



**SPEED POST**

B-29016/04/06/IPC-I/ 18858

March 19, 2018

To

**The Chairman  
Madhya Pradesh Pollution Control Board  
E-5, Arera Colony, Paryavaran Parisar,  
Bhopal, Madhya Pradesh- 462016**

**Sub: Directions under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 in the matter to check and stoppage the effect of Water & Air Pollution on nearby people's health caused by industries situated in Nagda Junction, District Ujjain, Madhya Pradesh - reg.**

WHEREAS, under Section 17 of the Water (Prevention & Control of Pollution) Act, 1974, one of the function of the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) is to plan a comprehensive programme for the prevention, control or abatement of pollution of streams, wells and air pollution in the State of Madhya Pradesh and to secure the execution thereof; and

WHEREAS, under section 16 of the Water (Prevention and Control of Pollution) Act, 1974 and under Section 16 of the Air (Prevention & Control of Pollution) Act, 1981, 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 State Pollution Control Boards and Pollution Control Committees and to provide technical assistance and guidance to SPCBs / PCCs; and

WHEREAS, the M/s Grasim Industries Limited, Birlagram, Nagda, M.P. (herein after referred as the Unit) are identified as one of highly polluting industries which have been discharging environmental pollutants directly or indirectly into the ambient air and water, having potential threat to cause adverse effect on the water and air quality; and

WHEREAS, a letter dated November 02, 2107 received from Sarvhara Samaj Sh. Seva Samiti, Nagda, Ujjain M.P. regarding to check and stoppage the effect of Water & Air Pollution on nearby people's health caused by industries situated in Nagda Junction, District Ujjain, Madhya Pradesh; and

WHEREAS, the Unit was inspected by a team of official(s) from the CPCB Regional Directorate, Bhopal on December 12, 2017 to assess the adequacy of the existing pollution control measures w.r.t Public complaint on Grasim Industries in Nagda with the following observations:

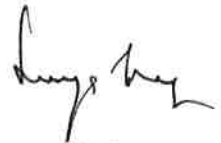
1. Water samples were collected from seepage water of chemical division from M/s Grasim Industries Ltd. (Chemical Division) drain and found exceedance w.r.t permissible limit TDS (21249 mg/l > 2100 mg/l); Chloride (1010 mg/l > 1000 mg/l).
2. Water samples were collected from Discharge drain of M/s Grasim Industries Ltd. at Khilkipura and found exceedance w.r.t permissible limits TSS (125 mg/l > 100 mg/l); TDS (5446 mg/l > 2100 mg/l); BOD (55 mg/l > 30 mg/l).

3. Water samples were collected from the Chambal river drain at Village Parmarkhedi. The analysis result was found exceedance w.r.t permissible limits BOD (53 mg/l > 3.0 mg/l) & which was found Class E as per CPCB Water Quality Criteria.
4. The ground water samples were collected in and around Nagda to assess the ground water quality in Nagda area and found exceedance w.r.t permissible limit pH (5.97 < 6.5-8.5 at Location-3); TDS was found exceed at 4 Locations w.r.t (TDS-4530 > 2000 mg/l at Location-2, 10755 > 2000 mg/l at Location-3, 2588 > 2000 mg/l at Location-4 and 8331 > 2000 mg/l at Location-6; Chloride (1575 mg/l > 1000 mg/l at Location 2; Total Hardness: was found exceed at 4 Locations (1790 > 600 mg/l at Location-2, 4179 > 600 mg/l at Location-3; 1018 > 600 mg/l at Location- 4; 2771 > 600 mg/l at Location-6); Cadmium (1.60 mg/l > 0.003 mg/l at Location-6); Iron: exceeds w.r.t 0.3 mg/l at all Locations); Manganese (1.418 mg/l > 0.3 mg/l at Location-3 & 0.6449 mg/l > 0.3 mg/l at Location-4); Nickel (0.033 mg/l > 0.02 mg/l at Location-2 & 0.0739 mg/l > 0.02 mg/l at Location-3).

WHEREAS, the ground water contamination in and around Nagda was due to indiscriminate discharge of treated and untreated industrial and domestic wastewater by Chemical division of M/s Grasim Industries Nagda, M/s Grasim Industries at Khilkipura and other industrial units located in the area in to the Chambal River; and

NOW, THEREFORE, in exercise of the powers conferred under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974, the following directions are hereby issued;

- (i) That Madhya Pradesh Pollution Control Boards (MPPCB) for immediate compliance by submitting the action plan to treat the polluted Chambal river stretch for restoration of water quality from Nagda to Rampura region.
- (ii) MPPCB shall direct the industries located in Nagda region not to discharge industrial effluent without treatment in to the River Chambal and asked the industries to install online effluent monitoring system of all the parameters w.r.t. pH, BOD, COD, TSS, Flow and provide connectivity to CPCB.
- (iii) MPPCB shall also direct the Municipal bodies not to discharge the untreated sewage to the River.
- (iv) MPPCB shall direct the units to submit study report on ground water contamination and remediation measure and achieve the ZLD by maximum reutilised/recycled the treated effluent.
- (v) MPPCB shall direct the responsible units for ground water contamination to make arrangement of drinking water for affected villages in the area.
- (vi) CPCB will levy environmental compensation charges from the units in case found non-compliance.



(S.P. Singh Parihar)  
Chairman

Ensd 20.3.18


**Copy to:**

1. The Advisor(CP Division)  
Ministry of Environment, Forests and Climate Change  
Prithvi Wing, 2nd Floor, Room No. 216  
Indira Paryavaran Bhawan  
Aliganj, Jor Bagh Road  
New Delhi - 110003

2. The Regional Director  
Central Pollution Control Board  
4<sup>th</sup> Floor, Sahkar Bhawan  
North T.T. Nagar, Bhopal- 462003

✓ 3. I/c IT Division, CPCB

4. I/c IPC-VI

  
**A. Sudhakar**  
(Member Secretary)