



State of Hawaii, Department of Health, Clean Water Branch

CWB-Individual 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))**

Before completing this form, read the *Guidelines for CWB-Individual NPDES Form C*. Alteration of the text in this form may delay the processing of this submittal. The \$1000 filing fee and CWB-NPDES Signatory and Certification Statement shall be submitted with this form. The EPA Form 3510-1 is not required to be submitted with this form.

1. Owner Information (see Guidelines for CWB-Individual NPDES Form C - Note 1)

Legal Name: **State of Hawaii, Department of Transportation**

Mailing Address: **869 Punchbowl Street**

City, State and Zip Code+4: **Honolulu, Hawaii 96813-5097**

Street Address: **Same as above**

City, State and Zip Code+4: **Same as above**

Contact Person & Title: **Edwin H. Sniffen, Administrator, Highways Division**

Phone No.: **(808) 587-2220**

Fax No.: **(808) 587-2340**

2. Owner Type (see Guidelines for CWB-Individual NPDES Form C - Note 2)

City ☐ County ☐ State ☒ Federal ☐ Private ☐ Other ☐

If "Other" is checked, specify the type below:

3. General Contractor Information (see Guidelines for CWB-Individual NPDES Form C - Note 3)

Legal Name: **(Will be submitted at least 30 days before the start of construction activities.)**

Mailing Address: _____

City, State and Zip Code+4: _____

Street Address: _____

City, State and Zip Code+4: _____

Contact Person & Title: _____

Phone No.: () _____ Fax No.: () _____

☒ The general contractor information will be submitted 30 days before the start of construction activities.

4. Project Information (see Guidelines for CWB-Individual NPDES Form C - Note 4)

Legal Name: **Kaneohe Bay Drive Rehabilitation - Kamehameha Highway to Nanamoana Street**

Mailing Address: **601 Kamokila Ave, Rm. 636**

City, State and Zip Code+4: **Kapolei, HI 96707**

Street Address: **Kaneohe Bay Drive - Kamehameha Highway to Nanamoana Street**
(See Attachment 1, Location, Outfall, and Vicinity Maps)

City, State and Zip Code+4: **Kaneohe, HI 96744**

Contact Person & Title: **Kevin Kasamoto, Engineer DOT**

Phone No.: **(808) 692-7563**

Fax No.: **(808) 692-7617**

Island: **Oahu**

Tax Map Key No(s).			
Zone	Section	Plat	Parcel(s)
4	4	14, 18, 19, 36	N/A
4	5	29, 30, 32, 34, 46, 48, 49, 51, 60, 84, 100, 101, 104	N/A

5. Receiving State Water(s) Information (see Guidelines for CWB-Individual NPDES Form C - Note 5)

a. Receiving State Water Name: **Kawa Stream (See Table I Attached)**

Discharge Point Coordinates into the Receiving State Water:

Latitude: ° ' " N Longitude: ° ' " W

Classification: (check the appropriate space(s))

Inland: Class 1 ☐ Class 2 ☒ and Estuary ☐

Marine: Class AA ☐ Class A ☐ Embayment ☐

- b. Are there additional discharge points into receiving State waters?

No ☐ Yes ☒ If yes, provide the information requested in Item 5.a. on a separate sheet. **(See Attachment 2, Table I)**

- c. Does the discharge enter a storm water drainage system before discharging into the receiving State waters?

No ☐ Yes ☒ If yes, provide the following information. Attach a separate sheet with the requested information if there is more than one (1) discharge point into the storm water drainage system.

i. Drainage System Owner's name: Department of Transportation, Highways Division and City and County of Honolulu.

ii. Discharge Point Coordinates into the Drainage System: (See Attachment 2, Table II)

Latitude: ° ' " N Longitude: ° ' " W To

Latitude: ° ' " N Longitude: ° ' " W

iii. A copy of the permit, license, or equivalent written approval granted by the owner(s) of the drainage system(s) allowing the subject discharge to enter their drainage system(s) is attached.

