



State of Hawaii
Department of Health
Clean Water Branch

CWB USE ONLY

WQC No.: _____ Engineer: _____
Date Received: _____

CWB-WQC Application

Information Required for the Section 401 Water Quality Certification (WQC)

Before completing this form, read the Guidelines for CWB-WQC Application.

☐ If mail is not received at the street address, provide the mailing address(es) in Item 14, Additional Information.

1. Owner Information (see Guidelines for CWB-WQC Application - Note 1)

Legal Name: State of Hawaii, Department of Transportation (DOT), Highways Division

Street Address: 869 Punchbowl Street

City, State and Zip+4 Code: Honolulu, HI 96813

Contact Person & Title: Mr. Lawrence Dill, Kauai District Engineer

Phone No.: (808) 587.1835 Fax No.: (808) 587.1787

2. General Contractor Information (see Guidelines for CWB-WQC Application - Note 2)

Name: To be provided within 30 calendar days prior to construction commencement

Street Address: _____

City, State and Zip+4 Code: _____

Contact Person & Position Title: _____

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

3. Emergency Contact Information (see Guidelines for CWB-WQC Application - Note 3)

a. Company/Organization Name: General Contractor

Contact Person & Title: To be provided within 30 calendar days prior to construction commencement.

Phone No.: _____ Fax No.: _____

b. Company/Organization Name: DOT Highways Division – Kauai District Office

Authorized Person & Title: Lawrence Dill, Kauai District Engineer

Phone No.: (808) 241.3006 Fax No.: (808) 241.3011

4. Project Site Information (see Guidelines for CWB-WQC Application - Note 4)

Project Name: Kuhio Highway Short-Term Improvements Kuamoo Road to Temporary Bypass Road, Kuhio Highway Culvert Extension

Government Project/Job No. (as applicable): Federal Aid Project No. NH-056-1(50)

Street Address: No Street Address. Culvert located along Kuhio Highway at Mile Post 6.53

City, State and Zip+4 Code: Kapaa, Kauai, Hawaii

Contact Person & Title: Mr. Lawrence Dill, Kauai District Engineer, HDOT Project Manager

Phone No.: (808) 241.3006 Fax No.: (808) 241.3011

Island: Kauai

Tax Map Key Number(s)			
Zone	Section	Plat	Parcel(s)
4	3	1	999 (HDOT Right-of-Way)
4	3	010	001 (Owner My Kapaa LLC)

5. Associated Permits or Licenses (see Guidelines for CWB-WQC Application - Note 5)

Provide the type(s), status, corresponding file number(s), and legal authorization(s) of any existing or pending permits or licenses:

a. Department of the Army (DA) Permit or License: Nationwide Permit #14 Pre-Construction
(PCN not included. Revised submittal pending.

b. Section 402 NPDES Permit: Based on a meeting dated April 16, 2009 between the DOH, COE, FHWA, and HDOT, the proposed culvert extension, in and of itself, will not disturb one acre or more. As part of the overall Kuhio Highway Short-term Improvements project, however, more than one acre will be disturbed. No discharges associated with dewatering or hydrotesting are anticipated for the proposed culvert extension nor the overall Kuhio Highway Short-Term Improvements project. A Combination Storm Water Pollution Prevention Plan (SWPPP) and In-Water Pollution Prevention Plan (IWPPP) submittal to DOH is pending.

c. RCRA Permit (Hazardous Wastes): Not applicable

d. Facility on SARA 313 List (identify SARA 313 chemicals on site):

Not applicable

e. Other (Specify):

CZM Consistency Certification for Federal Funding: approved on September 11, 2009 (see Attachment B).

CZM Consistency Certification associated with Department of the Army Corps of Engineers Honolulu District (POH) Section 404 Nationwide Permit (NWP) #14 effective March 19, 2017: CZM federal consistency concurrence issued by Hawaii CZM as of 4/5/17.

With regard to the overall Kuhio Highway improvements project, HDOT has consulted with the U.S. Fish and Wildlife Service regarding Section 7 of the Endangered Species Act. Attachment C includes a letter dated July 16, 2009 to the FHWA from the USFWS with the USFWS concurrence that the project "is not likely to adversely affect the Newell's shearwater, Hawaiian petrel, and band-rumped storm petrel."

