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 and check the box below. If you do not check the box, your NOI will be considered incomplete, and the CWB may deny your request for NPDES permit coverage with prejudice.

✓ *I certify 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: The project area has been used as road right-of-way for many years. H-3 was built in the 80s and 90s after Kaneohe Bay Drive and the Kamehameha Highway.

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, drain cleaning 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: *30.145* *acres*

Construction site area to be disturbed including storage and staging areas: *30.145* *acres*

Impervious area before construction: *21.36* *acres*

Impervious area after construction: *19.79* *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.

The estimate of quantity of storm water runoff during construction has been calculated using the "rational method": Q = CIFA, where Q = flow rate in CFS, C = a runoff coefficient related to the permeability of the ground surface (higher numbers indicate more runoff, lower number indicates more infiltration/less runoff), I = rainfall intensity in inches/hour for a 10-year storm in the project area obtained from maps published by the State of Hawai'i Department of Land and Natural Resources, F = a correction factor of 2.3, and A = the drainage area or construction site area in acres.

See Attachment A-3 for calculations.

_____ *Millions of Gallons per Day (MGD)*

or

86.48 *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 underlying soils at the project sites are silty clays – Alaeloa silty clay along the H-3; the Loekaa silty clay at Kaneohe Bay Drive, and Kaneohe silty clay loam along the Kamehameha Highway. Soil contamination is not expected in this area as there are no petroleum pipelines/gas stations within the project limits.

The quality of the stormwater discharged will be controlled through the implementation of BMPs described in this Plan. The principle issue related to the soil is the potential for runoff to entrain sediment, which can either make the water appear cloudy/turbid or transport sand and larger sized particles off the site.

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): permanent stormwater BMPs*

What is being constructed? New permanent BMP structures are being constructed.

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.

Construction activities include removing concrete drainage structures (H-3 and Kamehameha Highway), building bioswales in place of former concrete drainage structures (H-3 and Kamehameha Highway), and replacing an existing catch basin with a new permanent BMP (Kaneohe Bay Drive).

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.: new filing to include more staging areas*

☐ *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):*

     ___

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.* Sheet 1, Title Sheet, Attachment A-1
b. *Vicinity of the project on the island.* Sheet 1, Title Sheet, Attachment A-1
c. *Legal boundaries of the project.* Sheet 1, Title Sheet, 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. Attachment A-3*

e. *Location of ALL discharge points from Section 6 of e-Permitting form with identification numbers. Attachment A-3*

f. *Boundaries of 100-Year flood plans. Attachment A-4*

g. *Areas of soil disturbance. Sheets C-1, C-2, C-5, C-6, C-7, C-8, and C-9, Attachment A-2*

h. *Location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed. Sheets C-1, C-2, C-5, C-6, C-7, C-8, and C-9, Attachment A-2*

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). Attachment A-2, Sheet C-18 for Kamehameha Highway and Sheet C-19 for Kaneohe Bay Drive. No topographic survey was performed in the H-3 portion of the project as there will be no changes to topography by the project.*

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). No changes in topography due to project*

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). No changes in topography due to project*

C.9 - Construction Schedule

Provide the following estimated dates:

The date when construction activity will begin. September 2014

The date when each major construction activity begins. H-3 – September 2014; Kamehameha Highway – September 2014; Kaneohe Bay Drive - October 2014

The date when the Notice of Cessation form will be submitted. March 2015

Site Specific BMPs Plan Attachments

Attachment A - Project Site Maps and Construction Plans/Drawings (Section C.8)

PROJECT SITE MAPS, CONSTRUCTION PLANS/DRAWINGS