



City & County of Honolulu
Department of Environmental Services



Division of Wastewater Engineering & Construction



Mission

To protect the health, safety and environment of the City & County of Honolulu by executing Wastewater Capital Improvement Projects

Vision

We believe passionately in the power of innovation to best manage our wastewater for a sustainable Hawaii and world

Plant Engineering Branch

Manages Capital Improvement Projects (CIP) involving wastewater treatment plants (WWTP) and wastewater pump stations (WWPS) on the island of Oahu. City project managers work with engineering consultant companies to complete the planning and design for various types of projects. Currently, the largest project in ENV history, the Sand Island WWTP secondary project, is starting. This project will upgrade the WWTP to the largest MBR facilities; or the largest Aerobic Granular Sludge (AGS) or Biological Aerated Filters (BAF) facility in the USA. The project will examine resource recovery of the products. Additionally, sustainable initiatives, such as codigestion of F.O.G. (Fats, Oil & Grease), food waste, and sludge for gas production, and/or Combined Heat and Power (CHP) system may be installed to produce electricity to power the new improvements. The use of cutting-edge technology makes these exciting times at WEC!

Collection System Engineering Branch

Manages CIP involving wastewater gravity collection systems, WWPSs and force mains on the island of Oahu. City project managers work with engineering consultant companies to complete the planning and design for various wastewater collection system projects. Projects range from simple manhole replacement and rehabilitation to innovative underground construction projects using horizontal directional drilling (HDD), jet grouting, micro-tunneling, and tunneling. The Kailua/Kaneohe Sewer Tunnel, a 10-foot diameter, stretched three miles under 400 feet of mountain in Windward Oahu is an example of the dynamic projects done in the Collection System Engineering Branch.

Construction Management Branch

Manages Capital Improvement Project (CIP) Involving construction management and inspections of various wastewater projects including WWTPs, WWPSs, force mains, and collection systems. City project managers and inspectors work with contractors and engineering consultant companies to complete the projects on time and on budget. This branch receives projects from Plant Engineering and Collection System Engineering. The collaborative effort by all branches makes each project a success.

Benefits:

- **Vacation:** Employees may earn up to 21 days per year
- **Sick Leave:** Employees may earn up to 21 days per year
- **Holidays:** 13 days a year; 14 days during election years.
- **Training and Development:** Computer, career, and personal enhancement courses are offered; curriculum designed for employee, supervisory, and management development.
- **Medical, Dental, Prescription Drug, and Vision Care:** Various health insurance plans available. Premiums are subsidized by the City and deductible from pre-tax income for participants of the Premium Conversion Plan (PCP).
- **Group Life Insurance:** No cost for eligible employees.
- **Deferred Compensation Plan:** Invest in your future . . . choose to defer part of your pre-tax income for retirement.
- **Retirement Plan:** The Employees' Retirement System (ERS) of the State of Hawaii administers retirement benefits for State and County employees. Employee contribution required.
- **Telecommuting Program:** Available Telecommuting Program in accordance with DHR Personnel manual policies.

If you are interested about finding out more about our division, please contact any of the following individuals.



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Plant Engineering Branch:

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Construction Management Branch:

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Wastewater Engineering & Construction Division:

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- Kim Suzuki, Asst. Division Chief, Ph. (808) 768-8410

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We hope you will consider joining our team and becoming part of the Wastewater Engineering & Construction (WEC) 'Ohana!