Yes ☒ No ☐ , an explanation is attached. ***(The Director of the Department of Transportation approves runoff from Kaneohe Bay Drive to discharge into the Highways Division drainage system. A copy of the project's NOI will be sent to the Oahu District, Highways Division. A MOU between the City and County of Honolulu Department of Environmental Services and The Department of Facility Maintenance and DOT Highways approves discharge connections to city drainage facilities without private drain connection licenses. A copy of the MOU is included under Attachment 12.)***

6. Quantity of Storm Water Discharge (see Guidelines for CWB-Individual NPDES Form C - Note 6)

31.48 (cfs/gpd)

7. Non-Storm Water Information (see Guidelines for CWB-Individual NPDES Form C - Note 7)

a. Source(s) of the non-storm water: **Sources may include water for dust control, concrete truck wash water, construction exit wash water, saw-cutting slurry, concrete curing water, water-jet wash water, or other sources.**

b. Non-storm water handling method: Does the non-storm water discharge from the construction site?

☐ Yes If yes, where is the non-storm water discharged? The construction activity may require additional forms. Contact the CWB for details.

☒ No If no, indicate the non-storm water handling method(s):

Non-Storm water will be handled with site-specific best management practices (BMPs). The BMPs will be submitted 30 days before the start of construction.

8. Location Map (see Guidelines for CWB-Individual NPDES Form C - Note 8)

a. A location map which shows the following is attached: Yes ☒ No ☐

i. Island on which the project site is located, and

ii. Location of the project site.

b. A topographic map or maps of the area which clearly show the following is/are attached:

Yes ☒ No ☐

- i. Legal boundaries of the project site, **(See Attachment 6)**
- ii. Location and identification number of each of the project site's existing and/or proposed outfalls or discharge points, and **(See Attachment 1)**
- iii. Receiving State water(s) and receiving storm water drainage system(s), if applicable, identified and labeled. **(See Attachment 1)**
9. Flow Chart (see Guidelines for CWB-Individual NPDES Form C - Note 9)
- A flow chart or line drawing showing the general route taken by storm water through the project site is attached.
- Yes ☒ No ☐
10. Existing or Pending Permits, Licenses, or Approvals (see Guidelines for CWB-Individual NPDES Form C - Note 10)
- Provide the status and corresponding file numbers on any existing or pending environmental permits.
- a. Other NPDES Permit or NGPC File No.: N/A
- b. DA Permit: N/A
- c. Section 401 WQC: N/A
- d. SHPD file number: Division Log No: 2004.2004.2726, Doc No:0409EJ05
- e. Others (Specify): Per letter of agreement with the City and County of Honolulu, this project falls under the typical project not requiring a grading permit (Road Rehabilitation). A copy of the letter of agreement is included under Attachment 11.
11. Construction Site Characterization (see Guidelines for CWB-Individual NPDES Form C - Note 11)
- a. Describe the scope of the construction activity, including a proposed timetable for major activities with the date when the contractor will begin the site disturbance
- The purpose of the project is to rehabilitate Kaneohe Bay Drive. Construction activities include: cold planing, resurface & reconstruct roadway, driveway & sidewalk, install guardrail, loop detector, pavement marking and signing, adjust manhole & valve box frames and covers, upgrade drainage facilities, and pedestrian railing work. Construction Notice to Proceed is tentatively scheduled for December 2012 and should be completed within 1 year.
- b. Describe the history of the land use

Kaneohe Bay Drive from Kamehameha Highway to Mikiola Drive was built in 1950.

Kaneohe Bay Drive between Mikiola Drive and Nanamoana Street was constructed in 1970. The 2 to 4 lane roadway is classified as a principal arterial and has undergone resurfacing, widening, signalization, and safety and drainage improvements since.

