



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

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MEMO NO.: 0304 -5L/WPB-2006/M-14

DATED : 20-04-2007

DIRECTION

WHEREAS, **M/S. MEJIA THERMAL POWER STATION OF D.V.C.** (hereinafter referred as MTPS) operate its thermal power plant at Durlavpur, Dist. – Bankura.

WHEREAS, a public complaint was lodged by the villagers of Latiabani to the Ministry of Environment and Forests, Government of India which was ultimately forwarded to the WEST BENGAL POLLUTION CONTROL BOARD (hereinafter referred as the Board). The villagers alleged that the fly ash generated from the thermal power station is seriously affecting the atmosphere of the village. They also mentioned in the complaint letter that the fugitive dust from the coal crusher of MTPP is also affecting the village.

WHEREAS, an inspection was carried out by the Regional Office of the Board on 10-01-2007 to verify the complaint. The inspection report corroborated the allegation made by the villagers. It is noted during the inspection that there is serious mis-management of fly ash in the fly ash pond. The fly ash and bottom ash in the slurry form is discharged to the fly ash pond at the northern side of the pond. But there is no uniform distribution of the fly ash discharged in the pond resulting in accumulation of heaps of dry fly ash in the northern side of the pond. The latiabani village is situated further north of the fly ash pond. Because of the accumulation of the dry fly ash, the ash is blown by wind from the heap of fly ash and affect the air quality of the village. The inspection report also revealed non-compliance of emission in respect of particulate matter on three occasion during 2006. On February, 2006 the monitoring results indicate particulate emission of 503.70 mg/Nm³ from boiler-2. On 25-08-2006 the emission from boiler-3 was 247.14 mg/Nm³.

WHEREAS, a public hearing was conducted on 23-03-2007 in the Head Office of the Board involving MTPS and the complainants.

WHEREAS, in the hearing MTPS submitted that they have arranged for collection of dry fly ash only in unit-4. But as per CREP condition the unit is supposed to provide dry fly ash collection in all the four units. MTPS also submitted that they have taken some measures for removing the heaps of fly ash on the North side of the fly ash pond. But the clarification was unsatisfactory. It was also noted during the inspection that they are still discharging overflow from the fly ash pond, which is contrary to the CREP condition. As per CREP, the unit is required to arrange for the 100% recycling of ash pond overflow. Regarding the coal crusher the unit has no substantial control system to reduce the dust in coal crusher unit.

NOW THEREFORE, in exercise of the powers conferred under Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 & Rules made thereunder and Hazardous Waste (Management & Handling) Rules and its subsequent amendments, as also non-compliance of conditions stipulated under CREP for thermal power plant, **M/S. MEJIA THERMAL POWER STATION** is hereby directed as follows

1. M/S. MTPS will have to submit a time bound action plan within fifteen days from the date hereof for proper management of ash in the fly ash pond, arrangement of dry fly ash collection in

- all the three remaining units as per CREP condition. The action plan should also include arrangement for 100% re-cycling of ash pond over flow and compliance of emission standard by improving the efficiency of E.S.P. in all the four units.
2. M/S. MTPS will have also to arrange for proper dust suppression measure in coal crusher unit, especially dry defogging for minimizing the secondary emission of the dust from coal crusher unit.
 3. All these action are required to be completed within six months .
 4. M/S. MTPS will have to immediately obtain authorisation from the Waste Management Cell of the Board
 5. **M/S. MTPS will have to submit a Bank Guarantee [proforma enclosed] of Rs.15.00 Lakhs (Rupees Fifteen Lakhs) valid for twelve (12) months within fifteen (15) days from the date hereof in favour of the WEST BENGAL POLLUTION CONTROL BOARD as an assurance for compliance of the above directions.**

In case of the non-compliance of the above directions by the industry within the stipulated time, the Board may have to issue necessary regulatory order without any further reference.

This has the approval of the Competent Authority.

By Order

Sd/-

(Dr. D. Chakraborty)

**Chief Scientist & Head-Technical Cell
West Bengal Pollution Control Board**