

NDMC to set up decentralised sewage treatment plants in schools

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According to NDMC chairperson Naresh Kumar, the council is working closely with NEERI (National Environmental Engineering Research Institute) to implement this plan. NEERI has patented the Phytorid technology, which uses an ecological method to treat water using specific plants, gravel, sand, soil and rocks as different layers, he said.

“Many STPs based in India are working successfully on this technology. We wanted to see the Phytorid technology in action. So we visited two sites in Delhi – one at Wapcos, Gurgaon and other site at Basava International School, Dwarka,” Kumar told Hindustan Times.

“The treated water is being utilised for maintaining the greenery around the office premises in Wapcos, whereas in Basava International School, treated water is utilised to maintain plants along the playground,” he added.

The operational cost in the phytorid system of treatment is less and the treated effluent is used for gardens, fountains and irrigation.

According to Kumar, considering constraints of lack of space, the only option left with the NDMC is to go in for small decentralised STPs in its area.

The NDMC had earlier decided to construct decentralised sewage treatment plants on Public-Private-Partnership (PPP) model at 10 locations in various areas of Central Delhi. The decision was taken at a council meeting chaired by Chief Minister Arvind Kejriwal.

“In March it was decided to construct decentralised sewage treatment plants in NDMC area at 10 locations with the different capacity of treating sewerage water. We have already invited reputed firms for selection as concessioner developers to develop 100 to 500 KLD capacity sewage treatment plants, including operation and maintenance of 12 years,” a senior council official said.

According to the NDMC chairman the tendering has been done and the evaluation process is on. “The work for these STPs will be awarded soon,” Kumar said.

<http://www.hindustantimes.com/delhi/ndmc-to-set-up-decentralised-sewage-treatment-plants-in-schools/story-JZbjmYZPGT7Qd1oKckkNdJ.html>

Ritam Halder | New Delhi | July 20, 2016

NDMC SIGNS AGREEMENT WITH NEERI TO DEVELOP SEWAGE TREATMENT PLANTS

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In a bid to develop green areas and revamp big and small parks under its jurisdiction, the New Delhi Municipal Council (NDMC) has signed an agreement with National Environmental Engineering Research Institute (NEERI) to develop 12 sewage treatment plants (STP).

A senior NDMC official said that the council has signed a Memorandum of Understanding (MoU) with the agency that has an expertise in the field and the project will help increase the green cover in NDMC areas and curb dust pollution..

"NEERI has an expertise in this field and the treatment plants will help NDMC to irrigate its parks. At times, we do not undertake any redevelopment project for our parks because of scarcity of water. But these plants, when installed, will help in revamping our big and small parks which will eventually help in increasing the green cover. NEERI is conducting a study on the locations, which will be fit for installing these plants and after they wrap up their research, NDMC will initiate installation of these plants," said a senior NDMC official.

There are 200 small parks in several colonies under NDMC and five big parks including Lodhi Garden, Nehru Park, and Sanjay Jheel, where the footfall is huge.

"In the first phase, 12 STPs will be installed across our area. Each plant will have a capacity of treating sewage water ranging from 50,000-1 lakh litres. All these plants will be connected to all our parks which will help the horticulture department to maintain the parks. These plants will be installed at schools also and after reviewing the first phase, we will expand it to other areas as well. The agreement that has been signed between the two parties has a clause that NDMC will bear only pumping cost which is economic and NEERI will bear the cost of the project," said the senior official.

He further said that barren lands that have no use under NDMC areas will be developed into green areas under the same project. "We will identify barren lands across our jurisdiction and we will develop them into green areas. Dust pollution is a menace across the capital and developing green area is important to ensure we are able to curb dust pollution," said the senior official.

NDMC has already taken up a plantation drive during a period of six weeks and has set a target of planting 2 lakh trees across their area. A senior official said that around 60,000 trees have been planted after the initiation of the drive.