



TELANGANA STATE POLLUTION CONTROL BOARD
Paryavarana Bhavan, A-III, Industrial Estate, Sanathnagar, Hyderabad-500 018
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Order No. SRD-283/TSPCB/UH-V/TF/2020- 612

Dt. 24.08.2020

Sub : TSPCB - Municipal Solid Waste Dumping Yard located at Plot No. 50-55, IDA, Phase-II, Patancheru, Sangareddy District - Water (Prevention and Control of Pollution) Amendment Act, 1988 and Air (Prevention and Control of Pollution) Amendment Act, 1987 - **Directions** - Issued - Reg.

- Ref :**
1. MoEF & CC Notification on Solid Waste Management Rules, 2016 vide SO No. 1357(E), dated 08.04.2016.
 2. Directions of the Hon'ble NGT in Original Application No. 1038/2018.
 3. Complaint dated 18.11.2019 from M/s Asian Paints Ltd., Plot No.50-55, IDA, Phase -II, Patancheru, Sangareddy District received through Prajavani.
 4. Inspection of the dumpsite by the PCB officials on 20.11.2019 & 24.01.2020.
 5. RO Sangareddy letter dt.03.02.2020 to Deputy Commissioner, Circle 22, Serilingampally Zone, RC Puram & Patancheru (M), Sangareddy District and the Zonal Manager, TSIIC, Patancheru (M), Sangareddy District.
 6. Letter dated 30.01.2020 from the Vice Chairman and Managing Director, TSIIC requesting the Deputy Commissioner, Circle 22, Serilingampally Zone, RC Puram & Patancheru (M), Sangareddy District.
 7. Letter dt.08.02.2020 from Deputy Commissioner, Circle 22, Serilingampally Zone, RC Puram & Patancheru (M), Sangareddy District.
 8. Letter dated 16.03.2020 from the industry addressed to the O/o the Collector and District Magistrate.
 9. E-mail dated 07.05.2020 from the industry addressed to RO, Sangareddy.
 10. Inspection of the dumpsite by the PCB officials on 10.06.2020.
 11. Letter dated 11.06.2020 from the M/s. Asian Paints.
 12. Hearing held on 14.07.2020 through online.

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1. **WHEREAS**, you are operating the Dumping of Municipal Solid Waste located at Plot No. 50-55, IDA, Pahse-II, Patancheru, Sangareddy District adjacent the M/s. Asian Paints Ltd.,
2. **WHEREAS**, vide reference 1st cited, the MoEF & CC, Government of India notified Solid Waste Management Rules, 2016 dated 08.04.2016 under Environment (Protection) Act, 1986 in supersession of the Municipal Solid Waste (Management & Handling) Rules, 2000 to regulate the management and handling of Solid Wastes.
3. **WHEREAS**, vide reference 2nd cited, the Hon'ble NGT, New Delhi has taken up the news item published in "The Asian Age" authored by Sanjay Kaw titled "CPCB to rank industrial units on pollution levels" and numbered as Original Application No. 1038 of 2018 has issued certain directions from time to time to the State Government. As per CPCB study, "Patancheru-Bollaram" area with CEPI score of 70.07 is categorized as Critically Polluted Area (CPA) in Telangana State. The Hon'ble NGT has directed that no further polluting activities shall be located in the critically polluted area. As the Patancheru IDA is a Critically Polluted Area, the Hon'ble NGT has imposed ban on any further polluting activities in IDA, Patancheru. The location of the GHMC intermediate transfer station for storing of municipal solid waste will add to further pollution in the area in the form of leachate & air pollution which may attract adverse directions from Hon'ble NGT.

