(The Bid Awardee will be provided by Word Version SWPPP)

IN-WATER STORM WATER POLLUTION PREVENTION PLAN (IN-WATER SWPPP)

Project: ***RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS***

WORK AREA 1 AT KOHOU STREET HONOLULU, OAHU, HAWAII

AND

WORK AREA 2 AT 1325 N. SCHOOL STREET HONOLULU, OAHU, HAWAII

Project No.: 04-25

NWPV File No. POH-2021-00052

Prepared by: [ADD Contractor Name]
Date: December 28, 2025

***NOTE: The In-Water SWPPP is for projects with in-water work, no water sampling during construction, and no NPDES Form C Permit.**

YELLOW HIGHLIGHTED – TO BE FILLED OUT BY THE CONTRACTOR. ONLY TO BE USED AS A GUIDE. THE CONTRACTOR IS RESPONSIBLE FOR ALL THE CONTENTS OF THE IN-WATER SWPPP. THEREFORE, THE CONTRACTOR SHOULD EDIT AS NECESSARY.

IN-WATER STORM WATER POLLUTION PREVENTION PLAN (IN-WATER SWPPP)

Project Title: : *RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS*

Work Area 1 (Kohou Street)

and

Work Area 2 (1325 N King Street)

Project No.: 04-25

DA NWPV No. POH-2021-00052

[ADD Contractor Name]

RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS

Work Area 1 (Kouhou Street) and Work Area 2 (1325 N King Street)

12/28/25

The certifying person and duly authorized representative shall meet the requirements of Hawaii Administrative Rules 11-55, Appendix A, Section 15.

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.

I am responsible for this document and all attachments, including the BMPs. If it is determined that the land-based BMPs shown in this document and attachments are not sufficient, I am responsible to amend the land-based BMPs and the cost is incidental to the pay item, "Installation, Maintenance, Monitoring, and Removal of BMP. If the in-water BMPs need to be revised, a new Army Corps 404 Permit and 401 WQC will need to be obtained."

Signature: _____ *Date:* _____

Person Name: **[Contractor Certifying Representative]**

Person Position Title: **[Contractor Title]**

Person Company: **[Contractor Company Name]**

Department: **N/A**

Division: **[Contractor Division]**

Phone Number: **(808) XXX-XXXX ext. XXX** *Fax No.:* **(808) XXX-XXXX**

Person Email: **[Contractor e-mail]**

In-Water Storm Water Pollution Prevention Plan (IN-WATER SWPPP)

DOH

DA File No. _____

Preparation Date 12/28/25

Table of Contents

7.0 Preface

The following documents are referenced throughout this document:

1) Hawaii Administrative Rules (HAR), Chapter 11-55 (used as a guideline for the Sections)

2) City and County of Honolulu, Storm Water Best Management Practice Manual

3) Standard Specifications and Special Provisions

7.0.1 Notes for Contractor/CCH Construction Personnel

{

- Items in red need to be updated by the Contractor once the project is awarded prior to construction. The Contractor shall be responsible for updating the In-Water SWPPP during construction.

The Contractor shall implement the Best Management Practices identified by the designer in site plan and the Contractor shall comply with all the requirements in the Army Corps 404 Permit and 401 Water Quality Certification and their respective applications and correspondence.

NOTE: Currently, the project does not have an NPDES Form C Permit to authorize discharges of storm water associated with construction activity.

The Contractor shall keep track of the total disturbed area. If the area is one acre or more, it will trigger an NPDES Form C Permit.

