

January 30, 2024

Breakthrough by Dynamic Approach in Sewage High Technology Project (B-DASH Project) “Research and Demonstration Project regarding Sewage Resources Utilization by using New Phosphorus Recovery System” Completion Ceremony Held for Phosphorus Recovery and Fertilizer Conversion Facility

Taiheiyo Cement Corporation (Head Office: Bunkyo-ku, Tokyo; President and Representative Director: Masafumi Fushihara) held a ceremony to mark the completion of a phosphorus recovery and fertilizer conversion facility constructed jointly with METAWATER Co., Ltd. (Head Office: Chiyoda-ku, Tokyo; President and Representative Director: Kenji Yamaguchi) and Tokyo Metropolitan Government Bureau of Sewerage (Head Office: Shinjuku-ku, Tokyo; Tokyo Metropolitan Government Public Enterprise Administrator; Sewerage Bureau Commissioner : Ken Sasaki)

The “Phosphorus Recovery and Fertilizer Conversion Facility”, which was under construction at Sunamachi Water Reclamation Center(Tobu Sludge Plant), Bureau of Sewerage Tokyo Metropolitan Government(hereafter, the “Demonstration Field”), was completed on January 29, 2024, following the adoption of the “Research and Demonstration Project regarding Sewage Resources Utilization by using New Phosphorus Recovery System” as B-DASH Project by the Ministry of Land, Infrastructure, Transport and Tourism in 2023. The project involves the development of a phosphorus recovery and fertilizer conversion facility.

In this project, Taiheiyo Cement will demonstrate the technology to efficiently recover phosphorus from dewatered and separated sewage sludge generated at the demonstration field and convert it into fertilizer at the phosphorus recovery and fertilizer conversion facility operated by METAWATER Co., Ltd., using phosphorus recovery materials Taiheiyo Cement have developed. Based on the results of the research, Taiheiyo Cement will formulate guidelines for the introduction of the technology and aim to promote the spread and development of the new phosphorus recovery technology.



【Completion Ceremony】



【Phosphorus Recovery and Fertilizer Conversion Facility】

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