Yamuna are- Textile-61%, Slaughterhouse-27 %, Food & Beverages-8%, and Others-4% ; and

WHEREAS, out of 54 GPIs, inventory of ten of the highest contributing GPIs has been prepared (list attached as annexure-II), which together contribute an estimated Ammoniacal Nitrogen load of 39 kg/day and Nitrate load of 118 kg/day into drains, thereby having the potential for deterioration of water quality of river Yamuna; and

WHEREAS, it may be concluded that GPIs operating in Delhi have potential to discharge effluent containing Ammoniacal Nitrogen and Nitrate besides organic pollution load into surface water bodies and therefore an action plan may be prepared for implementation of cleaner technologies, adoption of waste minimization practices and upgradation of ETP system to control water pollution; and

NOW, THEREFORE, in view of above observations and in exercise of the power conferred under section 18(1) (b) of the Water (Prevention and Control of Pollution) Act, 1974, you are hereby directed to take appropriate measures for compliance of following:

1. DPCC shall issue appropriate directions to the GPIs generating effluent containing high Ammoniacal nitrogen and Nitrate (as per list at Annexure-II) for submission of a time bound action plan within 30 days to curtail generation of Ammoniacal Nitrogen , Nitrate and Phosphate in their effluent through adoption of cleaner technology, waste minimization practices and upgradation of ETP system.

2. DPCC may also carry out inventory of GPIs having potential to contribute Ammoniacal Nitrogen, Nitrate and Phosphate etc in surface water bodies.
3. DPCC shall also organize meetings/webinar of all stakeholders to facilitate industrial units for preparation of the action plans.

DPCC shall acknowledge the receipt of the directions immediately and forward the action taken report to CPCB within one month of receipt.

M. K. C.
22/12/21
(Taimay Kurrial)
CHAIRMAN

Copy to:

1. Director General, : for kind information please
National Mission for Clean Ganga (MoWR, RD & GR)
1st Floor, Major Dhyan Chand National Stadium
India Gate, New Delhi - 110002
2. Joint Secretary (CP Division), : for kind information please
Ministry of Environment, Forests, & Climate
Change, Indira Paryavaran Bhawan, Jorbagh Road,
New Delhi - 110013
3. Regional Director, : for kind information please
Regional Directorate (Chandigarh),
Central Pollution Control Board,
BSNL Telephone Exchange, 2nd Floor, Sector 49-C,
Chandigarh-160 047
4. Incharge, IT Division, CPCB : for uploading on CPCB website
5. ✓ Master File, CPCB : to keep record

(Prashant Gargava)
MEMBER SECRETARY

NS Singh
29-12-2021

S.No	Name & address of the GPI	District	Sector	Flow at ETP outlet, KLD	NH3-N value at ETP inlet, mg/l	NO3 value at ETP inlet, mg/l	NH3-N value at ETP outlet, mg/l	NO3 value at ETP outlet, mg/l	NH3-N load at ETP outlet,	NO3 load at ETP
1	Delhi Milk Scheme, West Patel Nagar, Delhi-110008	De lhi	Food & Beverages	193.84	36.40	4.60	7.80	2.40	1.51	0.47
2	Mother Dairy Fruit & Vegetable Pvt. Ltd. Unit Mother Dairy, Mother Dairy, Patparganj, Delhi - 110092	De lhi	Food & Beverages	357.40	32.60	3.20	4.80	1.80	1.72	0.64
3	City Thread (India) PVT. LTD, A-15, Jhilmil Industrial Area, Delhi – 110095	De lhi	Textile	670.00	112.00	35.50	4.70	75.10	3.15	50.32
4	IDEAL UDYOG PLOT NO: 102, PHASE-II, BADLI INDUSTRIAL ESTATE, DELHI	De lhi	Others	0.55	74.00	Not analysed	29.00	Not analysed	0.02	
5	S.B. ENTERPRISES H-5, PHASE-3, BADLI INDUSTRIAL AREA, DELHI-110042	De lhi	Textile	3000.00	27.30	82.00	7.30	21.50	21.90	64.50
6	Printex, 18/24, Gali No. 28, Anand Parbat Industrial Area, Delhi-05	De lhi	Others	0.08	90.60	Not analysed	22.50	6.30	0.00	0.00
7	Dente Electroplators, 18/24, Gali no. 28, Anand Parbat industrial area, Delhi-05	De lhi	Others	0.45	84.60	Not analysed	8.00	2.50	0.00	0.00
8	PLAST TECH (INDIA), B-40, JHILMIL INDUSTRIAL AREA, GT ROAD SHAHDARA, DELHI – 110095	De lhi	Others	0.75	85.30	Not analysed	15.60	Not analysed	0.01	
9	PUSHP SANITARY APPLIANCES PLOT NO.439, F.I.E PATPARGANJ INDUSTRIAL AREA, DELHI – 110092	De lhi	Others	0.10	158.40	Not analysed	11.50	Not analysed	0.00	
10	SHIV ENTERPRISES 459, FIE PATPARGANJ IND. AREA, DELHI-92	De lhi	Others	0.40	104.20	19.80	29.40	4.50	0.01	0.00
11	Hindustan Switch Pvt. Ltd A-23, Mayapuri Industrial Area, Phase-i, Delhi - 110064	De lhi	Others	0.20	NA	NA	19.20	NA	0.00	