Total Disturbed Area (including Staging Areas) = XX Acres

Project Disturbed Area = 1,350 Square Feet (0.03 Acres)

Staging Area = XX Acres

The Inspection Requirements are as follows:

1. Daily visual inspections of the in-water BMPs and land-based BMPs using the CCH Inspection Report in Attachment E1.
2. If there is a suspension of in-water work, meaning there is no in-water work and no in-water BMPs, and there are only land-based BMPs, then inspections are required as follows using the CCH Inspection Report in Attachment E1:

    a. *Construction BMPs shall be inspected weekly, and within 24 hours of any rainfall event of **0.25 inches** or greater in a 24-hour period and daily during periods of prolonged rainfall. For more details, see Section 7.2.12 of this In-Water SWPPP.*

    Rain Gauge Location:

    Time of Day the Rain Gauge will be checked each day: xx:xx xx

1) *Immediately initiate and complete stabilization within 7 calendar days on areas of the site in which earth-disturbing activities have temporarily or permanently ceased. For more details, see Section 7.2.10.2 of this In-Water SWPPP.*

7.2.1 Storm Water Team and WQC Section 5 Emergency Contacts

The permittee shall assemble and oversee a "storm water team," which is responsible for the development of the In-Water SWPPP, any later modifications to it, and for compliance with the BMP requirements for this project.

The In-Water SWPPP shall identify the personnel (by name and position) that are part of the storm water team, as well as their individual responsibilities. Each member of the storm water team must have ready access to an electronic or paper copy of applicable portions of any required permits, the most updated copy of the In-Water SWPPP, and other relevant documents or information that shall be kept with the In-Water SWPPP.

***Indicate individuals who may be contacted in case of emergency regarding "discharges" into navigable waters.*

{The Contractor shall include their personnel information once the project is awarded.}

1) Name: ***David B. Bills***

Company: ***Bills Engineering, Inc. (A Wholly Owned Subsidiary of Bowers and Kubota, Consulting Inc.)***

Position: **Design Project Manager**

Contact Number: **(808) 792-2022**

Responsibilities: **Development of the Initial In-Water SWPPP**

2) Name: ***Megan Ueno***

Company: **City and County of Honolulu**

*Position:****CCH Construction Project Engineer***

*Contact Number****: (808) 895-9208 Contact Alternate (Cell) Phone No. (808) 895-9208***

Responsibilities: **Responsible for overall project management including, but not limited to, Internal Quality Assurance of Contract Documents, HAR Chapter 11-55, Chapter 11-54**

and Permit Conditions. **This individual may be contacted in case of an emergency regarding "discharges" into the navigable waters.

3) Name: ***To be provided before construction***

Company: **City and County of Honolulu**

Position: **CCH Inspector**

Contact Number: **(808) xxx-xxxx *To be provided before construction***

Responsibilities: **Responsible for internal Quality Assurance BMP inspections and verifying implementation of BMPs in the field**

5) Name:

Company: **Contractor**

*Position: (***FILL IN Contractor Designated Representative**)*

Contact Number: **(808) xxx-xxxx**

Responsibilities: **Responsible for overall project and field compliance with Contract Documents, HAR Chapter 11-54, Chapter 11-55 and permit conditions, including, but not limited, to SWPPP and any required modifications to the SWPPP**

6) Name:

Company: **Contractor**

Position: **(FILL IN Contractor Designated Representative)**

Contact Number: **(808) xxx-xxxx**

Responsibilities: **Responsible for overall project and field compliance with HAR Chapter 11-55 and permit conditions.**

7) Name:

Company: **Contractor**

Position: **Contractor**

Contact Number: **(808) xxx-xxxx Contact Alternate (Cell) Phone number: (808) xxx-xxxx**

Responsibilities: ****This individual may be contacted in case of an emergency regarding "discharges" into the navigable waters.**

8) Name:

Company: **Contractor**

Position: **Contractor**

Contact Number: **(808) xxx-xxxx**

Responsibilities:

7.2.2A (WQC Section 1) - Army Corps Pre-Construction Notification

Check all NWP or Federal Authorization that are applicable for this project:

- ☑ NWP 3 - Maintenance
- ☐ NWP 5 – Scientific Measurement Devices
- ☐ NWP 12 – Utility Line Activities
- ☐ NWP 13 – Bank Stabilization Activities
- ☐ NWP 14 – Linear Transportation Projects
- ☐ NWP 23 – Approved Categorical Exclusions
- ☐ NWP 33 – Temporary Construction Access and Dewatering
- ☐ Section 10 Rivers and Harbors Act Authorizations
- ☐ Individual 404 Permit Authorizations
- ☐ Other _____

See Attachment J1-A for PCN and NWPV and J1-B for BWQC

Are there any Special Conditions?