- c. Describe the pollution source(s) in the history and corrective measures

Pollution sources include oil, grease, silt, and litter from motor vehicles using the roadway. Corrective measures include periodic sweeping and other maintenance activities as required to minimize pollutants from entering receiving waters.

12. Construction Site Area (see Guidelines for CWB-Individual NPDES Form C - Note 12)

a. Total area of the site: 24.82 acres

b. Total disturbance area (i.e., clearing, excavating, grading, grubbing, storage, staging, etc.):

8.12 acres

c. Impervious area of the site after construction is completed: 12.07 acres

13. Construction Best Management Practices (BMPs) Plan (see Guidelines for CWB-Individual NPDES Form C - Note 13)

a. Project Site Map (see Guidelines for CWB-NPDES Form C - Note 13.a.)

- i. Will construction be done in phases?

No ☒

Yes ☐

If yes, a phasing map identifying each phase of the multi-phase construction project and the boundaries of each phase is attached: **N/A**

Yes ☐

No ☐

- ii. A facility site map(s) which shows the following information is attached:

Yes ☒

No ☐

Items 1, 2, 4, 8, and 10 are shown in Attachments 1 & 6. Item 6 is shown in Attachment 5, Flood Insurance Rate Map.

- (1) Approximate slopes anticipated after major grading activities and pre-construction, during-construction, and post-construction drainage patterns;
- (2) Areas of soil disturbance;
- (3) Construction Baseyard and/or staging areas;
- (4) The location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed;
- (5) Wetlands and other State water(s);
- (6) The boundaries of 100-year flood plans, if determined;
- (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.;

- (8) The location(s) where stabilization practices are expected to occur;
- (9) The location(s) and descriptions of all structural controls including those that will be used to divert the offsite storm water from flowing into the construction site and;
- (10) The areas where vegetative practices are to be implemented.

Note: Items (1) through (2), (4) and (6), (8) and (10) shall be submitted with the application. If Items (3), (7), and (9) are not available at the time of submittal, the information will be submitted at least 30 days before the start of construction activities.

- iii. Indicate which items are not applicable (use item numbers above):

Item 5 - There are no known wetlands within the limits of the project.

- iv. Indicate which items will be submitted 30 days before the start of construction activities (use item numbers above):

Items 3, 7, and 9

- b. The construction BMPs plan is attached on separate sheets with reference to Item 13.b.

Yes ☐ No ☒

The construction BMPs plan shall provide information requested in the Guidelines for CWB-Individual NPDES Form C - Note 13.b. 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.

Construction is tentatively scheduled to begin in December 2012 and end in December 2013. Attached are the Temporary Water Pollution, Dust, and Erosion Control special provisions and Water Pollution and Erosion Control Notes Sheet.

- i. Construction Activity - Describe the nature of the construction activity.

- (1) What is to be constructed and the construction sequence?

Construction activities include: cold planing, resurface & reconstruct roadway, driveway & sidewalk, install guardrail, loop detector, pavement marking and signing, adjust manhole & valve box frames and covers, upgrade drainage facilities, and pedestrian railing work. Construction is tentatively scheduled to begin in December 2012 and end in December 2013.

- (2) If the project is a multi-phase construction project, include a list of each phase. **N/A**

- (3) What type of materials and heavy equipment will be used for the construction activity?

Equipment to be used for construction activity will be: Asphalt Milling Machine, Brooming Machine, Dump Truck, Loader, Distributor Truck, Paver, Roller, Backhoe Loader, Concrete Truck, Guardrail Post Driver, Truck Mounted Auger, Truck and Trailer.

- 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.

The underlying soil of the project site consists of Lolekaa Silty Clay, Kaneohe Silty Clay, Alaeloa Silty Clay, Papaa Clay, and Kawaihapai Stony Clay. Fill material used in roadway reconstruction will consist of Hot Mix Glassphalt Base Course and Hot

Mix Asphalt Pavement. Soil contamination is not expected in this area as there are no petroleum pipelines within the project limits. Temporary Water Pollution, Dust and Erosion Control special provisions and Water Pollution and Erosion Control Notes Sheet are shown in Attachments 9 and 10.