12	Kanodia Technoplast (p) Ltd A-43, Wazirpur Industrial Area , Delhi, - 110052	De lhi	Others	0.55	NA	NA	20.00	NA	0.01	
13	Prem Electroplaters B-28/5, Wazirpur, Industrial Area, Delhi, - 110052	De lhi	Others	0.50	102.50	NA	18.00	3.90	0.01	0.00
14	Ram Prakash And Brothers A-27/4, Ph-i, Mayapuri Industrial Area , Delhi - 110064	De lhi	Others	0.07	NA	NA	8.60	NA	0.00	
15	Shree Raj Roto India Ltd G-6, Dside Industrial Complex, Rohtak Road, Nangloi Dside Industrial Area, Delhi - 110041	De lhi	Others	0.60	NA	NA	9.00	NA	0.01	
16	SKN-BENTEX GROUP A-8, NARAINA INDUSTRIAL AREA, PHASE-II, NEW DELHI-110028	De lhi	Others	1.00	NA	NA	8.00	NA	0.01	
17	ALLIED INDUSTRIES A -317, GROUND AND THIRD FLOOR, DSIDC, NARELA INDUSTRIAL AREA, DELHI-110040	De lhi	Textile	1.05	Not Analyzed	Not Analyzed	29.00	Not Analyzed	0.03	
18	Blue Bottom G-1003, DSIDC, NARELA INDUSTRIAL AREA, DELHI	De lhi	Textile	1.50	Not Analyzed	Not Analyzed	9.00	Not Analyzed	0.01	
19	GURUNANAK PROCESSOR GI-101, 1 st & 2 nd FLOOR, PHASE-II, MAYAPURI INDUSTRIAL AREA, NEW DELHI-110064	De lhi	Textile	5.00	Not Analyzed	Not Analyzed	29.60	Not Analyzed	0.15	
20	EAGLE SANITATION WH-98, Ph-I, Mayapuri Industrial Area, Delhi - 110064	De lhi	Other	0.45	Not Analyzed	Not Analyzed	12.00	Not Analyzed	0.01	
21	Kapil Enterprises, N-10, Gali no. 9, Anand Parbat Industrial area, Delhi-110005	De lhi	Other	0.10	Not Analyzed	Not Analyzed	8.30	Not Analyzed	0.00	