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4. **WHEREAS**, vide reference 3rd cited, a complaint dt.18.11.2019 has been received from M/s.Asian Paints, Plot No.50-55, IDA, Phase-II, Patancheru, Sangareddy District through Prajavani regarding dumping of municipal solid waste adjacent to their premises wherein they have submitted the following objections/concerns:
- As Asian Paints produces paints, and there are flammable materials that are handled continuously in the plant for the production activities, there is a potential risk of fire safety if the dumping station is located next to the premises.
 - This facility could lead to stagnant waste, pest and rodent infestation exposing the employees and workers to associated health issues.
 - The Patancheru Lake is located nearby and the dumping of debris and waste would likely increase the risk of contamination of the lake water due to leachate.
 - The waste management facility is likely to emanate foul smell and dust. The area where it is proposed is adjacent to our premises.
5. **WHEREAS**, vide reference 4th cited, the Board officials inspected by the industry on 20.11.2019 & 24.01.2020 and the following were observed during the inspection:-
- During the inspection, Sri.K.Naveen Reddy, Supervisor was present.
 - He informed that the present location is only a intermediate transfer station, and the household domestic waste from 3 wards i.e., Bharthinagar, RC Puram and Patancheru is being received daily and an approximate quantity of 90-100 tons is being received, which is sent to Integrated Municipal Solid Waste Management Project at Jawaharnagar, MedchalMalkajgiri District.
 - It was informed that the TSIIC has allocated the Plot No.50-55, IDA, Phase – II, Patancheru, Sangareddy District to GHMC on lease basis for locating the intermediate transfer station.
6. **WHEREAS**, vide reference 5th cited, the RO, Sangareddy has addressed letter dt.03.02.2020 to the Deputy Commissioner, Circle 22, Serilingampally Zone, RC Puram & Patancheru (M), Sangareddy District and the Zonal Manager, TSIIC, Patancheru (M), Sangareddy District with a request to immediately relocate the dumpsite outside the IDA, to a suitable other area and also intimating that the Board will be constrained to initiate legal action in case of non-compliance, as per the directions of Hon'ble NGT.
7. **WHEREAS**, vide reference 6th cited, the RO, Sangareddy has received a letter dated 30.01.2020 from the Vice Chairman and Managing Director, TSIIC requesting the Deputy Commissioner, Circle 22, Serilingampally Zone, RC Puram & Patancheru (M), Sangareddy District to immediately initiate necessary action as per the letter of EE, TSPCB.
8. **WHEREAS**, vide reference 7th cited, the RO, Sangareddy has received a letter dated 08.02.2020 from Deputy Commissioner, Circle 22, Serilingampally Zone, RC Puram & Patancheru (M), Sangareddy District submitting the following:
- The Commissioner, GHMC vide Ir.dt.28.08.2018 accorded permission for construction of the new modernized, mechanized and eco friendly new transfer station will be built in association with the M/s HIMSW Ltd and measure are being taken to reduce inflow of waste into transfer station by increasing onsite composting at household level.
 - The transfer station have to be within 5 KM radius of homes and industry generating waste and GHMC transfer station do not stock waste except at Jawahar nagar.
 - Deputy Commissioner, Circle 22, Serilingampally Zone requested the TSPCB to allow operation of MSW handling beside the Asian Paints.
9. **WHEREAS**, vide reference 8th cited, again complainants addressed letter dt.16.03.2020 to the O/o the Collector and District Magistrate and vide reference 9th cited, e-mail addressed to RO, Sangareddy regarding dumping of municipal solid waste adjacent to their premises wherein they have expressed the same objections/concerns mentioned above.

10. **WEHREAS**, vide reference 10th cited, RO, Sangareddy have once again inspected the dumpsite on 10.06.2020 to verify the status, in this regard it was observed that the dumping is still going on. And also foul smell and formation of leachate pools were observed within the dump yard premises. Due to the ongoing monsoon season, the leachate generated may contaminate the ground water and storm water flowing towards the NakkaVaagu. There is every possibility and high risk involved due to this dump yard to the industry where the flammable materials like solvents and monomers (like styrene liquid) are handled, there is a potential safety risk as it is an open site next to the plant premises.
11. **WHEREAS**, vide reference 11th cited, a complaint letter dated 11.06.2020 has been again received from M/s. Asian Paints, Plot No.50-55, IDA, Phase -II, Patancheru, Sangareddy District regarding dumping of municipal solid waste adjacent to their premises wherein they have submitted the following objections/concerns:
- i. Leachate – Leachate pools are formed inside the transfer dump yard site due to recent rains and producing unpleasant odours. This shall lead to surface and ground water contamination.
 - ii. Fire Hazard – There are flammable materials like solvents and monomers which are handled while manufacturing point – there is a potential fire safety risk as it is an open site next to plant premises. The threat will aggravate because of rag pickers who burn the wastes for getting valuable materials like metals. Due to this, fire flares might reach into our factory which leads to major fire accidents. Considering the temperature on summer self – initiation of the fire might happen in those wastes which will lead to major accidents impacting the entire Patancheru, IDA.
 - iii. NGT order violation: Patancheru IDA is a critically polluted area, the Hon'ble NGT has imposed a ban on any further polluting activities in IDA, Patancheru. This location of GHMC waste transfer facility will add to further pollution in the area in the form of leachate and air pollution. The plastic and leachate from MSW enter into the big lake (Saku Lake) adjacent to the facility. Threat to the aquatic animals and livelihood of the fishermen depending on the lake. Presence of this waste transfer facility is a violation of NGT order. Contamination of Ground Water and Nakka Vaagu drain – during monsoon, the leachate generated from MSW is likely to contaminate runoff water and thereby contaminating ground water and storm water flowing towards Nakka Vaagu (NGT – Case).
 - iv. Health – Municipal SW release poisonous gases and pungent odors, these gases and odours cause serious illness to the employees working inside the factory.
 - v. MSW transporting vehicles operating continuously emitting a lot of dust and releasing foul smell, many employees raising grievances on health grounds.
 - vi. Rodent and fly infestations – Rodents, flies and other insects from the MSW facility might enter our factory and cause infections / nuisance to workmen resulting in an unsafe working environment and create a loss to the factory wealth.
 - vii. Animal waste (bones and skin) from slaughter houses has been dumped in the location which will lead to a risk of public health. In the current situation of coping up with the COVID – 19 Pandemic, animal waste dumping will create a large public resentment among workers creating difficulty to come and work in such an environment, leading to disruption of Asian Paints Ltd., operations.
12. **WHEREAS**, vide reference 12th cited, you are given an opportunity for hearing before the Task Force Committee of the Board on 14.07.2020 through online.