- iii. Potential Pollutant(s) - Identify all the potential pollutant(s) that will be generated by the proposed construction activities and the proposed control measures or treatment, as applicable. These pollutants may include, but are not limited to:
- (1) Construction debris, removed vegetation; **See Attachment 13**
 - (2) Discharges associated with the operation and maintenance of the equipment, such as oil, fuel and hydraulic fluid leakage; **See Attachment 13**
 - (3) Soil erosion from the disturbed areas and stockpile areas; **See Attachment 13**
 - (4) Location(s) of oil, fuel or any hazardous material storage site(s) and containment structure(s); and **N/A**
 - (5) Other.
- iv. Controls for Land Disturbances - The owner and/or general contractor shall comply with the Special Conditions for Land Disturbances (from HAR, Chapter 11-55, Appendix C). The Department suggests including the language described in Note 13.b.iv. of the Guidelines for CWB-Individual NPDES Form C in the BMPs plan. It may be amended to be site-specific (i.e., type of cover to be used).

By submitting this section the owner and/or general contractor agrees that at a minimum, they will comply with all conditions from Section No. 11 of HAR, Chapter 11-55, Appendix C, under Special Conditions for Land Disturbances.

- v. Erosion and Sediment Control Requirements - If applicable, submit the county-approved erosion and sediment control plan and/or the county-approved grading permit as appropriate for the activity and a schedule for implementing each control with the application or 30 days before the start of construction activities.

Per letter of agreement with the City and County of Honolulu, this project falls under the typical project not requiring a grading permit (Road Rehabilitation). A copy of the letter of agreement is included in Attachment 11.

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

- (1) The date when the general contractor will begin and end the site disturbance;

Site disturbance begins December 8, 2012 and ends December 1, 2013.

- (2) Dates when erosion control measures will be implemented and removed; and

Erosion Control measures will be implemented on December 1, 2012 and will be removed on December 8, 2013.

- (3) The dates when major construction activities begin and end.

Construction is tentatively scheduled to begin in December 2012 and end in December 2013

- c. ☐ The Site-Specific Construction BMPs Plan is submitted as an attachment to the CWB-Individual NPDES Form C.

☒

The Site-Specific Construction BMPs Plan will be submitted 30 days before the start of construction activities.

14. Post-Construction Pollutant Control Measures (see Guidelines for CWB-Individual NPDES Form C - Note 14)

The description of measures that will minimize the discharge of pollutants via storm water discharge after construction operations have been completed are attached on a separate sheet with reference to Item 14.

Yes

☒

No

☐

See Attachment 7

15. Additional Information (see Guidelines for CWB-Individual NPDES Form C - Note 15)

Also attached with this submittal are the following:

a) "Non-Structural Pollution Control Measures". This attachment describes general non-structural BMPs that the Contractor must follow during the construction of the project.

b) "Inspection and Maintenance Report Forms". These are the forms that the Construction Engineer and/or Inspector must complete during the construction of the project.

16. Authorization of Representative (see Guidelines for CWB-Individual NPDES Form C - Note 16)

Alteration of this item will result in the invalidation of the authorization statement(s).

- a. This statement authorizes the named individual or any individual occupying the named position of the company/organization listed below to act as our representative to process the required application for coverage under the NPDES permit to discharge to State waters from the subject facility. This authorization begins with NPDES permit application processing and ends upon the Owner's receipt of the NPDES Permit. The Owner hereby agrees to comply with and be responsible for all NPDES permit conditions.

