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CWB-NOI Form C

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Notice of Intent for NPDES General Permit Coverage
Authorizing **Discharge of Storm Water Associated with Construction Activities**
HAR, Chapter 11-55, Appendix C

Previously assigned NGPC File No (for renewal NOI only): HI _____

C.1. Construction Site Area

a. Total Area of the project site (in Acres) 2.04 Acres

b. Disturbance Area (in Acres) 1.57 Acres

c. Impervious Area of the project after construction is completed (in Acres) 0.03 Acres

d. Area of each phase of a multi-phase construction project (Indicate Phase Number and Area in acres) Phase 1 - 2.04 Acres
Phases 2 - 0.7 Acres (Overlapping phase limits)

C.2. Quantity of Storm Water Discharge - What is the quantity of storm water that may be discharged from the construction site? Provide the supporting calculations in an attachment. 5.65 units Cubic Feet per Second

C.3. Non-Storm Water Information - Indicate the non-storm water disposal method and location for the handling of the applicable non-storm waters. If the non-storm water is discharged to State waters, the construction activity may require a separate NPDES permit.

a. Water for Dust control	Apply water for dust control sparingly, only to lightly dampen surface without creating runoff of dust control water. Dust control water will not be discharged to MS4 or State waters.
b. Concrete Truck Wash Water	Concrete truck wash water will be emptied into temporary containment pits, lined with 10 mil thick polyethylene sheeting. No wash water will be discharged to MS4 or State waters.
c. Construction Exit Wash Water	Wash water will flow to and be contained within temporary washdown containment areas.
d. Irrigation Water	None used.
e. Hydrotesting Effluent	N/A
f. Dewatering Effluent	See CWB-NOI Form G.
g. Saw-cutting Slurry	Wet-vacuum any slurry from saw-cutting. Dispose to concrete concrete washout pit.
h. Concrete Curing Water	Concrete work will be contained within cofferdam. If used, any curing water will be pumped from cofferdam to the impermeable concrete wash water pit.
i. Water-Jet Wash Water	N/A
j. Other (as identified)	None

C.4. Location Map - Provide a map or maps showing the following and identify the map or figure number in the space provided.:

a. Island on which the project is located	Oahu (see Figure 1)
b. Vicinity of the project on the island	Kaneohe (see Figure 1)
c. Legal boundaries of the project	See Figure 2
d. Topography of the project	See Figures 3, 8, and 9
e. Location and identification number of each of the project's existing and/or proposed outfalls or discharge points	See Figure 6
f. Receiving State water(s) and receiving storm water drainage system(s), as applicable, identified and labelled	See Figures 6 and 6A

C.5. Flow Chart or line drawing - Attach a flow chart showing the following (check each item).

- [x] a. Storm water entering the project from off-site areas
- [x] b. General route taken by storm water through the project (show the routes through different drainage areas)
- [x] c. Treatment system(s) utilized for the reduction of sediment (e.g., silt fence, earth berm, detention basin, vegetated swale, etc.)
- [x] d. Best Management Practices (BMPs) utilized to prevent erosion (e.g., erosion control mats, reduced open area, revegetation, etc.)
- [x] e. Quantity of flow through each applicable route from upslope to the receiving State water
- [x] f. Drainage system(s) receiving storm water from the project, as applicable (e.g., City and County of Honolulu Municipal Separate Storm Sewer System (MS4), etc.)
- [x] g. State water name(s) receiving storm water from the project

Indicate which item(s) are not identified: None

C.6. Existing or Pending Permits, Licenses, or Approvals for the project are listed by number for the following:

a. Other NPDES Permit or NGPC File No.	CWB-NOI Form G - NGPC File # not assigned yet.
b. Department of the Army Permit (Section 404)	To be submitted. Permit # pending.
c. Facility on SARA 313 List (identify SARA 313 chemicals on project site)	n/a - not required
d. RCRA Permit (Hazardous Wastes)	n/a - not required
e. Section 401 Water Quality Certification	To be submitted. Permit # pending.
f. Department of Land and Natural Resources State Historic Preservation Division (attach a copy of the transmittal to or response from SHPD)	To be submitted. Response # pending.
g. Other(s)	SCAP will be prepared. Permit # pending.

C.7. Construction Site Characterization

C.7.a. Describe the history of the land use: The Kaneohe area was used for taro fields, hala, wauke, mai'a, 'uala, yams, olona and other plants. After the late 1800's, cattle ranching took place. The dominant crops were sugar and rice in the 1880's and pineapple between 1910 and 1925.