- ☐ Yes (See Attachment J1-A and J1-B for Special Conditions)
- ☑ No

7.2.2 Nature of Construction Activities Form C.6 and WQC Section 12 Project Scope

RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS

Work Area 1 (Kouhou Street) and Work Area 2 (1325 N King Street)

12/28/25

What is the function of the construction activity (Please check all applicable activity(ies))?

☐ Residential ☐ Commercial ☐ Industrial ☐ Road Construction ☐ Linear Utility

☑ Other (please specify): **Drainage channel CRM wall construction**

For construction site estimates, see **Construction Site Estimates, In-Water SWPPP Attachment A-7**

What is being constructed? **: The project remove emergency repairs followed by de-construction and re-construction of approximately 90 linear feet of CRM stream channel wall at Work Area No. 1 (Kohou Street). The project will also remove emergency repairs followed by re-construction of approximately 60 linear feet of CRM stream channel wall at Work Area No. 2 (1325 N King Street).**

Describe the overall scope of work and major construction activities for the project, including activities both within navigable waters and outside of the navigable waters, the construction or operation of facilities which may result in any direct and/or indirect "discharge" into State Waters, and base yards and staging areas. Include only 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. *(Note: Per the Contract Documents, the maximum surface area of earth material which may be exposed at any time is 300,000 square feet.)*

The scope of work for this project includes: **The project remove emergency repairs followed by de-construction and re-construction of approximately 90 linear feet of CRM stream channel wall at Work Area No. 1 (Kohou Street). The project will also remove emergency repairs followed by re-construction of approximately 60 linear feet of CRM stream channel wall at Work Area No. 2 (1325 N King Street).**

The locations of the staging and storage areas may be changed by the Contractor depending on his construction means and methods. {The Contractor shall submit to the Officer-in-Charge the locations of his staging and storage areas once the project is awarded for review and acceptance}.

7.2.2B (WQC Section 10 and Section 12) – Receiving State Water(s) Information

a. Identify the Receiving State Water which the project will be conducted in. The Receiving State Water must be a surface water. This should include only the coordinates of the work subject to the Army Corps 404 Permit/Section 10 Rivers and Harbors Act Authorization. Use section "b" below for the coordinates of discharges from areas not associated with the federal permit or license (Staging and Storage Areas, other work such as resurfacing, etc.) or refer to the NPDES Form C Documents if there is a NPDES Form C Permit/NGPC.

Latitude: **21°19'51" N** Longitude: **157° 51' 59" W(Center Work Area 1)**
Latitude: **21°19' 53" N** Longitude: **157° 51' 56" W(Center Work Area 2)**
Latitude: **21°19' 12" N** Longitude: **157°52' 39" W(Honolulu Harbor Makai Nimitz Hwy)**

Receiving Water Name: **Kapalama Stream entering Honolulu Harbor**

Receiving State Waters Classification: **Class II (Kapalama Stream)**

Class A (Honolulu Harbor)

Is the Receiving State Water on the Section 303(d) List?
☑ Yes ❑ No

If the Receiving State Water is on the Section 303(d) List, provide the impairment pollutants:
Nutrients

b. Provide the Discharge Point coordinates of any discharge points for work outside of the Army Corps 404 Permit/Section 10 Rivers and Harbors Act Authorization. Indicate if the Receiving State Water is on the Section 303(d) list and the impairment pollutants if any.