FHWA and HDOT met with U.S. Army Corps of Engineers, USFWS, NOAA, and NMFS in April 2013 to discuss impacts to Essential Fish Habitat. The project is not expected to have short- or long-term, direct or indirect impacts to the physical, chemical, or biological properties of state water at the project site. No effect to soft or hard bottom substrata or biological communities is anticipated. Coral reef ecosystems, crustacean fisheries, and associated EFH will not be adversely impacted by the project. The assessment was prepared and submitted to NOAA in early December 2013 (see Attachment D). On June 6, 2014, NOAA, FHWA and HDOT concluded consultation regarding EFH and post-construction BMPs such that the project will likely have minimal to no adverse effect to EFH given implementation of certain recommendations. (see Attachment D-1).

The FHWA and HDOT conducted extensive consultation under Section 106 of the National Historic Preservation Act (NHPA), including numerous meetings with Native Hawaiian Organizations (NHOs), including: State Historic Preservation Officer (SHPO), Office of Hawaiian Affairs (OHA), Department of Hawaiian Home Lands (DHHL), as well as descendants and cultural practitioners with lineal and cultural ties to Wailuanuiahoano and the ahupuaa of Wailua and South Oloheua.

Historic properties were identified in the project's area of potential effect (APE) and applied the criteria of effect based upon 36 CFR §800 for the proposed undertaking, and FHWA determined that it will have an "adverse effect" on historic properties. The Section 106 process was completed on October 18, 2013, with the execution of a Memorandum of Agreement (MOA) (see Attachment E).

6. Receiving State Water Information (see Guidelines for CWB-WQC Application - Note 6)

a. Name: Kaloko Wetland

Classification: (check the appropriate space(s))

Inland: Class 1 _____

Class 2 X

Estuary _____

Marine: Class AA _____

Class A _____

Embayment _____

Describe the associated existing uses at the "discharge" location(s):

Concrete drainage culvert beneath Kuhio Highway. Kaloko Wetland is located immediately mauka of the culvert. The primary function of Kaloko Wetland, also known as Kaloko Marsh, is for drainage purposes. The marsh is a depression completely covered by aggressive, introduced grass known as para or California grass (*Urochola mutica*). There are no open water areas other than at the culvert under Kuhio Highway and a nearby culvert beneath an old cane haul road. The marsh does not currently support aquatic biota. No federally endangered or threatened species were encountered during the surveys and, none is anticipated to utilize aquatic habitats in the project area. The wetland function will not be significantly impacted during the short- or long-term.

b. Name: NA

Classification: (check the appropriate space(s))

Inland: Class 1 _____

Class 2 _____

Estuary _____

Marine: Class AA _____

Class A _____

Embayment _____

Describe the associated existing uses at the "discharge" location(s): N/A

7. Project Description (see Guidelines for CWB-WQC Application - Note 7)

a. Project Site Coordinates Refer to Attachment D, Approximate Wetland Impact Area

Latitude: 22° 03' 14.94" N

Longitude: 159° 19' 51.25" W

Latitude: _____ ° _____ ' _____ " N

Longitude: _____ ° _____ ' _____ " W

b. Describe the overall project scope and activities

In conjunction with the "Kuhio Highway Short-Term Improvements, Kuamoo Road to Temporary Bypass Road" project, the State of Hawaii, Department of Transportation (HDOT)

proposes to widen Kuhio Highway from three lanes to four lanes by providing an additional through-lane in the southbound direction (Refer Figures and Plans, Figures 1 through 3B).

The roadway widening will require extension of an existing drainage culvert located beneath Kuhio Highway, approximately 400 feet south of the Temporary Bypass Road. The existing culvert measures approximately 20 feet wide by 45 feet long and is comprised of five openings, including a 36" x 36" center box drain flanked by two 36"-diameter drainage pipes on either side. The culvert will be extended by approximately 25 feet in the mauka direction, and will include a 36-inch pre-cast box drain and four new 36-inch diameter pre-cast reinforced concrete pipes (RCPs) underlain by pipe cushion. A new concrete headwall will be constructed at the mauka limit of the culvert extension, and a concrete collar will be installed to attach the extension to the existing culvert. Rip rap will also be installed. (See Figures and Plans, Sheets 39, 40, 42, and 43). Permanent improvements, including the culvert extension, headwall, and rip rap, will be installed within the HDOT ROW. .

- c. Describe the "discharge" activity and the purpose of the proposed discharge activity

Major construction activities and estimated quantities of fill materials are listed in the table below.

