



CPCB/IPC-VII/NIA/ 8428

October 27/2021

To

The Chairman
Gujarat Pollution Control Board
Sector 10-A,
Gandhi Nagar - 382043 (Gujarat)

DIRECTIONS UNDER SECTION 18(1)(b) OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 and THE AIR (PREVENTION AND CONTROL OF POLLUTION) Act, 1981, REGARDING ENVIRONMENTAL ISSUES IN NANDESARI INDUSTRIAL AREA.

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 item no. 3.12 dated 24th March, 2005 to issue direction under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 to State Board; and

WHEREAS, amongst others, under Section 16 of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, one of the functions of the Central Pollution Control Board (CPCB), constituted under the Water (Prevention & Control of Pollution) Act, 1974 is to coordinate activities of the State Pollution Control Boards and Pollution Control Committees and to provide technical assistance and guidance to SPCBs/PCCs; and

WHEREAS, amongst others, under Section 16 of the Water (Prevention & Control of Pollution) Act, 1974, one of the functions of the Central Pollution Control Board (CPCB), is to promote cleanliness of streams and wells in different areas of the State; and

WHEREAS, amongst others, under Section 17 of the Water (Prevention & 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 therefore; and

WHEREAS, amongst others, under Section 17 of the Air (Prevention and Control of Pollution) Act, 1981, one of the functions of the State Pollution Control Board (SPCB), constituted under the Air (Prevention and Control of Pollution) Act, 1981 is to plan a comprehensive programme for the prevention, control or abatement of air pollution and to secure the execution therefore; and

WHEREAS, under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 no person shall without the previous consent of State Board establish or take step to establish any industry, operation, or process or any treatment or disposal system or an extension or addition thereto, which is likely to discharge sewage or trade effluent into a stream or well or sewer or on land; and

WHEREAS, CPCB has received public complaints regarding various environmental issues such as Air Pollution, Water Pollution, Odour issues, etc. in the area surrounding Vadodara.

WHEREAS, a joint team from CPCB and GPCB visited GIDC, Nandesari, on 27/09/2021 w.r.t. a public complaint and during visit of the area, the following environmental issues were observed:

- i. The runoff and accumulation of the coloured water from Cell-III of the SLF of Nandesari Environment Control Ltd. (NECL), CHWTSDF site, into the storm water drain and eventually to natural drain which meets surface water bodies.
- ii. Huge quantities of blue & brown coloured solid waste stored in HDPE bags dumped in the open plot behind M/s Panoli Intermediates, plot no. 156 A, B and 157, GIDC Nandesari.
- iii. The vacant plot no. 158 behind M/s Panoli Intermediates, plot no. 132 filled with hazardous/solid waste and highly contaminated coloured water.
- iv. The storm water drains and internal roads in the Nandesari GIDC area accumulated with coloured water at several locations.
- v. Stack emissions of yellow/red fumes and other fugitive emissions from industries in the GIDC and strong odour and fugitive emissions from the spray dryer salt storage area of M/s Panoli Intermediates, plot no. 156 A, B and 157, GIDC Nandesari.

WHEREAS, a team from CPCB revisited the GIDC, Nandesari area, on 04/10/2021 and during visit of the area, the following additional environmental issues were observed:

- i. Dumped blue & brown coloured solid waste as observed in open plot on 27.09.2021 were now covered with top soil without removing the waste.
- ii. Coloured water with strong odour seeping out from plot near the backside of M/s Nirmat Chemicals. Such coloured water seeping indicates dumping &

contamination of soil in the area or any unauthorized discharge line below the ground. Such conditions may pose serious threat to the environment by contamination of the soil, ground water in the area and natural drains/ surface water bodies.

NOW, THEREFORE, in view of above observations and in exercise of power conferred under 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974, and the Air (Prevention and Control of Pollution) Act, 1981 you are hereby directed to take appropriate measures for the compliance of following:

1. Assessment of quantum of unauthorized industrial hazardous waste dumped in the open plots, its removal and safe disposal based on characterization.
2. Collection and disposal of coloured contaminated water and dumped waste from the vacant plot no. 158.
3. Carrying out detailed investigation about above-said observations by identifying the source of pollutants and taking punitive action including the levy of Environmental Compensation against the erring industries and carry out complete remedial and restoration of all such affected sites.
4. Undertaking surveillance of industries and common facilities in the estate to ensure compliance and to control fugitive emissions, unauthorized discharge, dumping, etc. and to ensure appropriate action against the defaulting industries/facilities.
5. Carrying out detailed study of the hot spots/probable contaminated sites in the estate for necessary corrective actions.

The action taken by GPCB shall be intimated to CPCB within 15 days of receipt of these directions, which should include time bound detailed action plan about the removal & safe disposal of dumped hazardous waste, coloured contaminated water, action taken against defaulting industries/facilities, identification and characterization of hotspots, steps required to control the issues of water pollution, air pollution, hazardous waste management etc. and to restore the environment in the area.

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(Tanmay Kumar)
Chairman

Copy to:

1. The Joint Secretary (CP Division)
Ministry of Environment, Forests & Climate Change,
Indira Paryavaran Bhawan, Jor Bagh Road,
New Delhi -110 003.

2. The Regional Director,
Central Pollution Control Board,
Parivesh Bhawan,
Near Ward Office No-10, Subhanpura,
Vadodara- 390023

: to follow-up for
necessary action.

3. MS, CPCB, Delhi.

✓ 4. I/c IT Division, CPCB, Delhi

: to upload on
CPCB website


(Prashant Gargava)
Member Secretary