22	KOHLI POLISHING WORK F-10, Ph-II, Mayapuri Industrial Area, New Delhi-110064	De lhi	Other	0.20	Not Analyzed	Not Analyzed	12.00	Not Analyzed	0.00	
23	PANNA ANODIZING WORKS, B-2496, DSIIDC, NARELA INDUSTRIAL AREA, DELHI-110040	De lhi	Other	0.29	Not Analyzed	Not Analyzed	13.50	Not Analyzed	0.00	
24	PINDI ENGINEERING WORKS B-123, PH-I, Mayapuri Industrial Area, Delhi - 110064	De lhi	Other	0.05	Not Analyzed	Not Analyzed	20.40	Not Analyzed	0.00	
25	Plastocraft Sanitary India Pvt. Ltd. B-59, Mayapuri Industrial Area Phase-I, Delhi - 110064	De lhi	Other	0.80	Not Analyzed	Not Analyzed	2.00	Not Analyzed	0.00	
26	R.D Electroplaters, 50/13, Street No. 1, Anand Parbat Industrial Area , Delhi - 110005,	De lhi	Other	0.10	Not Analyzed	Not Analyzed	20.40	Not Analyzed	0.00	
27	SHARMA ELECTROPLATING WORKS F-85, Okhla Industrial Estate Phase –III, New Delhi-110020	De lhi	Other	0.22	Not Analyzed	Not Analyzed	20.00	Closed	0.00	
28	Shine Well Enterprises D-148, Phase-II, Mayapuri Industrial Area , Delhi - 110064	De lhi	Other	0.50	Not Analyzed	Not Analyzed	39.00	14.50	0.02	0.01
29	Silvertone Trading Company C-141, Naraina Industrial Area, Phase - I, Delhi - 110028	De lhi	Other	0.40	Not Analyzed	Not Analyzed	19.00	Not Analyzed	0.01	
30	Vashist Electroplaters, 3/12, Street No. 2, Anand Parbat Industrial Area, Delhi-05	De lhi	Other	0.10	Not Analyzed	Not Analyzed	9.70	Not Analyzed	0.00	
31	COLOUR CREATION N1-126, SECTOR-5, DSIIDC, BAWANA INDUSTRIAL AREA, DELHI-110020	De lhi	Textile	3.80	Not analysed	Not analysed	3.50	Not analysed	0.01	
32	JMD ENTERPRISES E-44, SECTOR-5, DSIIDC BAWANA INDUSTRIAL AREA NEW DELHI-110039	De lhi	Textile	1.20	Not analysed	Not analysed	3.00	Not analysed	0.00	

33	SHREE RAM WASHING PLOT NO-231.PKT-N,SECTOR-5,BAWANA INDUSTRIAL AREA,DELHI-110039	De lhi	Textile	0.38	Not analysed	Not analysed	6.00	Not analysed	0.00	
34	Tiwari Hosiery Factory F-1900,dsidc, Narela Industrial Complex, Delhi -110040	De lhi	Textile	6.50	Not analysed	Not analysed	4.00	21.00	0.03	0.14
35	DEOR METAL INDUSTRIES PVT. LTD 16-17/340, GALI NO. 1B, GT ROAD, SHAHDARA, FRIENDS COLONY INDUSTRIAL AREA , DELHI – 110095	De lhi	Others	2.00	98.50	23.90	22.50	3.90	0.05	0.01
36	GURU NANAK ENGG. WORKS I-14, SECTOR-5, DSIIDC, BAWANA INDUSTRIAL AREA, DELHI-110039	De lhi	Others	0.45	58.00	Not analysed	13.00	Not analysed	0.01	
37	HIRA ELECTRONICS B-2572, DSIDC Narela Indl Area	De lhi	Others	1.65	Not analysed	Not analysed	12.00	Not analysed	0.02	
38	MANGLA HANDLES PLOT NO. 101, PHASE-II, BADLI INDUSTRIAL ESTATE, DELHI-42	De lhi	Others	0.58	90.60	65.80	39.50	8.90	0.02	0.01
39	Powdertek A-18a, Naraina Industrial Area Phase - I , Delhi - 110028	De lhi	Others	0.59	Not analysed	Not analysed	5.00	Not analysed	0.00	
40	Premier Electroplating Works, A-27G,Gali No.4, Anand Parbat Industrial Area, Delhi -05	De lhi	Others	0.40	117.00	29.80	46.10	8.50	0.02	0.00
41	R.K Industries, Plot No.-5, Gali No.9, Anand Parbat Industrial area,Delhi-05	De lhi	Others	0.07	72.30	18.50	42.10	8.90	0.00	0.00
42	Radha Electroplaters, 50/21, Street No. 1, Anand Parbat Industrial Area , Delhi - 110005,	De lhi	Others	0.23	77.60	15.50	39.20	7.60	0.01	0.00
43	Sanjay Electroplating, 52/14, A-6, Gali No. 4D 3,Anand parbat Industrial Area, Delhi-05	De lhi	Others	0.22	125.00	31.80	32.80	6.60	0.01	0.00