Construction Activity	Estimated Quantities of Fill Materials
1) Installation of BMPs – Silt curtains will be installed mauka of the work area. Curtains will be comprised of high strength nylon fastened to chain ballast and anchored at 8 feet on-center.	Approximately 300 feet long by 3 feet high with boom float at the top, and chains with 50-pound weights at the bottom. Approximately volume of chain and weights is 2 cy.
2) Grading and grubbing of immediate work area	1,809 ft ³ (67 CY)
3) Demolition and removal of existing concrete rubble masonry (CRM) headwall	108 ft ³ (4 CY)
4) Installation of pipe cushion and new 36" x 36" pre-cast box drain and four new 36"-diameter pre-cast RCPs	Box culvert: 197 ft ³ 4 Pipes: 775 ft ³ Pipe Cushion: 972 ft ³
5) Installation of new concrete collar to attach the extension to existing culvert	106 ft ³
6) Installation of new, 50-foot cast-in-place headwall at mauka limit	543 ft ³ 700 ft ³ (total)
7) Backfilling behind new headwall	520 ft ³ 4,130 ft ³ (total)
8) Installation of new rip rap mauka of new headwall	936 ft ³
9) Removal of BMPs	NA

- d. List all "discharge" activities that the owner is seeking coverage for under this WQC application

Demolition and removal of existing CRM headwall, installation of box drain and four RCPs, installation of bed course material beneath pipes, installation of headwall, and associated backfill, and rip rap (See Figures and Plans, Sheets 39, 40, 42, and 43). Pursuant to consultation with DOH on April 16, 2009, chemically treated wood will not be used for form work required for the cast-in-place concrete headwall and collar. A note has been added to the construction plan. Information for Site-Specific Best Management Practices (BMPs) described in Item 10 below. (See Figures and Plans, Sheets 79, 82, and 83).

- e. Specify physical, chemical, biological, thermal, and any other pertinent characteristic of the "discharge" activity

Increased turbidity and suspended sediments are anticipated as a result of clearing and grubbing, excavation, and installation of pre-cast and cast-in-place concrete components, and rip rap.

8. Description of the Existing Environment and Potential Environmental Effects from the Construction Activities (see Guidelines for CWB-WQC Application - Note 8)

- a. Describe the Existing Physical Environment and Potential Physical Environmental Effects

Existing uses in proximity to the project site include an undeveloped property located mauka of the culvert, and a residential project (currently under construction) located makai. Portions of the undeveloped mauka property adjacent to the culvert have been delineated as a wetland. The wetland extends into and beyond the HDOT right-of-way (ROW) and will be affected by the culvert extension. Potential environmental effects to the wetland area include increase turbidity associated with short-term construction activities. The HDOT requests the application be processed under the Streamline Section 401 WQC process, WQC SOP file No. 20160930.DOTHWYS.

With regard to Kaloko Wetland, approximately 2,385 square feet will be affected by the permanent culvert improvements. In addition, during the short-term period, approximately 3,198 square feet will be temporarily affected by construction activities and access. Therefore, the total estimated impact to the wetland is approximately 5,583 square feet. Once construction is complete, all in-water BMPs and construction debris will be removed

and it is anticipated that this portion of the wetland will revert back to its pre-construction condition. Attached is a figure illustrating the proposed work area in relation to the wetland (see Figure 4). The Applicant will continue to consult with the Corps of Engineers regarding the impact to the wetland. Biological survey shows the wetland does not currently support aquatic biota. No federally endangered or threatened species were encountered during the surveys, and none is anticipated to utilize aquatic habitats in the project area. Furthermore, the wetland function will not be significantly impacted during the short-or long-term.

b. Describe the Existing Chemical Environment and Potential Chemical Environmental Effects

A Biological and Water Quality Survey was prepared for the project by AECOS Inc. in May 2009 and is shown as Attachment G. Only isolated pools of water were present in the project area during the survey. No actual flow was evident. The largest pool of water was located on the southeast (makai) side of Kuhio Highway approximately 10 ft (3 m) from the culvert. A single water quality station, "Hwy," was established and sampled from this pool on March 9, 10, and 11, 2009. Results are summarized in the table below. Nitrogen (total nitrogen and nitrate/nitrite), ammonia, phosphorus (total phosphorus), turbidity and total suspended solids concentrations were all elevated with respect to State of Hawaii water quality standards for inland waters and do not meet geometric mean criteria. The waterway does not currently support aquatic biota.

