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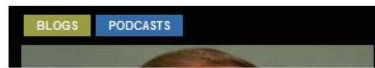
Dikshit inaugurates effluent treatment plant made by SPML

India Water Review : July 10, 2011, 4:31 pm



New Delhi : Delhi Chief Minister Sheila Dikshit on July 9 inaugurated a common effluent treatment plant (CETP) at Bawana Industrial Estate for treating effluents and polluted water discharged from nearby industrial units.

The CETP plant in north Delhi has been set up by Delhi-based water infrastructure developer SPML Infra for Delhi State Industrial and Infrastructure Development Corporation (DSIIDC) at an investment of Rs 53.74 crore. Spread over 53,000 sq metres, the CETP will serve more than 20,000 industrial units.



The plant at Bawana industrial area is the fourth constructed by SPML for DSIIDC, which has set up 13 CETPs across the city. SPML has constructed the other three CETPs at Okhla industrial area, Naraina industrial area and Lawrence Road.

Bawana has emerged as a major industrial area after the Supreme court directed the Delhi Government to close down polluting industries in non-conforming/residential areas in Delhi and relocate them to new industrial areas and flatted factory complexes.

DSIIDC has constructed CETPs at Wazirpur, Mangolpuri, Mayapuri, Lawrence Road, Jhilmil, Badli, Okhla industrial area, GTK Road, S.M.A industrial area, Nangloi, Naraina and Narela for the treatment of effluent generated in the industries situated in these industrial areas.

"The effluent will be pumped to the plant through raw effluent pumping station situated in various sectors of industrial area by way of rising mains. The treated water will be used for horticulture purposes and help in making entire area green," Dikshit said.

A SPML statement said the company would be responsible for the operation and maintenance of Bawana CETP for three years before it is handed over to DSIIDC.

The common effluent treatment plant is based on the state of the art technology having three tier treatment i.e. primary, secondary and tertiary treatment. The CETP is equipped with the treatment facilities which can remove suspended solid, BOD, COD and other pollutants of the effluent.

The main units of the CETP are screen chambers, O&G removal tank, grit chamber, equalization tank, chemical treatment, clarifiers, aeration tanks, tube settlers, rapid sand gravity filter and centrifuge. The CETP has an outlet effluent COD level of 80-120 mg/l and BOD of 18-26 mg/l against 250 mg/l and 30 mg/l, the EPA standards of treated effluent respectively, the statement added.

SPML Infra Chief Operating Officer Rishabh Sethi said, "The orders from our institutional clients are a testimony of our capabilities in executing large water and wastewater projects. Through our efforts in wastewater treatment, we are contributing to society by not letting wastewater to harm our delicate ecosystems but recycled for further use. Also, at the same time conforming to pollution control norms that require proper treatment and disposal of wastewater generated through industrial activity or otherwise".

"Since we have the pre-requisite proven domain expertise of over three decades in water & wastewater management, we had been chosen as the preferred partner for the project", Sethi added.