



**State of Hawaii, Department of Health, Clean Water Branch**

**NOI Form C**

**NOI for HAR, Chapter 11-55, Appendix C - NPDES General 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) General Permit compliance.**

**C.1 – General Information**

*You are required to fulfill all requirements. By submitting the NOI, you are certifying that:*

- *I prepared a Storm Water Pollution Prevention Plan (SWPPP) in accordance with HAR, Chapter 11-55, Appendix C, Section 7 prior to submitting this NOI.*
- *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: Interstate Route H-1 is a principal arterial on Oahu, carrying vehicular traffic along the southern part of the island in the east and west directions. It is a National Highway System (NHS) route, classified as an urban freeway. It is a divided highway with three to six travel lanes in each direction in addition to auxiliary lanes between most on-and off- ramps. The posted speed limit ranges from 45 to 60 mph. It was originally constructed during the late 1950's to early 1960 to provide increased accessibility to communities and development along the south shore of Oahu. It currently spans 27-miles between Farrington Highway in Kapolei and Kalanianaʻole Highway in Hawaii Kai.

*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. *Phase I and/or Phase II Environmental Site Assessments, as applicable*
- ☐ c. *Recent site inspections*
- ☒ d. *Past land use history*

☐ e. Soil sampling data, if available

☐ f. Other (specify): \_\_\_\_\_

You are also required to check the Department of Health, Hazard Evaluation and Emergency Response (HEER) Office Sites, Incidents and Records through the "Viewer" in iHEER at:

<https://eha-cloud.doh.hawaii.gov/iheer>.

**Note: The HEER Office is currently updating site information for sites. Most, but not all sites may be displayed on the viewer map. Site Document data upload is ongoing and not all documents may be currently available via this website. To get the complete record for the site, a [record request form](#) can be filled and submitted it to the HEER Office. Users will then be notified when they are able to download all information via the iHEER system website.**

Describe any existing pollution source(s) identified in the references you checked above and from HEER Office Sites, Incidents and Records: 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 includes periodic sweeping and other maintenance activities as required to minimize pollutants from entering receiving waters.

**Note: You are required to contact the Department of Health, Office of Hazard Evaluation and Emergency Response at (808) 586-4249 and through e-permitting Form "Notification of Construction Activities" at Form Finder <https://eha-cloud.doh.hawaii.gov/epermit/finder> if contaminated soil, vapor, or groundwater is known to be present at your project site. Notify at least 90 days prior to surface and subsurface disturbing activities (demolition, building/site configuration changes, grading, excavation, or prior to any other activities) that may disturb the ground surface at HEER sites. If you missed the 90 days notification time frame, notify the HEER Office as soon as possible to avoid any potential delays regarding your project.**

### **C.3 - Construction Site Estimates**

Please provide the following estimates for the construction site.

Total project area including areas to be left undisturbed: \_\_\_\_\_ 57.94 acres

Construction site area to be disturbed including storage and staging areas: \_\_\_\_\_ 57.94 acres

Impervious area before construction: \_\_\_\_\_ 57.94 acres

Impervious area after construction: \_\_\_\_\_ 57.94 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

\_\_\_\_\_ 423.128 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: The project site consists of pavement repairs along the H-1 Freeway from the Miller Street Overpass to the Kapiolani Interchange, where the pavement transitions from asphaltic concrete to Portland cement concrete, in Honolulu, Hawaii. The following soil information is from the Soil Survey, prepared by the U.S. Soil Conservation Service. The H-1 Freeway consists of Tantalus silty clay loam, makiki clay, ewa silty clay loam, and Kawaihapai clay loam.

**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): \_\_\_\_\_

What is being constructed? Repavement repairs and reconstruction along the H-1 Freeway from the Miller Street Overpass to the Kapiolani Interchange.

Describe the scope of work and major construction activities you wish to be covered in this NOI, 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 NOI will be required for all other project areas.

The scope of work includes repavement and reconstruction along the H-1 Freeway from the Miller Street Overpass to the Kapiolani Interchange, where the pavement transition from asphaltic concrete to Portland cement concrete. The pavement repairs also include on and off-ramps, frontage streets, and cross streets within the project limits and HDOT right-of-way, as presented below.