1) Discharge Point Label: Project Location on Vicinity Maps See Attachment A1 Work Area 1 and Attachment A1 Work Area 2

Latitude: 21°19' 51" N Longitude: 157° 51' 59" W (Impaired Work Area 1 (Nutrients)

Latitude: 21°19' 53" N Longitude: 157° 51 56" W (Impaired Work Area 2 (Nutrients)

Receiving Water Name: Honolulu Harbor

Is the Receiving State Water on the Section 303(d) List?
▪ Yes ❑ No

If the Receiving State Water is on the Section 303(d) List, provide the impairment pollutants:
Nutrients

☒

The Topographic Map showing the Locations of the Discharge Points is included in Attachment A See Attachment A1 Work Area 1 and Attachment A1 Work Area 2

7.2.3 Emergency Related Projects

Check as applicable:

☑ Not Applicable

☐ Applicable *(If this box is checked, provide additional information as described below)*

If conducting earth-disturbing activities in response to a public emergency (see Section 1.3.), the permittee shall document the cause of the public emergency (e.g., natural disaster, extreme flooding conditions, etc.), information substantiating its occurrence (e.g., state disaster declaration or similar state declaration), and a description of the construction necessary to reestablish affected public services. *The declaration of emergency or imminent threat to public health is required to be from the state governor or the director.* See Attachment J for additional information.

7.2.4 Identification of Prime Contractor and Other Site Contractors

Here is a list of both the prime contractor and all other contractors (e.g., sub-contractors) who will be engaged in construction activities at the site, and the areas of the site over which each contractor has control. ***{List prime contractor and sub-contractors below and attach map showing areas of control in Attachment A. Complete and attach a Signed Subcontractor Certification/Agreement in Attachment D.}***

General Contractor Company Name: **[ADD GENERAL CONTRACTOR INFORMATION]**	
General Contractor Contact Person Name:	
General Contractor Mailing Address:	
General Contractor Mailing City:	*Mailing State and Zip Code:*
General Contractor Telephone Number: **(808)**	
General Contractor Email Address:	

Sub-Contractor #1 Company Name: **[ADD SUB-CONTRACTOR INFO]**	
Sub-Contractor Contact Person Name:	
Sub-Contractor Mailing Address:	
Sub-Contractor Mailing City:	*Sub-Contractor Mailing State and Zip Code:*
Sub-Contractor Telephone Number: **(808)**	
Sub-Contractor Email Address:	

Sub-Contractor #2 Company Name:	
Sub-Contractor Contact Person Name:	
Sub-Contractor Mailing Address	
Sub-Contractor Mailing City:	*Sub-Contractor Mailing State and Zip Code:*
Sub-Contractor Telephone Number:	

Sub-Contractor Email Address:

Sub-Contractor #3 Company Name, as needed:	
Sub-Contractor Contact Person Name:	
Sub-Contractor Mailing Address:	
Sub-Contractor Mailing City:	*Sub-Contractor Mailing State and Zip Code:*
Sub-Contractor Telephone Number:	
Sub-Contractor Email Address:	

Sub-Contractor #4 Company Name:	
Sub-Contractor Contact Person Name:	
Sub-Contractor Mailing Address:	
Sub-Contractor Mailing City:	*Sub-Contractor Mailing State and Zip Code:*
Sub-Contractor Telephone Number:	
Sub-Contractor Email Address:	

Sub-Contractor #5 Company Name:	
Sub-Contractor Contact Person Name:	
Sub-Contractor Mailing Address:	
Sub-Contractor Mailing City:	*Sub-Contractor Mailing State and Zip Code:*
Sub-Contractor Telephone Number:	
Sub-Contractor Email Address:	

Sub-Contractor #6 Company Name:	
Sub-Contractor Contact Person Name:	
Sub-Contractor Mailing Address:	
Sub-Contractor Mailing City:	*Sub-Contractor Mailing State and Zip Code:*

Sub-Contractor Telephone Number:
Sub-Contractor Email Address:

Sub-Contractor #7 Company Name:	
Sub-Contractor Contact Person Name:	
Sub-Contractor Mailing Address:	
Sub-Contractor Mailing City:	*Sub-Contractor Mailing State and Zip Code:*
(Sub-Contractor Telephone Number)	
(Sub-Contractor Email Address)	

Complete the following items and include them in the Attachments:

- ❑ Attach maps showing areas of Contractor/Subcontractor Control in Attachment A.
- ❑ Complete and attach a Subcontractor Certification/Agreement in Attachment D.