C.7.b. Describe any existing pollution source(s) - Check the following items for historical sources of pollution, as applicable.

- [ ] i. DOH, Solid and Hazardous Waste Branch - Hawaii Underground Storage Tank - Leaking Underground Storage Tank database
- [ ] ii. DOH, Hazard Evaluation and Emergency Response Office records
- [ ] iii. Phase I and/or Phase II Environmental Site Assessments, as applicable
- [x] iv. Recent site inspections
- [x] v. Past land use history
- [ ] vi. Soil sampling data, if available
- [x] vii. Other (specify)

C.7.c. Pollution Sources Corrective Measures: Describe any corrective measures that have been undertaken for the historical pollution source(s) checked above: See Attachment.

C.8. Construction Best Management Practices (BMPs) Plan

C.8.a. Project Site Map(s)

C.8.a.i. Phasing Map(s) - The construction will be done in two (2) phases.

- ○ (1) A phasing map is not required for this single-phase construction project.
- ○ (2) A phasing map identifying each phase of the multi-phase construction project and the boundaries of each phase is attached.
- ◉ (3) A phasing map identifying each phase of the multi-phase construction project and the boundaries of each phase will be submitted at least 30 calendar days before the start of construction of each phase of the project.

C.8.a.ii. - Construction Plan(s) - Hard copies of the project construction plans which show the following information are attached. Identify the map name and/or number or "n/a" (for not applicable) in the space to the right of the listed item. Items (1) through (5) shall be submitted with the NOI. If Items (6) through (10) are not available at the time of NOI submittal, the information may be submitted at least 30 calendar days before the start of construction activities (please indicate as such).

(1) Approximate slopes anticipated after major grading activities and pre-construction, during-construction, and post-construction drainage patterns;	See Figures 8 and 9
(2) Areas of soil disturbance;	See Figures 8 and 9
(3) Location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed;	See Figure 6
(4) Wetlands and other State water(s);	See Figures 6, 8, 9, 10 and 14
(5) Boundaries of 100-year flood plans;	See Figures 15 and 16
(6) Construction Baseyard and/or staging areas;	To be submitted 30 days prior to construction
(7) Areas used for the storage of soils, construction materials, or wastes and areas for the disposal of wash water from washing down of construction equipment and vehicles, concrete truck drum wash water, treated dewatering effluent, hydrotesting effluent discharge, etc.;	See Figures 10
(8) Location(s) where stabilization practices are expected to occur;	See Figure 10
(9) Location(s) and descriptions of all structural controls including those that will be used to divert the offsite storm water from flowing into the constructions site and;	See Figure 14
(10) Areas where vegetative practices are to be implemented.	See Figure 10

C.8.b. Construction BMPs Plan - Please select only one of the following. The construction BMPs plan shall provide information requested by describing methods to minimize erosion of soil and discharge of other pollutants into State waters and, after completion of the construction activity, removal procedures for the construction site BMPs.

- ○ Responses for the construction BMPs plan are provided in this form (no electronic attachments accepted at this time).
- ◉ The construction BMPs plan is attached on separate sheets with reference to this Item number.

C.8.b.i. Construction Activity - Describe the nature of the construction activity.

(1) What is to be constructed (e.g., the entire scope of the construction activity)?	See Attachment.
(2) If the project is a multi-phase construction project, include a list of each phase.	See Attachment.
(3) What type of materials and heavy equipment will be used for the construction activity?	See Attachment.

C.8.b.ii. Quality of Discharge - Describe the nature of the fill material to be used and existing data describing the soil or the quality of any discharge from the project site. See Attachment.

C.8.b.iii. Potential Pollutant(s) - Identify the proposed control measures or treatment measures for all potential pollutant(s), other than those listed in Item C.3., that will be generated by the proposed construction activities.

(1) Construction debris, removed vegetation;	See Attachment.
(2) Discharges associated with the operation and maintenance of the equipment, such as oil, fuel and hydraulic fluid leakage;	See Attachment.
(3) Soil erosion from the disturbed areas and stockpile areas;	See Attachment.
(4) Location(s) of oil, fuel or any hazardous material storage site(s) and containment structure(s);	See Attachment.
(5) Discharges associated with emulsified asphaltor prime/tack coat;	See Attachment.
(6) Discharges associated with painting and paint wash solvent/water;	See Attachment.
(7) Industrial chemicals, fertilizers, and/or pesticides; and	See Attachment.
(8) Other Sources.	See Attachment.