The GHMC officials attended the meeting and the complainant (M/s. Asian Paints) attended the virtual meeting.

The representative of M/s. Asian Paints has stated the following:

- They produce paints, and there are flammable materials that are handled continuously in the plant for the production activities, there is a potential risk of fire safety if the dumping station is located next to the premises,
- The facility could also lead to stagnation of waste, pest and rodent infestation exposing the employees and workers to associated health issues.
- The Patancheru Lake is located nearby and the dumping of debris and waste would likely increase the risk of contamination of the lake water due to leachate.
- Dump is causing odour nuisance in the surroundings and also dust is emanating from the vehicles carrying the waste.
- Solvents and monomers like Styrene are handled, there may be potential risks.
- During summers, light materials which are present in the industry may lead to auto-ignition and fire hazards may occur.
- Leachate pools are formed due to dumping of solid waste and leading to Ground water pollution.

He further informed that Patancheru-Bollaram is Critically Polluted Area and further no new activity is allowed which causes pollution. The location of the GHMC intermediate transfer station for storing of municipal solid waste will add to further pollution in the area in the form of leachate & air pollution which may attract adverse directions from Hon'ble NGT.

The GHMC official stated the following:

- i. On the request of GHMC, land is allotted to them by TSIIC to put-up a transfer station in an area of 2 acres.
- ii. The Municipal Solid waste is brought to the intermediate transfer station from the surrounding residential areas.
- iii. The Solid waste is regularly shifted to Jawaharnagar dumpsite where the waste is scientifically treated.
- iv. Presently, 70 TPD of waste is handled by the Transfer station.
- v. Provided compound wall all around the site and left open about one acre of area towards M/s. Asian Paints as buffer and provided plantation.
- vi. They proposed to provide silos for storing of the waste and will take concreting of the area. Proposals were submitted to higher authorities.

The Committee opined that GHMC shall furnish undertaking on the measures taken and propose to take on the handling of MSW duly complying with Solid Waste Management Rules, 2016, within 2 days. The Committee recommended that the facility may be issued with certain directions to comply within one month.

13. **WHEREAS**, after careful consideration of the material facts of the case, the Board hereby issue following directions to your facility to comply **within a month**:

1. The facility shall carry the waste in vehicles with proper covering.
2. The facility shall not cause odour in the surroundings and odour reducing chemicals shall be sprayed in the entire dump yard. The facility shall act as transfer point only and the waste shall not be stored in the premises. The waste shall be lifted on daily basis.
3. The facility shall handle the waste in scientific manner.
4. The facility shall concrete the entire area and shall ensure that leachate pools are not formed.
5. The facility shall maintain proper housekeeping.
6. The facility shall not lead to stagnation of waste and shall provide silos for storing of waste.
7. The facility shall provide greenbelt all along the boundary and shall maintain buffer zone towards M/s. Asian Paints Ltd.
8. The facility shall take all necessary measures to avoid any burning of solid waste, failing which environmental compensation will be levied against the occupier.

9. The facility shall provide sheds to store the waste temporarily and ensure that the contaminated rain water shall be collected properly and does not reach the Patancheru lake.
10. The facility shall furnish an undertaking on the above points within a week.

14. These directions are issued under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Sec. 31 (A) of Air (Prevention and Control of Pollution) Amendment Act, 1987.
15. The above mentioned directives shall be implemented by the industry, failing which legal action will be initiated against your industry under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Sec. 31 (A) of Air (Prevention and Control of Pollution) Amendment Act, 1987 directing closure of the industry in the interest of Public Health and Environment, without further notice.

**Sd/-
MEMBER SECRETARY**

**To
The Deputy Commissioner, Circle 22, GHMC,
Serilingampally Zone, RC Puram & Patancheru (M), Sangareddy District.**

Copy to:

1. The District Magistrate & Collector, Sangareddy for kind information.
2. The Commissioner, GHMC for information and necessary action.
3. The Zonal Manager, TSIIC, Patancheru (M), Sangareddy for information and necessary action.
4. The JCEE., Z.O., R.C.Puram for information and necessary action.
5. The Environmental Engineer, Regional Office, Sangareddy for information and necessary action. He is directed to monitor the facility for compliance of the directions issued and shall submit status report.
6. Concerned file.

// T.C.F.B.O //


**Senior Environmental Engineer (FAC)
(UH-V)**