7.2.5 Sequence and Estimated Dates of Construction Activities

❑ Attach the proposed construction schedule, separating the schedules for In-Water and Land-Based Work, in Attachment C, which shall include, at a minimum:

{The Contractor shall submit to the Officer-in-Charge an update of the dates in the In-Water SWPPP once the project is awarded.}

For Land-Based (HAR 11-55):

- ✓ *Installation of storm water control measures, and when they will be made operational, including the sequence and schedule for installation of storm water control measures and of any departures from manufacturer specifications, including removal procedures of the storm water control measures after construction has ceased.*

- ✓ *Commencement and duration of earth-disturbing activities, including clearing and grubbing, mass grading, site preparation (i.e., excavating, cutting and filling), final grading, and creation of soil and vegetation stockpiles requiring stabilization.*

- ✓ *Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of the site.*

- ✓ *Final or temporary stabilization of areas of exposed soil.*

- ✓ *Removal of temporary storm water conveyances/channels and other storm water control measures, removal of construction equipment and vehicles, and cessation of any pollutant-generating activities.*

For In-Water (CWA Section 404 and Section 401 WQC and HAR 11-54):

- ✓ *Date BMP measures to isolate and contain work areas are installed.*

- ✓ *Commencement and duration of In-Water construction activities.*

- ✓ *Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of the site.*

- ✓ *Removal of temporary storm water conveyances/channels and other storm water control measures, removal of construction equipment and vehicles, and cessation of any pollutant-generating activities.*

7.2.6.1 Property Boundary Maps

Complete the following and include in Attachment A:

☑ Include Property Boundary Maps showing the boundaries of the property and of the locations where construction activities will occur. Attach, title, and identify all maps (pdf - minimum 300 dpi) listed below, in **Attachment A-1**

a. Legal boundaries of the project. **Attachment A2**

b. Locations where earth-disturbing activities will occur, noting any sequencing of construction activities. **Attachment A-3.**

c. 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). Note areas of steep slopes (15% or greater in grade). **Attachment A-4.**

d. 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) Note areas of steep slopes (15% or greater in grade). **Attachment A-3 .**

e. 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). Note areas of steep slopes (15% or greater in grade). **Attachment A-3.**

f. Locations where sediment, soil, or other construction materials will be stockpiled.
See In-Water SWPPP Attachment A-8. *Stockpile locations may be changed by the Contractor depending on his construction means and methods. The Contractor shall submit to the Officer-in-Charge for his review and acceptance any updates/changes to stockpile areas during construction for inclusion in the In-Water SWPPP.*

g. Locations of any contaminated soil or contaminated soil stockpiles. **No areas of contaminated soil are expected to be encountered in the area. If any areas are encountered, the locations will be included in the In-Water SWPPP.**

h. *Locations of any crossings of state waters 7.2.6.1e.* **Project is located within State Water, see Attachment A-1**

i. *Designated points on the site where vehicles will exit onto paved roads 7.2.6.1f.* **See In-Water SWPPP Attachment A-7 & A-8.** *Stabilized entrance locations may be changed by the Contractor depending on his construction means and methods. The Contractor shall submit to the Officer-in-Charge for his review and acceptance any updates/changes to stabilized entrances during construction for inclusion in the In-Water SWPPP.*

j. Location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed *7.2.6.1g.* **Attachment A-2.**

k. Locations of construction support activity areas covered by this permit *7.2.6.1h.* **See Attachment A-8.** *The locations of the staging and storage areas may be changed by the Contractor depending on his construction means and methods. The Contractor shall submit to the Officer-in-Charge any updates/changes to staging and storage areas during construction for his review and acceptance and inclusion in the In-Water SWPPP.*