Water Quality Characteristics March 9, 10, and 11, 2009						
Station	Time Hhmm	Temp. (°C)	pH (pH Units)	Dissolved Oxygen	D.O. % Sat.	Cond.
Hwy. (3.9.09)	1515	21.5	6.41	1.6	18	326
Hwy. (3.10.09)	1701	21.9	6.73	1.42	16	311
Hwy. (3.11.09)	1729	21.4	6.52	2.12	24	331
Arth. Mean	---	21.6	6.55	1.71	19	323
	TSS (mg/l)	Turbidity (ntu)	Ammonia (µg N/l)	Nitrate +nitrite (µg N/l)	Total N (µg N/l)	Total P (µg N/l)
Hwy. (3.9.09)	38	77.0	70	374	1,050	165
Hwy. (3.10.09)	25	51.5	58	206	862	173
Hwy. (3.11.09)	24	39.0	80	113	714	118
Geo. Mean	28	54	69	206	866	150

c. Describe the Existing Biological Environment and Potential Biological Environmental Effects

According to the Biological and Water Quality Survey, the culvert under Kuhio Hwy. opens (on the mauka side) into Kaloko Marsh, which in this area is a depression completely covered by the aggressive, introduced grass known as para or California grass (Urochloa mutica). The marsh itself shows no open water areas other than at the culvert under the highway. As mentioned, in Item 8.a, the wetland does not currently support aquatic biota, therefore no federally endangered or threatened species were encountered during the surveys, and none is anticipated to utilize aquatic habitats in the project area. Given the highly overgrown state of the makai portion of this wetland feature, it is unlikely that it is currently usable by native wetland avian species.

d. Describe the Existing Uses and Its Potential Effects

As mentioned in Item 7.b., the existing culvert measures approximately 20 feet wide by 45 feet long and is comprised of five openings, including a 36" x 36" center box drain flanked by two 36"-diameter drainage pipes on either side. Surrounding uses include a large, undeveloped property located mauka of the culvert, and residential uses located makai. The undeveloped mauka property adjacent to the culvert is occupied by a wetland area and cane haul road. During construction, short-term impacts including increased turbidity are anticipated. No significant long-term turbidity impacts are anticipated. The HDOT requests the application be processed under the Streamlined Section 401 WQC process, WQC SOP file No. 20160930.DOTHWYS.

As mentioned in Item 8.a, approximately 2,385 square feet within Kaloko Wetland will be affected by the permanent culvert improvements. In addition, during the short-term period, approximately 3,198 square feet will be temporarily affected by construction activities and access. Therefore, the total estimated impact to the wetland is approximately 5,583 square feet. Once construction is complete, all in-water BMPs and construction debris will be removed and it is anticipated that this portion of the wetland will revert back to its pre-construction condition. Attached is a figure illustrating the proposed work area in relation to the wetland (see Figure 4). The Applicant will continue to consult with the Corps of Engineers regarding the impact to the wetland. The wetland does not currently support

aquatic biota. No federally endangered or threatened species were encountered during the surveys, and none is anticipated to utilize aquatic habitats in the project area. Furthermore, the wetland function will not be significantly impacted during the short- or long-term.

9. Project Schedule (see Guidelines for CWB-WQC Application - Note 9)

- a. Provide the estimated date or dates on which the activity will begin and end:

Construction on the overall Kuhio Highway Short-term Improvements project is anticipated to commence as early as Spring 2019, contingent upon the receipt of required permits and approvals, as well as contractor selection. The anticipated construction schedule for the culvert will span approximately one to two months, of which about 35 days will involve in-water work.

- b. Provide the date or dates that the discharge(s) will take place:

Specific dates for discharges are contingent upon the receipt of required permits and approvals, as well as contractor selection. Major construction components requiring in-water work, estimated construction durations, and estimated quantities of new materials are listed in Item 10.c. below.

10. Site-Specific Best Management Practices (BMP) Plan (see Guidelines for CWB-WQC Application - Note 10)

HDOT requests a waiver to the requirement for submittal of a site specific BMP at this time. The HDOT/FHWA-CFLHD in collaboration with the DOH-CWB and USACE has developed a standard operating procedure (SOP) for implementing stormwater and non-stormwater BMPs on transportation projects. The following provides information for use in a BMP.