Eastbound Ramps:

*Ward Avenue On-Ramp*

*Piikoi Street On-Ramp*

*Bingham Street Off-Ramp*

*University Avenue On-Ramp (U-1)*

*University Avenue Off-Ramp (U-3)*

*Kapiolani Boulevard On-Ramp*

Westbound Ramps:

*Lunalilo Street On-Ramp*

*Lunalilo Street Off-Ramp*

*Punahou Street On-Ramp*

*Alexander Street On-Ramp*

*Wilder Avenue Off-Ramp*

*University Avenue On-Ramp (U-8)*

*University Avenue On-Ramp (U-6)*

*University Avenue Off-Ramp (U-5)*

*Old Waialae Road On-Ramp*

*Kapiolani Boulevard Off-Ramp*

Frontage Streets:

*Lunalilo Street (between Ernest Street to Keeaumoku Street)*

*Bingham Street (between Punahou Street to 310' east of Isenberg St.)*

*Metcalfe Street (between Dole Street and Alexander Street)*

*Wilder Avenue (between Wilder Ave. Off-Ramp to University Avenue On-Ramp)*

Cross Streets:

*Ward Avenue (between Kinau Street to Lunalilo Street)*

*Keeaumoku Street (between Kinau Street to Kaihee Street)*

*McCully Street (Near Beretania Street)*

*McCully Street (Near Dole Street)*

The pavement repairs consist of cold planing and resurfacing with asphaltic concrete of equal thickness. The project also includes upgrades to the existing street lighting, overpass bridge rails, drainage and landscaping.

The contractor's staging and storage area will be located in the median off of the University Ave on ramp and off ramp.

**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.: N/A

☐ Department of the Army Permit (Section 404): N/A

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: N/A

☐ RCRA Permit (Hazardous Wastes): N/A

☐ Section 401 Water Quality Certification: N/A

☐ Other (Specify): N/A

**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): The project is a Federal Aid HDOT project with appropriate Erosion Control Plans. See Construction Drawings, Demolition and Erosion Control Plans sheets 9 to 30

### **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. Figure A-1, Location Map
- b. Vicinity of the project on the island. Figure A-1, Location Map
- c. Legal boundaries of the project. Figure A-1, Location Map
- 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. Figure A-2, Discharge Location Map
- e. Location of ALL discharge points from Section 6 of e-Permitting form with identification numbers. Figure A-2, Discharge Location Map
- f. Boundaries of 100-Year flood plans. Figure A-3, Flood Rate Insurance Map (FIRM)
- g. Areas of soil disturbance. See Construction Drawings, Roadway Plans sheets 56 to 78
- h. Location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed. See Construction Drawings, Roadway Plans sheets 56 to 78
- 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 Figure A4 Hydrology Summary
- 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 Figure A4 Hydrology Summary
- 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 Figure A4 Hydrology Summary

### **C.9 - Construction Schedule**

*Provide the following estimated dates:*

*The date when construction activity will begin. November 2020*

*The date when each major construction activity begins.*

#### ***Phase 1 – H-1 Freeway & On/Off Ramps (Sta. 172+64 to Sta. 45+82)***

- *Mobilization – November 2020*
  - *Staging Area*
  - *Installation of BMPs*
  - *Clear and Grub*
- *Utilities – November 2020 – December 2020*
- *Roadway Reconstruction – November 2020 – February 2021*
- *Roadway Mill & Overlay – February 2021 – March 2021*
- *Highway Monuments – April 2021*
- *Pavement Markings – April 2021 – June 2021*
- *Landscaping – June 2021 – July 2021*
- *Guardrail – June 2021 – August 2021*
- *Sign Installation – June 2021 – July 2021*
- *Demobilization – August 2021*

#### ***Phase 2 – Pedestrian Bridge, Side Streets & Over/Under Pass Paving***

- *Mobilization – May 2021*
  - *Installation of BMPs*
- *Overpass/Bridge Structural Upgrades – May 2021 – June 2021*
- *Roadway Reconstruction – May 2021 – August 2021*
- *Roadway Mill & Overlay – August 2021 – October 2021*
- *Pavement Markings – October 2021*
- *Sign Installation – October 2021*
- *Demobilization – October 2021*
- *End of Site Disturbance – November 2021*

*The date when the Notice of Cessation form will be submitted November 2021.*