7.2.6.1A (WQC Section 1) - Jurisdictional Waters of the U.S. (Army Corps Jurisdiction) Boundary Maps

❑ Boundaries of the property and of the locations where construction activities will occur. Attach, title, and identify all maps (pdf - minimum 300 dpi) listed below, in Attachment A.

a. Map showing the Jurisdiction Line between In-Water and Land Based BMPs **See Attachment A-3)**.
Note: The Army Corps Jurisdiction Boundary distinguishes where In-Water and Land-Based BMPs (and the associated Inspection, Stabilization Schedules, etc.) apply.

✓ Prior to commencement of the authorized work in wetlands, other special aquatic sites, and other waters, the Contractor shall clearly identify (demarcate) in the field the geographic limits of such waters (i.e., High Tide Line (HTL), Mean High Water Mark (MHWM), Ordinary High-Water Mark (OHWM), approved wetland boundary) affected by the authorized work and as approved by the Army Corps and demarcated above. The delineation of these geographic bounds shall be accomplished by staking, flagging, painting, silt fencing, signage, buoys, etc., and, in all cases, shall be maintained and remain observable throughout the construction period. The Contractor shall also demarcate in the field the project limits of the Corps-authorized fill footprint to ensure that dredged or fill material is not discharged beyond the authorized limits. The permittee is prohibited from conducting any activity occurring in or affecting wetlands, other special aquatic sites, and other waters that requires prior authorization from the Corps, outside of the permitted limits of disturbance (as shown on the permit drawings).

7.2.6.2 to 7.2.6.8 State Waters and BMP Maps

Complete the following items:

☑ Attach, title, and identify all maps (pdf - minimum 300 dpi) listed below, **in Attachment A.**

☑ Reference which maps account for the features listed below.

a. Locations of all state waters, including wetlands that exist within or in the immediate vicinity of the site and indicate which waterbodies are listed as impaired *7.2.6.2.***Attachment A-1**

b. The boundary lines of any natural buffers provided consistent with *Section 5.1.2.1.1, 7.2.6.3.*____ **Army Corps 404 Permit project which is exempt from the buffer requirements.**

c. Topography of the site, existing vegetative cover (e.g., forest, pasture, pavement, structures), and drainage pattern(s) of storm water onto, over, and from the site property before and after major grading activities *7.2.6.4.* **Attachment A-3**

d. Storm water discharge locations, including: a) Locations of any storm drain inlets on the site and in the immediate vicinity of the site to receive storm water runoff from the project; **N/A**

and b) Locations where storm water will be discharged to state waters (including wetlands) *7.2.6.5.* **Attachment A-3.**

e. Locations of all potential pollutant-generating activities identified in *Section 7.2.7, 7.2.6.6.* **See In-Water SWPPP Attachment A-7 & A-8**

f. Locations of storm water control measures *7.2.6.7.* **Attachment A-4 & A-8.** *The Contractor may change the locations of storm water control measures by construction activity and construction sequence depending on his construction means and methods. The Contractor shall submit a separate map for each phase of construction which changes the drainage pattern. The Contractor shall submit to the Officer-in-Charge for his review and acceptance any updates/changes to storm water control measures during construction for inclusion in the In-Water SWPPP. (Include maps by Construction Activity and Construction Sequence)*

g. Locations where chemicals will be used and stored 7.2.6.8. **For locations where chemicals will be used, see Attachment A-7. The table below shows possible chemicals which may be used on site and which construction activity they are associated with.** *The locations where chemicals may be used and stored may be changed by the Contractor depending on his construction means and methods. The Contractor shall submit to the Officer-in-Charge for his review and acceptance any updates/changes to locations where chemicals will be used and stored during construction for inclusion in the In-Water SWPPP.*

