



State of Hawaii, Department of Health, Clean Water Branch

NPDES Form C

**Application for HAR, Chapter 11-55 - NPDES Individual Permit
Authorizing Discharges of Storm Water Associated With
Construction Activities (as defined in 40 CFR §§122.26(b)(14)(x) and
122.26(b)(15)(i))**

All sections of this form MUST be completed for National Pollutant Discharge Elimination System (NPDES) Permit compliance.

C.1 – General Information

You are required to fulfill all requirements and check the box below. If you do not check the box, your application will be considered incomplete, and the CWB may deny your request for NPDES permit coverage with prejudice.

☒ *I certify that:*

- *My Storm Water Pollution Prevention Plan (SWPPP) was prepared in accordance with HAR, Chapter 11-55, Appendix C, Section 7.*
- *I will comply with all terms, conditions, and requirements in HAR Chapter 11-55, Appendix C.*
- *I will implement, operate, and maintain my SWPPP to ensure that storm water discharges associated with construction activities will not violate HAR, Chapter 11-54; HAR, Chapter 11-55; and HAR, Chapter 11-55, Appendix C.*

C.2 - Existing Pollution Sources/ History of Land Use

Describe the history of land use at the existing Facility/Project site: The H-201, also known as “Moanalua Freeway” to be affected between Halawa Heights off ramp and Middle Street was constructed in 1959-1960 and is classified as a Principal Arterial.

Determine if the existing Facility/Project site may contain any existing pollution source(s) by using the following references. Place a check next to all references you utilized to determine existing pollution source(s). You are required to check at least one reference.

- ☐ a. *DOH, Solid and Hazardous Waste Branch-Hawaii Underground Storage Tank- Leaking Underground Storage Tank database*
- ☐ b. *DOH, Hazard Evaluation and Emergency Response Office records*
- ☐ c. *Phase I and/or Phase II Environmental Site Assessments, as applicable*
- ☒ d. *Recent site inspections*
- ☐ e. *Past land use history*

☐ f. Soil sampling data, if available

☐ g. Other (specify): _____

Describe any existing pollution source(s) identified in the references you checked above:

Pollution sources include oil, grease, silt, and litter from motor vehicles using the roadway.

Describe any corrective measures that have been undertaken for any existing pollution

source(s): Corrective measures include periodic sweeping and other maintenance activities as required to minimize pollutants from entering receiving waters.

C.3 - Construction Site Estimates

Please provide the following estimates for the construction site.

Total project area including areas to be left undisturbed: _____ 61.37 acres

Construction site area to be disturbed including storage and staging areas: _____ 3.02 acres

Impervious area before construction: _____ 53.55 acres

Impervious area after construction: _____ 53.55 acres

C.4 - Quantity of Storm Water Runoff

Estimate the quantity of storm water runoff during construction when the greatest and/or maximum area of disturbance occurs. Provide the supporting calculations in an attachment or insert in this section.

_____ Millions of Gallons per Day (MGD)
or

_____ 319.36 Cubic Feet per Second (CFS)

C.5 - Soil Characterization

Describe the nature of the soil on the project site (including the potential to encounter contaminated soil) and the nature of the fill material to be used: See Attachment A-1 for Soil Characterization. The underlying soil of the project site consists of Fill Land, Mixed, Lahaina Silt Clay, Makalapa Clay, Rock Land, Kawaihapai Clay Loam, Water, Honouliuli Clay and Kawaihapai Stony Clay Loam. Fill Material to be used in roadway reconstruction will consist of Aggregate Base Course and Hot Mix Asphalt Pavement. General fill material will be used as backfill for the structural work. Soil contamination is not expected in these areas.

C.6 - Nature and Sequence of Construction Activity

What is the function of the construction activity (Please check all applicable activity(ies))?

- ☐ Residential ☐ Commercial ☐ Industrial ☐ Road Construction ☐ Linear Utility
☒ Other (please specify: The proposed work includes installations of new lighting systems along Moanalua Freeway.

What is being constructed? LED street lighting system along Moanalua Freeway is being installed.

