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: All of the project sites are highway embankment slopes and grass interchanges. These areas were constructed as slopes and interchanges. There are no other historical uses for the project sites.

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: The project sites consist of highway embankment slopes and grassed areas along highway interchanges. This land use history indicates there is little likelihood of existing pollution sources at the project sites. Recent site inspections did not find any indication of existing pollutant sources.

Describe any corrective measures that have been undertaken for any existing pollution source(s): N/A.

C.3 - Construction Site Estimates

Please provide the following estimates for the construction site.

Total project area including areas to be left undisturbed: 6.95 (See Attachment A-4) acres

Construction site area to be disturbed including storage and staging areas: 6.95 acres

Impervious area before construction: 0 acres

Impervious area after construction: 0 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

29.19 (See Attachment A-5) *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: Soil characteristics at the site were determined using the Soil Survey of the Islands of Kauai, Oahu, Maui, Molokai and Lanai (Soil Conservation Service and the University of Hawaii Agricultural Experiment Station, 1965) ("Soil Survey"). Types of soils located at the site were determined to be:

PID 445 & PID 230
The PID 445 and PID 230 sites consist of WaA (Wahiawa Silty Clay). WaA soils are well-drained soils that have moderately rapid permeability, slow runoff, and an erosion hazard that is no more than slight.

PID 241
The PID 241 site consists of WaA (Wahiawa Silty Clay) and MpD2 (Manana Silty Clay). WaA soils are well-drained soils that have moderately rapid permeability, slow runoff, and an erosion hazard that is no more than slight. MpD2 soils are well-drained, moderately steep, eroded and have a silty clay texture.

PID 57
The PID 57 site consists of MuC (Molokai Silty Clay Loam, 7 to 15 percent slopes) and WzC (Waipahu Silty Clay, 6 to 12 percent slopes). MuC soils are well-drained, with medium runoff and a moderate erosion hazard. WzC soils are well-drained soils that have medium runoff and a moderate erosion hazard.

PID 110
The PID 241 site consists of MuB (Molokai Silty Clay Loam, 3 to 7 percent slopes), MuC (Molokai Silty Clay Loam, 7 to 15 percent slopes), MuD (Molokai Silty Clay Loam, 15 to 25 percent slopes). MuB, MuC, and MuD soils are well-drained, with MuB soils exhibiting slow to medium runoff and slight to moderate erosion. MuC soils have medium runoff and a moderate erosion hazard, while MuD soils have medium runoff and a severe erosion hazard.

PID 907
The PID 241 site consists of MoB (Manana Silty Clay Loam).MoB soils are well-drained, exhibiting slow runoff and a slight erosion hazard.

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): Erosion Control/Slope Improvements

What is being constructed? Permanent BMPs
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 this project includes slope surface preparation, clearing of vegetation, installation of erosion control matting, planting, installation of permanent BMP structures, and traffic control. These measures will be implemented at areas along state roadways exhibiting significant erosion. Installation of the proposed permanent BMP measures will mitigate the risk of erosion hazards that may otherwise occur.

For significantly bare slopes along state roadways, installation of erosion control matting with earth anchors/pins is proposed at the following sites: PID 445, PID 230, PID 241, PID 57, PID 110, and PID 907. In conjunction with the matting system, planting of trees, shrubs, and grass are proposed to further stabilize the soils at the site, thus reducing the amount of erosion that will occur during storm events. Work associated with the matting system includes clearing of debris and vegetation, soil preparation, hydro-mulch seeding, installation of earth anchors/pins, planting of vegetation, maintenance of vegetation and providing temporary erosion control measures during construction. In addition to the erosion control matting with earth anchors/pins, installation of a structural device at the catch basin to collect leaves and debris is proposed for the PID 907 site.

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): Per agreement with the City and County of Honolulu, this project falls under the typical project not requiring a grading permit (Landscaping improvements). A copy of the letter is included in Attachment A-7.*

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. Oahu*
b. *Vicinity of the project on the island. Central Oahu*
c. *Legal boundaries of the project. See Attachment A-3*
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 Attachment A-3*
e. *Location of ALL discharge points from Section 6 of e-Permitting form with identification numbers. See Attachment A-3*

f. Boundaries of 100-Year flood plans. All sites are located in Zone D.

g. Areas of soil disturbance. See Attachment A-6

h. Location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed. Proposed landscape improvements allow for stormwater percolation and thus negligible runoff comes from those sites.

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 Attachment A-6

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 Attachment A-6

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). The proposed construction activities will not alter the drainage patters of the site. See Attachment A-6

C.9 - Construction Schedule

Provide the following estimated dates:

The date when construction activity will begin. September 1, 2015

The date when each major construction activity begins. September 9, 2015

The date when the Notice of Cessation form will be submitted. October 10, 2016

A detailed construction schedule, including a timetable for major activities will be provided by the selected contractor at least 30 days prior to the start of construction.

Site Specific BMPs Plan Attachments

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

PROJECT SITE MAPS, CONSTRUCTION PLANS/DRAWINGS