Chemical	***Location***	***Major Construction Activity***
Hydraulic oils/ fluids **** Applicable As Noted*** *or* ***Not Applicable*** *(If no indication, then all are Applicable)* *[If all of the items listed in the middle column are applicable, delete the highlighted text above. If some items are not applicable, leave « ****Applicable As Noted*** **». If everything is not applicable, leave « ****Not Applicable*** **»]*	• *Vehicle Refueling area* • *Leaks from broken hoses on equipment* • *Vehicles shall be maintained off site. If a maintenance area is necessary on-site, the Contractor shall submit to the Officer-in-Charge the locations and BMPs for his review and acceptance for inclusion in the SWPPP.* *[If an item is not applicable, write "***Not Applicable***" in* **bold, un-italicized text** *after the item and also include a brief explanation why it is not applicable. Delete all text in this column if it is Not Applicable]*	*Roadway Demolition and Construction, Landscaping* *[Edit as applicable. Delete all text in this column if Not Applicable.]*
Antifreeze/Coolants **** Applicable As Noted*** *or* ***Not Applicable*** *(If no indication, then all are Applicable)*	• *Vehicle Refueling area* • *Leaks from broken hoses on equipment* • *Vehicles shall be maintained off site. If a maintenance area is necessary on-site, the Contractor shall submit to the Officer-in-Charge the locations and BMPs for his review and acceptance for inclusion in the SWPPP.*	*Roadway Demolition and Construction, Landscaping*
Glue, Adhesives **** Not Applicable*** *(If no indication, then Applicable)*	• *Roadway construction*	*Roadway Demolition and Construction*

Concrete Curing Compounds/ Form Release Oils **** Not Applicable*** *(If no indication, then Applicable)*	• *Roadway construction involving concrete*	*Roadway Demolition and Construction*
Pesticides **** Not Applicable*** *(If no indication, then Applicable)*	• *Landscaping areas*	*Landscaping*
Herbicides **** Not Applicable*** *(If no indication, then Applicable)*	• *Landscaping areas*	*Landscaping*
Insecticides **** Not Applicable*** *(If no indication, then Applicable)*	• *Landscaping areas*	*Landscaping*
Fertilizers **** Not Applicable*** *(If no indication, then Applicable)*	• *Landscaping areas*	*Landscaping*

7.2.7 Construction Site Pollutants

For each pollutant-generating activity, an inventory of pollutants or pollutant constituents (e.g., sediment, fertilizers and/or pesticides, paints, solvents, fuels) associated with that activity, which could be exposed to rainfall and could be discharged from the construction site. Take into account where potential spills and leaks could occur that contribute pollutants to storm water discharges. Document for the Officer-in-Charge's review and acceptance any departures from the manufacturer's specifications for applying fertilizers containing nitrogen and phosphorus, under Attachment J.

All solid waste shall be disposed of at DOH, Solid and Hazardous Waste Branch (SHWB), Solid Waste Section (SWS) permitted facilities. If not, contact the SHWB-SWS at (808) 586-4226 as additional permits may be required.

Source/Material	***Description of How Potential Pollutant Source will be Prevented from Discharging with Storm Water Runoff***	***Major Construction Activity***
Construction debris, green waste, general litter **** Not Applicable*** *(If no indication, then Applicable)* *[If the item in the middle column is applicable, delete the highlighted text above. If the item is not applicable, leave « ***Not Applicable** »]*	• *See Section 7.2.10 for Site Specific BMPs* *[If this is not applicable, write a brief explanation why it is not applicable in* **bold, un-italicized text***.]*	*Roadway Demolition and Construction, Landscaping* *[Edit as applicable, not limited to above. Delete all text in this column if Not Applicable.]*
Materials associated with the operation and maintenance of equipment, such as oil, fuel, and hydraulic fluid leakage **** Not Applicable*** *(If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Soil erosion from the disturbed areas **** Not Applicable*** *(If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Sediment from soil stockpiles **** Not Applicable*** *(If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*