Company/Organization Name: Department of Transportation, Highways Division

Mailing Address: 869 Punchbowl Street

City, State and Zip Code+4: Honolulu, Hawaii 96813-5097

Street Address: 869 Punchbowl Street

City, State and Zip Code+4: Honolulu, Hawaii 96813-5097

Authorized Contact Person & Title: Edwin H. Sniffen, Administrator, Highways Division

Phone No.: (808) 587-2220

Fax No.: (808) 587-2340

- b. This statement authorizes the named individual or any individual occupying the named position of the company/organization listed below to act as our representative to process the required application for coverage under the NPDES permit to discharge to State waters from the subject facility. Our representative is further authorized to fulfill all conditions of the NPDES permit. This authorization begins with NPDES permit application processing and ends upon receipt of the CWB-NOC Form by the CWB. The Owner hereby agrees to comply with and be responsible for all NPDES permit conditions.

Company/Organization Name: N/A

Mailing Address: N/A

City, State and Zip Code+4: N/A

Street Address: N/A

City, State and Zip Code+4: N/A

Authorized Contact Person & Title: N/A

Phone No.: () N/A

Fax No.: () N/A

- c. This statement authorizes the named individual or any individual occupying the named position of the company/organization listed below to act as our representative to fulfill all conditions of the NPDES permit for the subject facility. This authorization begins upon the Owner's receipt of the NPDES Permit and ends upon receipt of the CWB-NOC Form by the CWB. The Owner hereby agrees to comply with and be responsible for all NPDES permit Conditions.

Company/Organization Name: **Department of Transportation, Highways Division**

Mailing Address: **727 Kakoi Street**

City, State and Zip Code+4: **Honolulu, Hawaii 96819-2017**

Street Address: **727 Kakoi Street**

City, State and Zip Code+4: **Honolulu, Hawaii 96819-2017**

Authorized Contact Person & Title: **Pratt M. Kinimaka, Engineering Program Manager**

Phone No.: **(808) 831-6700**

Fax No.: **(808) 831-6725**

- d. ☐ A separate statement is attached.

CWB-Individual NPDES Form C Checklist

If any item (except for Item 15) is listed as "no," attach a sheet with the reason for its exclusion from the CWB-Individual NPDES Form C submittal.

Item Number	Description	Is info. provided?	
		Yes	no
1.	Owner Information	X	
2.	Owner Type	X	
3.	General Contractor Information		X
4.	Project Information	X	
5.	Receiving State Water(s) Information	X	
6.	Quantity of Storm Water Discharge	X	
7.	Non-Storm Water Information	X	
8.	Location Maps are attached	X	
9.	Flow Chart is attached	X	
10.	Existing or Pending Permits, Licenses, or Approvals	X	
	a. Submit one (1) copy of the NPDES permit application to SHPD (see Guidelines for CWB-NPDES Form C - Note 10.d.)		X
11.	Construction Site Characterization	X	
12.	Construction Site Area	X	
13.	Construction BMPs Plan		X
	a. Project Site Map(s)		X
	b. Construction Activity		X
	c. Quality of Discharge		X
	d. Potential Pollutant(s) and Control Measures		X
	e. Controls for Land Disturbances		X
	f. Erosion and Sediment Control Requirements (i.e., county-approved erosion control plan)		X
	g. Proposed Construction Schedule is attached		X
14.	Post-Construction Erosion Control Measures is attached	X	
15.	Additional Information	X	
16.	Authorization of Representatives	X	
17.	CWB-NPDES Signatory and Certification Statement is attached	X	

CWB-Individual NPDES Form C Checklist			
If any item (except for Item 15) is listed as "no," attach a sheet with the reason for its exclusion from the CWB-Individual NPDES Form C submittal.			
Item Number	Description	Is info. provided?	
		yes	no
18.	Filing Fee (\$1,000) is attached		X
19.	Number of copies with supporting documents submitted		
	a. Two (2) copies for projects on the island of Oahu	X	
	b. Four (4) copies for projects on the island of Hawaii		X
	c. Three (3) copies for projects on islands other than Oahu and Hawaii		X
20.	Submit a list of all supporting documents (see Guidelines for CWB-Individual NPDES Form C - Note VI.)	X	