The BMPs Plan shall, at a minimum, include the following:

- a. Maps are attached ☒ Yes ☐ No Refer to Attachment D
- b. Site Characterization

As mentioned in Item 8.b, according to the Biological and Water Quality Survey conducted by AECOS Inc. in May 2009, only isolated pools of water were present in the project area during the survey. No actual flow was evident. The largest pool of water was located on the southeast (makai) side of Kuhio Highway approximately 10 ft (3 m) from the culvert.

Nitrogen, ammonia, phosphorus, turbidity and total suspended solids concentrations were all elevated with respect to State of Hawaii water quality standards for inland waters and do not meet geometric mean criteria.

c. Construction Sequence and Duration

The construction sequence and duration are the responsibility of the contractor.

d. Construction Method

Construction means and method are the responsibility of the contractor.

e. Characteristics of the discharge and potential pollutants associated with the proposed construction activity

Source	Composition	Quantity	Duration
1. Pipe cushion	Bed course material	972 ft ³	Construction: 6 days (concurrent with Item 2) To remain permanently after construction.
2. Pre-cast concrete	Reinforced concrete	972 ft ³	Construction: 6 days (concurrent with Item 1) To remain permanently after construction.
3. Cast-in-place concrete headwall and collar	Cement and sand	806 ft ³	Construction: 13 days To remain permanently after construction.
4. Backfill behind headwall	Compacted select granular material	4,130 ft ³	Construction: 4 days (total) (2 days below OHWM) To remain permanently after construction.
5. Grouted rubble pavement	Rock material	936 ft ³	Construction: 6 days To remain permanently after construction.
6. Construction equipment	Fuel, oil, lubricants	Varies	Varies
7. On-site runoff	Debris and silt	Varies	Varies

f. Characteristics of the dredged/excavated material

Source	Composition	Quantity	Duration
Area beneath box culvert, RCPs, headwall, collar and GRP	Soft to very stiff alluvial deposits consisting of clayey silt with sand, and clay.	2,130 ft ³ (79 cy) See below	Up to approx. 30 days
Excavation for box culvert and RCPs	Same as above.	1,920 ft ³	Included with above.
Headwall	Same as above.	700 ft ³	Included with above.
Collar	Same as above.	106 ft ³	Included with above.
GRP	Same as above.	936 ft ³	Included with above.

No pollutants are known to exist in the dredged/excavated material.

g. Proposed control measures and/or treatment

A variety of BMPs will be used. In addition to the BMPs listed below, An Integrated Storm Water Management and A Summary of Clear Water Diversion and Isolation Best Management Practices for Use in the State of Hawaii has been prepared by the HDOT/FHWA-CFLHD. BMPs will be detailed on the Stormwater Pollution Prevention Plan (SWPPP) and In-water Pollution Prevention Plan (IWPPP).

BMPs will include a silt curtain installed mauka of the work area and silt fencing installed along the ROW as shown in the Erosion Control Plan and Details (See Figures and Plans, Sheets 79, 82, and 83). A staging area will be located immediately to the south of the work area within the HDOT ROW. A concrete wash area and adjacent temporary stabilized construction ingress/egress will be located south staging area. With the exception of the silt curtain, all BMPs will be within the ROW. The silt curtain will be installed within standing water near the culvert. The curtain will be suspended by floats at the top and will be anchored by weights at the bottom.

During demolition of the concrete headwall, discharges of concrete and debris into the wetland will not be allowed. Dredged/excavated material will be immediately placed in the storage/drying area identified in the Erosion Control Plan. A temporary stockpile area is not anticipated.

11. Applicable Monitoring and Assessment Plan (see Guidelines for CWB-WQC Application - Note 11)

The Applicable Monitoring and Assessment Plan shall, at a minimum, include the following:

- a. Description of the methods and means being used or proposed to monitor the quality and characteristics of the discharge

The HDOT requests the application be processed under the Streamline Section 401 WQC process, WQC SOP file No. 20160930.DOTHWYS.

- b. Description of the methods and means being used to monitor/maintain all pollutant control measures

See above.

c. Reporting requirements

See above.

d. A narrative of how the monitoring results will be used to demonstrate whether or not the project construction activity was in compliance with the applicable State water quality standards

See above.

