



Profile

OEC was established in 1962. And since established to now, OEC has been taking charge of numerous projects such as the study, master plan, design and construction supervision of sewerage system, water treatment plant, sewage treatment plant, solid waste disposal, flood prevention facility, etc.

Based on consultant experience for 50 years, OEC is developing a lot of business assistance tools, those which are due to create a design work and optimal operation and maintenance, and also to establish asset management plan including counter measure of concerning a long service life to sewerage and water supply facilities.

OEC's activity and project outcome has been appraising highly by the client.

OEC's Areas of Business

Investigation, Diagnosis, Simulation and Analysis Technology by OEC

Since we cannot stop advance in our consultant services of sanitation and environment engineering, we developed of technology for solution to be able to resolve an environmental matters of diversity and to create a fine situation of the living for habitant continuously.

In accordance with above concept the software which is in developed stage is;

- Bio-solution system and Final Settling Tank simulator is optimal operation for Activated Sludge Process,
- Diagnosis system for strength degradation of structure for civil, architectural by nondestructive testing,
- Diagnosis system for degradation of mechanical and electrical equipments,
- and we will compile of above software of i), ii) and iii) as for the comprehensive operation and maintenance system.

Study, Planning and Design, Maintenance management and Business Management

- Master plan, Feasibility study, Preliminary & Detailed design for Sewerage/ Water supply
- Simulation for realization of flooded area in the sewerage district, etc
- Environmental management study as IEE, EIA & EIS
- Study of control index for activated sludge process regarding reduction of consumption energy. (Bio-solution)
- Supporting establishment of account and management system for public-works corporation.

We would like to contribute to support the protection of environment and the reduction of green house gas using digester gas (methane gas: Bio-mass) instead of fossil fuel. (OEC has designed the biggest co-generation plant use for bio gas in Japan, 2010).

Original Engineering Consultants Co., Ltd.

Our attitude toward overseas project

OEC launched into overseas in 1977 mainly in Korea, and then to Philippine, Singapore, Brazil, Kiribati and so on. The countries have characteristics on culture, history, nature their own. OEC has been attaching a great importance to characteristics as design criteria. Our concept is that; the final results of design work must allow really for client requirement and future plan sufficiently. We would like to have a chance to be able to apply our concept and ideas anywhere.

We show as follows that our developed tools for design aid and a result of design.