44	SPOKESMAN INDIA B-2622, DSIIDC, NARELA INDUSTRIAL AREA, DELHI-110040	De lhi	Others	0.21	48.00	Not analysed	26.00	Not analysed	0.01	
45	SRI JAGDAMBE TRADERS 340/3, GALI NO 1B, FRIENDS COLONY IND. AREA, SHAHDARA, DELHI-110095	De lhi	Others	0.70	113.00	29.40	22.70	3.50	0.02	0.00
46	Subash Sales Pvt LTD B-34, LAWRENCE Road Industrial Area, Delhi-110035	De lhi	Others	0.60	180.00	16.40	42.00	5.40	0.03	0.00
47	Speculum finish 20, D side Complex, Wazirpur Industrial Area, Delhi - 110052	De lhi	Others	0.80	71.80	Not analysed	12.40	6.90	0.01	0.01
48	Tarun Electronics C-171, Phase-i, Naraina Industrial Area, Delhi - 110028	De lhi	Others	0.68	Not analyse d	Not analysed	4.00	Not analysed	0.00	
49	Vee Jay Sales Corporation C-297, Ph-ii, Mayapuri Industrial Area , Delhi - 110064	De lhi	Others	0.38	Not analyse d	Not analysed	2.00	Not analysed	0.00	
50	Vikram Enterprises K-30, Mazznine Floor, Udyog Nagar Industrial Area, New Delhi - 110041	De lhi	Others	0.70	Not analyse d	Not analysed	20.40	Not analysed	0.01	
51	Ghazipur Slaughter House Delhi Food Processing Complex (Meat) Of MCD,Pocket B, Food Processing Complex,Ghazipur,Delhi-110096	Del	Slaugh ter House	456.00			24.60	4.32	11.22	1.97
52	wingrow Gravures Pvt.Ltd. 58, S.S.I Co-operative Industrial Estate, G.T Karnal Road Delhi-110022	De lhi	Other	0.15	85.20	16.10	35.40	7.40	0.01	0.00
53	Vikas Electroplators , M-11, Stret No.1, Anand Parbat Industrial Area Delhi-110005	De lhi	Other	0.12	57.00	22.10	29.00	16.50	0.00	0.00
54	Poultry House B-1 Pocket,Ghazipur	Un azi	Others	44.80	145.50	Not analysed	32.00	Not analysed	1.43	

S.No	Name & address of the GPI	District	Sector	Flow of ETP, OUTLET, KLD	ETP Outlet value NH3, mg/l	NO3 OUTLET, mg/l	Load OUTLET, kg/day	Load nitrate outlet, kg/day
1	S.B. ENTERPRISES H-5, PHASE-3, BADLI INDUSTRIAL AREA, DELHI-110042	Delhi	Textile	3000	7.3	21.5	21.9	64.5
2	City Thread (India) PVT. LTD, A-15, Jhilmil Industrial Area, Delhi – 110095	Delhi	Textile	670	4.7	75.1	3.149	50.317
3	Ghazipur Slaughter House Delhi Food Processing Complex (Meat) Of MCD,Pocket B, Food Processing Complex,Ghazipur,Delhi-110096	Delhi	Slaughter House	456	24.6	4.32	11.2176	1.96992
4	Mother Dairy Fruit & Vegetable Pvt. Ltd. Unit Mother Dairy, Mother Dairy,Patparganj, delhi - 92	Delhi	Food & Beverages	357.4	4.8	1.8	1.71552	0.64332
5	Delhi Milk Scheme, West Patel Nagar,Delhi-110008	Delhi	Food & Beverages	193.840	7.8	2.4	1.511952	0.465216
6	Tiwari Hosiery Factory F-1900,dsidc, Narela Industrial Complex, Delhi - 110040	Delhi	Textile	6.500	4	21	0.026	0.1365
7	DEOR METAL INDUSTRIES PVT. LTD 16-17/340, GALI NO. 1B, GT ROAD, SHAHDARA, FRIENDS COLONY INDUSTRIAL AREA , DELHI – 110095	Delhi	Others	2.000	22.5	3.9	0.045	0.0078
8	Shine Well Enterprises D-148, Phase-II, Mayapuri Industrial Area , Delhi - 110064	Delhi	Other	0.500	39	14.5	0.0195	0.00725
9	Speculum finish 20, D side Complex, Wazirpur Industrial Area, Delhi - 110052	Delhi	Others	0.800	12.4	6.9	0.00992	0.00552
10	MANGLA HANDLES PLOT NO. 101, PHASE-II, BADLI INDUSTRIAL ESTATE, DELHI-42	Delhi	Others	0.580	39.5	8.9	0.02291	0.005162