12. Mitigation/Compensation Plan (see Guidelines for CWB-WQC Application - Note 12)

The Corps of Engineers has indicated that a wetland mitigation/compensation plan will not be required for the project. See Attachment H No Compensatory Wetland Mitigation.

13. Supporting Documents (see Guidelines for CWB-WQC Application - Note 13)

List and submit applicable maps, plans, specifications, copies of associated permits or licenses, federal applications, Environmental Assessments or Environmental Impact Statements, as applicable, etc.

Document Title

Document Date

a. Department of the Army NWP #14 Pre-construction Notification

Pending

b. Application for SWPPP/IWPPP

Pending

14. Additional Information (see Guidelines for CWB-WQC Application - Note 14)

None

15. Statement of Choice of Publication (see Guidelines for CWB-WQC Application - Note 15)

Check One:

 Public Notice of Proposed Action

HDOT is requesting a waiver to the public notice for this project. The project is anticipated to qualify for a 404 Nationwide Permit, the discharge is minor, the project does not discharge to Class AA or Class 1 waters, and the project is non-controversial. HDOT is requesting approval under the streamlined water quality certification process.

Note, previously, on May 29, 2014, a public notice was published and received no comments

 Public Notice of Public Hearing

 Not Applicable. The applicant is seeking WQC coverage under authorization of WQC File No. _____ for a DA permit authorization under the following (provide applicable information):

DA NWP No. #14

DA GP No. _____

DA PGP No. _____

16. Authorization of Representative (see Guidelines for CWB-WQC Application - Note 16)

Check one and complete the appropriate space(s). 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 Section 401 WQC Application to discharge to navigable waters from the subject project. The Owner hereby agrees to comply with and be responsible for all Section 401 WQC conditions.

Company/Organization Name: _____

Street Address*: _____

City, State and Zip Code+4: _____

Authorized Person & Title: _____

Phone No.: _____ Fax No.: _____

- 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 Section 401 WQC Application to discharge to navigable waters from the subject project. Our representative is further authorized to fulfill all conditions of the Section 401 WQC. The Owner hereby agrees to comply with and be responsible for all Section 401 WQC conditions.

Company/Organization Name: N/A _____

Street Address *: _____

City, State and Zip Code+4: _____

Authorized Person & Title: _____

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

- 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 Section 401 WQC for the subject project. The Owner hereby agrees to comply with and be responsible for all Section 401 WQC Conditions.

Company/Organization Name: State of Hawaii, Department of Transportation _____

Street Address *: 1720 Haleukana St _____

City, State and Zip Code+4: Lihue, Kauai 96766 _____

Authorized Person & Title: Lawrence Dill, Kauai District Engineer _____

Phone No.: (808) 241-3006 _____ Fax No.: (808) 241-3011 _____

- d. A separate statement is attached. N/A Yes _____ No _____

17. Certification (see Guidelines for CWB-WQC Application - Note 17)

Alteration of this item will result in the invalidation of this application. **The person certifying this CWB-WQC Application must meet one of the following descriptions and be employed by the owner listed in Item 1.**

___ I certify that for a municipal agency, I am a principal executive officer or ranking elected official.

X I certify that for a state agency, I am a principal executive officer or ranking elected official.

___ I certify that for a federal or other non-federal public agency, I am a principal executive officer or ranking elected official.

___ I certify that for a federal agency, I am the chief executive officer of the agency, or I am the senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

___ I certify that I am a general partner for a partnership.

___ I certify that I am the proprietor for a sole proprietorship.

___ I certify that for a corporation or association, I am the President, Vice President, Secretary, or Treasurer of the corporation or association and in charge of a principal business function, or I perform similar policy or decision making functions for the corporation or association:

___ I certify that for a corporation, I am the Manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), and authority to sign documents has been assigned or delegated to me in accordance with corporate procedures.

___ I certify that for a trust, I am a trustee.

In accordance with the State of Hawaii, Department of Health, Water Quality Standards, there is reasonable assurance that the proposed activity will be conducted in such a manner which will not violate the basic water quality criteria applicable to all waters and the specific water quality criteria applicable to the class of navigable waters where the proposed "discharge" would take place.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: 

Date: 7-17-2018

Printed Name & Title: Mr. Jade T. Butay, Director of Transportation

Company/Organization Name: State of Hawaii, Department of Transportation

Phone No.: (808) 587.2150

Fax No.: (808) 587.2167