



B-4002/PCI(SSI)/2016/ASS. 4898

September 21, 2016

To,  
The Chairman  
Rajasthan Pollution Control Board  
A-4, Jalane Dungri Institutional Area  
Jaipur - 302 004  
Rajasthan

**Sub: DIRECTIONS UNDER SECTION 18(1) (b) OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 & THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981, IN THE MATTER OF O.A. no. 124/2015 & 127/2016, BHIWADI, RAJASTHAN**

Sir,

WHEREAS under Section 17 of the Water (Prevention & Control of Pollution) Act, 1974, one of the functions of the Rajasthan Pollution Control Board, constituted under Water (Prevention and Control of Pollution) Act, 1974 is to plan a comprehensive programme for the Prevention, Control or Abatement of Water Pollution in the State of Rajasthan and to secure the execution thereof:

WHEREAS under Section 17 of the Air (Prevention & Control of Pollution) Act, 1981, one of the functions of the Rajasthan Pollution Control Board, constituted under Air (Prevention and Control of Pollution) Act, 1981 is to plan a comprehensive programme for the Prevention, Control or Abatement of Air Pollution in the State of Rajasthan and to secure the execution thereof:

WHEREAS in compliance of Hon'ble NGT order dated 17/05/2016 in the matter of O.A. no. 124/2015 & 127/2016, a joint inspection of Bhiwadi, Chopanki, Kaharani and Khushkhara Industrial area, District Alwar, Rajasthan causing Environmental degradation, harm to Agricultural Fields and diseases to nearby residents as alleged were carried out by a team of officers of Central Pollution Control Board, Rajasthan Pollution Control Board, Regional Office Bhiwadi and Haryana Pollution Control Board, Regional office, Dharuhera during 13<sup>th</sup> -24<sup>th</sup> June, 2016 .

WHEREAS Industrial Effluent generated from industries from Industrial area, District Alwar, Rajasthan being discharged in the open drains which are carrying the sewage effluent generated from 05 villages located within the RIICO Industrial Area reaching the CETP for treatment and at present CETP is functioning as STP for treating 40% industrial effluent & 60% sewage effluent, the quantity of combined effluent (industrial and domestic) varies between 9 MLD and 12 MLD.

WHEREAS Industrial effluent samples were collected from the outlet of 16 different categories of industries and out of the total 16 units monitored, 10 units found non-compliant as mentioned below:

1. 05 units of Rolling and Pickling units namely i) M/s Amit Re-Rolling Pvt. Ltd. (TSS 146 & Fe, 9.6) ii) M/s Poonam Strips Pvt. Ltd, (Mn. 5.74) iii) M/s Pannar

Strip Pvt. Ltd.,(TSS 215, Fe, 12.83 & Mn 2.75) iv) M/s Shri Prakash Prasad Re-Rolling Pvt. Ltd.,(Mn- 121) and v) M/s Nirmal Enterprises,(pH , 9.77 & TSS 154) RIICO Industries Area, Phase-3, Bhiwadi, Rajasthan, are exceeding the Environmental norms. .

2. 02 units of Electroplating namely i) M/s Prayag Polymers Pvt. Ltd and ii) M/s HIL, Bhiwadi Rajasthan are also exceeding the prescribed limits. Values of Chromium, Iron, Lead, Nickel, Copper, Zinc are much higher than permissible limits as 44.6, 30.57, 1.41, 32.4, 12.2, 19.4 respectively at M/s Prayag Polymers Pvt. Ltd. unit and the value of Zinc is higher in M/s HIL, Bhiwadi Rajasthan.
3. 02 Pharmaceutical units i) M/s Alka Laboratories and ii) M/s Shanti Drugs Pvt. Ltd exceeding the prescribed norms of BOD (43 mg/l) and BOD (87 mg/l) & TSS (146 mg/l) respectively.
4. 01 unit Brewery unit M/s Winsome Breweries is exceeding the limit of BOD (372 mg/l), COD (1835 mg/l) and TSS (988 mg/l).

WHEREAS CETP, Bhiwadi found non-complying with the environmental norms. Analysis result of CETP is exceeding the limit of BOD (122 mg/l), COD (281 mg/l), TDS (2288 mg/l) and Mn (6.03 mg/l). .

WHEREAS, the analytical results of samples collected from all 06 locations of Waterlogged/ponding areas of entire area of concern at Bhiwadi, Haryana and along the border of Haryana - Rajasthan and junction point of Haryana and Rajasthan, the values of Physicochemical parameters i.e. BOD, (52 mg/l) and TSS (160 mg/l) are high in the effluent, near Nagina Border (Border area of Haryana and Rajasthan) Kehrani (Bhiwadi) , Khuskhera (Bhiwadi) whereas heavy metals are found within the desirable limit except Manganese at two locations ( Khuskhera and Nand Rampurbas waterlogged areas) indicating the Domestic effluent characteristics of waterlogged areas.

WHEREAS analytical results of soil samples collected from all 11 waterlogged/ponding locations for heavy metals in Soil samples found in very high range (Cr, 14.8-11888.8 mg/l; Cu-4.5-1031.3 mg/l; Fe 6257-59277.4 mg/l; Pb 4.5-684.6; Mn- 131-1121 mg/l; Ni- 10-169.5 mg/l & Zn 14.6-410.6 mg/l) indicating that the land has been contaminated by the industrial effluent which may further contaminate the ground water of area in near future. This could be the main cause of degradation of agricultural land and hence the cause of human disease.

**NOW, THEREFORE,** in consideration of the above observations and findings, in exercise of powers conferred under section 18 (1) (b) of the Air (Prevention & Control of Pollution) Act, 1981, and Water (Prevention and Control of Pollution) Act, 1974 the following directions are issued to Rajasthan Pollution Control Board for compliance.

1. To ensure that the effluent discharged by the industries shall meet the norms prescribed in the Schedule-VI of EPA, 1986, and Sector specific standards



notified under Schedule- I of EPA, 1986, whichever is applicable. SPCB shall also ensure that all the industries install Electro Magnetic Water flow meter at outlet of the ETP.

2. All the member units of CETP shall comply with the inlet design parameters of CETP, in case of industrial effluent reaching to CETP.
3. Rajasthan Pollution Control Board shall direct the Rajasthan State Industrial Development and Investment Corporation (RIICO) to improve the existing drainage/sewage system in Industrial Area developed by them namely Bhiwadi, Chopanki, Kaharani and Khushkhera, District Alwar, Rajasthan and lay down a separate and an appropriate conveyance system to carry industrial effluent to CETP.
4. Rajasthan Pollution Control Board shall direct RIICO not to make any further expansion and development of new Industrial area without providing proper infrastructure like laying down the conveyance system for industrial effluent and also provide well designed sewerage and drainage system in the upcoming industrial area.
5. Rajasthan Pollution Control Board shall keep strict vigil on every industrial unit as well as CETP to ensure compliance of stipulated environmental norms and take strict action under the provision of the Water & Air (Prevention and Control of Pollution) Acts, 1974 & 1981 against the defaulting industrial units of CETP and submit quarterly report to CPCB.

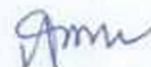
The Action Taken Report shall be submitted to the Central Pollution Control Board within 30 days from the date of receipt of these directions.



(S.P.S.PARIHAR)  
CHAIRMAN

**COPY TO:**

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(A.B. Akolkar)  
Member Secretary