



Chhattisgarh's First Zero Waste, State-of-the-art Water Treatment Plant

Why in News?

On 26 April 2023, Chief Minister Bhupesh Baghel inaugurated Chhattisgarh's first zero waste, state-of-the-art water treatment plant of 80 MLD capacity at Bhatagaon during a meeting in Raipur South Legislative Assembly.

Key Points

- In the program, he also flagged off 9 backhoe loader vehicles of Municipal Corporation Raipur for solid waste management.
- The state-of-the-art water purification plant has been built at a cost of about Rs 15 crore 86 lakhs.
- The plant will be operated on the lamella tube settler method. It is based on a fully automated system.
- The Chief Minister took the complete process and technical details of the operation of the newly constructed water purification plant & also inspected the control room. On this occasion, he also inaugurated two old water purification plants in Bhatagaon after upgrading them. The capacity of these old water treatment plants has been increased.
- Municipal officials said that the newly constructed water purification plant will play an important role in making the capital Raipur tanker-free and ensuring adequate water availability. Along with this, the modernization of old treatment plants and expansion of capacity will also make the capital tanker-free.
- Six new motor pumps have been installed to increase the capacity in the already established 150 MLD filter plant at Bhatagaon. With these new motor pumps, the plant's capacity to deliver water from 1706 cubic meters per hour has increased to 2046 cubic meters per hour. Similarly, six new motors have been installed in the old filter plant of 80 MLD. The capacity of this plant has increased from 954 to 995 cubic meters per hour.



PDF Reference URL: <https://www.drishtias.com/printpdf/chhattisgarh-s-first-zero-waste-state-of-the-art-water-treatment-plant>


The Vision