Describe the scope of work and major construction activities you wish to be covered in this NPDES application, including baseyards and staging areas. You may only include project areas where the locations of impervious structures are known; project areas where the final grades are known; and work areas that will be performed by one (1) general contractor. A separate NPDES application will be required for all other project areas.

C.7 - Existing or Pending Permits, Licenses, or Approvals

Place a check next to all applicable Federal, State, or County permits, Licenses, or approvals for the project and specify the permit number.

- ☐ Other NPDES Permit or NGPC File No.: _____
☐ Department of the Army Permit (Section 404): _____
 If your project requires work in, above, under or adjacent to State waters, please contact the Army Corps of Engineers (COE) Regulatory Branch at (808) 438-9258 regarding their permitting requirements. Provide a copy of the COE permitting jurisdictional determination (JD) or the JD with COE Person's Name, Phone Number, and Date Contacted.
☐ Facility on SARA 313 List (identify SARA 313 chemicals on project site: _____
☐ RCRA Permit (Hazardous Wastes): _____
☐ Section 401 Water Quality Certification: _____
☐ Other (Specify): _____

County-approved Erosion and Sediment Control Plan and/or Grading Permit

- a. Is a County-approved Erosion and Sediment Control Plan and/or Grading Permit, where applicable for the activity and schedule for implementing each control, required?
- ☐ Yes. Please complete Section C.7.b below and skip Section C.7.c.
☒ No. Please complete Section C.7.c below and skip Section C.7.b.

- b. Is a copy County-approved Erosion and Sediment Control Plan and/or Grading Permit, as appropriate for the activity and schedule for implementing each control, attached?
- ☐ Yes, see Attachment _____
- ☒ No, the County-approved Erosion and Sediment Control Plan and/or Grading Permit, as appropriate for the activity and schedule for implementing each control, will be submitted at least 30 calendar days before the start of construction activities.
- c. Please select and complete at least one (1) of the following items to demonstrate that a County-approved Erosion and Sediment Control Plan and/or Grading Permit, as appropriate for the activity and schedule for implementing each control, is not required.
- ☐ See Attachment _____ for the County written determination.
- ☐ Provide the County contact person information (Name, Department, Phone Number, and Date Contacted): _____
- ☐ The project is a Federal Project and does not require County approval.
- ☒ Other (specify): Project falls under State jurisdiction and is within State Right-of-Way and does not require County approval.

C.8 - Project Site Maps and Construction Plans/Drawings

Attach, title, and identify all maps (pdf - minimum 300 dpi) listed below, in Attachment A. Please reference which maps account for the features listed below.

- a. Island on which the project is located. See Form C Attachment A-1
- b. Vicinity of the project on the island. See Form C Attachment A-1
- c. Legal boundaries of the project. See Form C Attachment A-1
- d. Receiving State water(s) from Section 6 of e-Permitting form and receiving separate drainage system(s) from Section 7 of e-Permitting form, identified and labeled. See Form C Attachment A-1
- e. Location of ALL discharge points from Section 6 of e-Permitting form with identification numbers. See Form C Attachment A-1
- f. Boundaries of 100-Year flood plans. See Form C Attachment A-1
- g. Areas of soil disturbance. See Form C Attachment A-1
- h. Location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed. See Form C Attachment A-1
- i. Pre-Construction Topography including approximate slopes and drainage patterns for the entire Facility/Project site to the receiving storm water drainage system (if applicable) or to the receiving State water(s) (with flow arrows). See Form C Attachment A-1
- j. During-Construction Topography (after major grading activities) including approximate slopes and drainage patterns for the entire Facility/Project site to the receiving storm water

drainage system (if applicable) or to the receiving State water(s) (with flow arrows). See Form C Attachment A-1

- k. *Post-Construction Topography including approximate slopes and drainage patterns for the entire Facility/Project site to the receiving storm water drainage system (if applicable) or to the receiving State water(s) (with flow arrows). See Form C Attachment A-1*

C.9 - Construction Schedule

Provide the following estimated dates:

The date when construction activity will begin 3/24/2017

The date when each major construction activity begins 9/25/17

The date when the Notice of Cessation form will be submitted TBD