

## **Storm Water Quality Division 2025 Summer Student Internship Program**

The City's Department of Facility Maintenance (DFM), Storm Water Quality (SWQ) Division is seeking applicants for this coming 2025 Summer Intern Program. This is a paid summer internship lasting approximately 12 weeks. Deadline for application is **January 15<sup>th</sup>, 2025**

The Storm Water Quality Division comprises 4 branches, Compliance and Inspection, Investigation and Enforcement, Planning and Monitoring and Public Education and Outreach.

Student Interns will be exposed to various science and engineering aspects of the City's SWQ Division by shadowing and learning from the various regulatory programs within the division. This includes stream water sampling, public education and outreach, illicit discharge and detection, planning and monitoring, construction stormwater runoff control, post construction best management practices, and good housekeeping programs. Secondary to supporting the division's goals, interns will collaborate on a special project that includes a presentation to the DFM director and SWQ Program Administrator.

### **Work Location:**

Kapolei Hale  
1000 Uluohia Street, **Kapolei**, HI 96707  
Second floor, room 212

### **Work Hours:**

07:45 am to 4:30 pm M-F  
Full time - 40 hours per week

### **Residency:**

*This intern position is open only to State of Hawaii residents.*

### **Benefits:**

Summer interns are hired as a contract position of limited duration, therefore will not receive full time employee benefits; any official holidays will be unpaid and the office will be closed.

### **Desired Qualities:**

- Ability to multitask
- Organized with good time management
- Self-directed problem solver
- Quick learner
- Desire to learn new topics
- Reliable
- Hard worker
- Driven

**Desired Skill Set:**

- Microsoft Word – *beginner to advanced*
- Microsoft Excel – *beginner to advanced*
- Microsoft Power Point – *beginner*
- Microsoft Office Email – *beginner*
- ArcMap (GIS) – *beginner/no experience necessary*
- Written and verbal communication skills

**Best Fit Major:**

- All Engineering Degrees
- Environmental Science
- Natural Sciences
- Hawaiian Studies
- Creative Media
- Sociology
- Education – *Curriculum studies or Minor in Education with Major studies in Environmental or Natural Resources field*

**Roles and Responsibilities:**

- *Engineering* – Training will include introducing the intern to the basics of reading construction plans and specifications, visiting active construction sites, and learning more about how the City conducts its asset management. Shadowing of the different programs and tasks in the Storm Water Quality Division will be required.
- *Environmental Science* – Interns will assist with water sample collection and analysis. The overall goal will be to determine the level of specific pollutants in the sampled streams. Interns will receive training on collecting water samples and using a YSI probe. Interns will also assist in modifying existing fact sheets regarding water quality standards to help contribute to public education and outreach efforts. Summer interns will assist in collecting data to quantify the type and volume of debris collected through the City's Street sweeping program.
- *Socio-Environmental Management* – Interns will assist in enhancing the City's community engagement and behavior change programs. Students will be involved in multiple tasks for public education and outreach, which will include assessing the current program, then analyzing and using results to recommend program revisions and potential social marketing and community engagement plans that could be implemented in the future.
- Interns will have opportunities to participate in various types of inspections and investigations related to storm water management, construction and post-construction Best Management Practice (BMP) devices, street sweeping, and trash reduction.
- Interns will conduct desk research on issues relevant to improving water quality and the effectiveness of the Stormwater Management Program. Research may include but not be limited to identifying and addressing pollutants, best management practices, green stormwater infrastructure.

- Summer interns will assist in completing tasks related to the planning, organizing, poster presentation, and establishing of web-based surveys and questions for the City's August 2024 City Stormwater Workshop.
- Summer interns will complete a capstone project together, concluding with a short presentation to the SWQ Division, Division Chief, and the Director of Facility Maintenance at the end of your internship.
- Interns will gain experience in using various software including the Microsoft Office Suite, ESRI ArcMap Geographic Information System (GIS) software, Cityworks Asset Management System (AMS), Microsoft Sharepoint and PowerBI software, data collection using a tablet, and other City software to assist the staff in meeting the Division's goals.
- Interns will gain insight into EPA and State Department of Health standards in regards to storm water quality. This may include-attending the City department-wide meeting on stormwater activities and local workshops.
- Each participating intern will have a chance to improve the existing SWQ training program to address the needs of both SWQ and future student interns.

**How to apply:**

Please submit an application via the QR code below or via this link: <https://wkf.ms/4g60kHQ>

- Applications require a letter of interest and a resume for submittal and consideration.



To learn more about what we do visit <https://www8.honolulu.gov/swq/>