C.8.b.iv. Controls for Land Disturbances - The owner and/or general contractor shall check the box to indicate that at a minimum, they will comply with all conditions as stated below from HAR, Chapter 11-55, Appendix C, under Special Conditions for Land Disturbances. It may be amended to be site-specific (i.e., type of cover to be used).

(a) Construction Management Techniques
- (1) Clearing and grubbing shall be held to the minimum necessary for grading and equipment operation.
- (2) Construction shall be sequenced to minimize the exposure time of the cleared surface area.
- (3) Construction shall be staged or phased for large projects. Areas of one phase shall be stabilized before another phase is initiated. Stabilization shall be accomplished by temporarily or permanently protecting the disturbed soil surface from rainfall impacts and runoff.
- (4) Erosion and sediment control measures shall be in place and functional before earth moving operations begin. These measures shall be properly constructed and maintained throughout the construction period.
- (5) All control measures shall be checked and repaired as necessary, for example, weekly in dry periods and within twenty-four hours after any rainfall of 0.5 inches or greater within a 24-hour period. During prolonged rainfall, daily checking is necessary. The permittee shall maintain records of checks and repairs.
- (6) The permittee shall maintain records of the duration and estimated volume of storm water discharge(s).
- (7) A specific individual shall be designated to be responsible for erosion and sediment controls on each project site.

☒

(b) Vegetation Controls
- (1) Pre-construction vegetative ground cover shall not be destroyed, removed, or disturbed more than twenty calendar days prior to land disturbance.
- (2) Temporary soil stabilization with appropriate vegetation shall be applied on areas that will remain unfinished for more than thirty calendar days.
- (3) Permanent soil stabilization with perennial vegetation or pavement shall be applied as soon as practical after final grading. Irrigation and maintenance of the perennial vegetation shall be provided for thirty calendar days or until the vegetation takes root, whichever is shorter.

(c) Structural Controls
- (1) Storm water flowing toward the construction area shall be diverted by using appropriate control measures, as practical.
- (2) Erosion control measures shall be designed according to the size of disturbed or drainage areas to detain runoff and trap sediment.
- (3) Water must be discharged in a manner that the discharge shall not cause or contribute to a violation of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-4.

Additional and/or Site-Specific Controls for the Project	As described in the Construction Plans, various sections of this form and in the "Attachment to CWB-NOI Form C"

C..8.b.v. Erosion and Sediment Control Requirements - Please select only one of the following.

- ○ i. The county-approved erosion and sediment control plan and/or grading permit , where applicable, as appropriate for the activity and a schedule for implementing each control is attached to the NOI.
- ◉ ii. The county-approved erosion and sediment control plan and/or grading permit , where applicable, as appropriate for the activity and a schedule for implementing each control will be submitted at least 30 calendar days before the start of construction activities.
- ○ iii. The county-approved erosion and sediment control plan and/or grading permit , where applicable, is not required. The written determination is attached or the contact information is as follows:

Date of Letter or
Name, Department, Phone Number, and Date Contacted

C.8.b.vi. Construction Schedule - Attach the proposed construction schedule which shall include, at a minimum:

(1) The date when erosion control measures will be implemented. See Attachment.

(2) The date when the general contractor will begin the site disturbance. See Attachment.

(3) The date when major construction activities begin. See Attachment.

(4) The proposed timetable for major activities. See Attachment.

(5) The date when major construction activities end. See Attachment.

(6) The date when the general contractor will end the site disturbance. See Attachment.

(7) The date when erosion control measures will be removed. See Attachment.

C.8.c. The Site-Specific Construction BMPs Plan - Please select one.

- ○ The Site-Specific Construction BMPs Plan is attached to the NOI. Responses and attachments for all of Items C.8.a. and C.8.b. are provided and are site-specific to the construction project.
- ◉ The Site-Specific Construction BMPs Plan will be submitted at least 30 calendar days before the start of construction activities.

C.9. Post-Construction Pollutant Control Measures - Please insert the requested information in the space provided or select one of the following choices. The description of measures that will minimize the discharge of pollutants via storm water discharge after construction operations have been completed are as follows:

See "Attachment to CWB-NOI Form C"

- ☒ The description of measures that will minimize the discharge of pollutants via storm water discharge after construction operations have been completed are attached.
- ☐ The description of measures that will minimize the discharge of pollutants via storm water discharge after construction operations have been completed will be submitted at least 30 calendar days before the start of construction activities.

C.10. Additional Information Final Environmental Assessment (EA), Hazardous Materials Survey Reports and Drainage Report will be included.

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