Environmental Reporting

Environmental Activities in FY2004

Kubota Corporation is among the first companies to respond to environmental issues. We have been consistently promoting environmental conservation activities, and developing and improving environmentally friendly products. Improvements can be seen in all of our divisions. We have also cleared targets set for global warming prevention measures ahead of schedule. The following are major topics in FY2004:

Public Recognition

Keiyo Plant Was Awarded the Minister of Environment Prize

On April 29, 2005, the Keiyo plant (Funabashi) was awarded the Minister of Environment Prize – an environment creation award for living creature/green division - given to those who contribute to preserve the natural environment, commemorating a national holiday called the Green day. "Kubota Funabashi Forest," the plant's biotope (habitat for wildlife), was awarded with the honor. The Keiyo plant preserved the rich natural environment. In this forest one can see 16 species of dragonflies featured in Tombo-ike (or dragonfly pond), a prominent spot in the biotope. Three species were newly discovered in the Funabashi city area.

Biotope in Keiyo plant

Awards ceremony

Biotope "Kubota Funabashi Forest" Received Commendation.

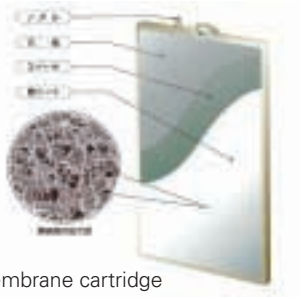
Contribution in the Field of Wastewater Treatment

Kubota Was Selected to Build the World Largest Facility Using the Submerged Membrane Process

"Oman Project"

The Kubota submerged membrane unit is an advanced wastewater treatment, which is basically a solid and liquid separation device with micro pores for wastewater treatment.
In Oman in the Middle East, there is a project to build the world's largest wastewater treatment plant applying the membrane process. Our "submerged membrane unit" was planned to be adopted for the project. Conventional treated water can be used in watering street plants, but it's not suitable for irrigation since it contains parasites unique to the Middle East area. However, a submerged membrane unit can produce treated water that is suitable for irrigation, because it can separate not only such parasites but colon bacilli. The unit is recognized for its space-saving advantage.

Our submerged membrane units have been adopted in the European countries.
Photo: Swanage wastewater treatment plant in England adopting the submerged membrane units



Membrane cartridge

Membrane unit

Major Contribution Made by the Environmental Friendly Membrane Process Type Combined Wastewater Treatment Tank

The Kubota Wastewater Treatment Process Was Adopted at the 2005 World Exposition, Aichi, Japan ("EXPO 2005").

"Nature's Wisdom" was the theme of EXPO 2005 held in the Aichi prefecture. The EXPO promoted the development of a new relationship between humans and the nature.
The Linimo, a linear motorcar, was selected as a means of transportation. The Kubota membrane process type combined wastewater treatment tank was employed as a wastewater treatment system for a comfort station at the Banpaku-yakusa station on the Linimo Tobu Kyuryo Line, because of its environmentally friendly and highly efficient process.

The Wastewater treatment tank with advanced membrane process installed at the Banpaku-yakusa station

Linear motorcar - Banpaku-yakusa station

Quality of discharged water:

Biochemical Oxygen Demand (BOD)	10 mg/liter or less
Chemical Oxygen Demand (COD)	10 mg/liter or less
Total-Nitrogen (T-N)	10 mg/liter or less
Total-Phosphorous (T-P)	1 mg/liter or less