Emulsified asphalt or prime/tack coat **** Not Applicable*** *(If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Materials associated with painting, such as paint and paint wash solvent **** Not Applicable*** *(If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Industrial chemicals, fertilizers, and/or pesticides **** Not Applicable*** *(If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Hazardous waste (Batteries, Solvents, Treated Lumber, etc.) **** Not Applicable*** *(If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Metals and Building Materials **** Not Applicable*** *(If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Existing Pollution Sources **** Not Applicable*** *(If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*

Other (Contaminated Soil) **** Not Applicable*** *(If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*

7.2.8 –Sources of Non-Storm Water

Identify all sources of non-storm water and information, including, but not limited to, the design, installation, and maintenance of the control measures to prevent its discharge.

All solid waste shall be disposed of at DOH, Solid and Hazardous Waste Branch (SHWB), Solid Waste Section (SWS) permitted facilities. If not, the Contractor shall contact the SHWB-SWS at (808) 586-4226 and notify the Officer-in-Charge for his agreement the disposal locations. Additional permits may be required.

Source	***Description of How Potential Non-Storm Water Pollution Source will not be Discharged to State Waters***	***Major Construction Activity***
Dust Control Water **** Not Applicable** (If no indication, then Applicable)* *[If the item in the middle column is applicable, delete the highlighted text above. If the item is not applicable, leave « ***Not Applicable** »]*	• *See Section 7.2.10 for Site Specific BMPs* *[If this is not applicable, write a brief explanation why it is not applicable in* **bold, un-italicized text***.]*	*Roadway Demolition and Construction, Landscaping* *[Edit as applicable. Delete all text in this column if Not Applicable.]*
Concrete Truck Wash Water ****Not Applicable** (If no indication, then Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*

Source	***Description of How Potential Non-Storm Water Pollution Source will not be Discharged to State Waters***	***Major Construction Activity***
Sediment Track Out **** Not Applicable** (If no indication, then all control measures are Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Irrigation Water **** Not Applicable** (If no indication, then all control measures are Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Hydrotesting Effluent **** Not Applicable** (If no indication, then all control measures are Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*

Source	***Description of How Potential Non-Storm Water Pollution Source will not be Discharged to State Waters***	***Major Construction Activity***
Dewatering Effluent **** Not Applicable** (If no indication, then all control measures are Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Saw-cutting Slurry **** Not Applicable** (If no indication, then all control measures are Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Concrete Curing Water **** Not Applicable** (If no indication, then all control measures are Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*

Source	***Description of How Potential Non-Storm Water Pollution Source will not be Discharged to State Waters***	***Major Construction Activity***
Plaster Waste Water **** Not Applicable** (If no indication, then all control measures are Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Water-Jet Wash Water **** Not Applicable** (If no indication, then all control measures are Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*
Sanitary/Septic Waste **** Not Applicable** (If no indication, then all control measures are Applicable)*	• *See Section 7.2.10 for Site Specific BMPs*	*Roadway Demolition and Construction, Landscaping*

7.2.9 –Buffer Documentation

Note Exception 3 exempts Buffers for areas subject to an Army Corps 404 Permit. For project work outside of the WQC Jurisdiction, the Designer needs to document buffer requirements.

If required to comply with Section 5.1.2.1. because a state water is located within 50 feet of the project's earth disturbances, describe which compliance alternative has been selected for the site, and comply with any additional requirements to provide documentation in Section 5.1.2.1. Delineate, and clearly mark off, with flags, tape, or other similar marking device all natural buffer areas. *Use velocity dissipation devices if necessary, to prevent erosion caused by storm water within the buffer. Ensure all discharges are first treated by erosion and sediment controls.*

Check as applicable:

☐ Option 1

Provide and maintain a 50-foot undisturbed natural buffer and sediment control.
Note: If the earth disturbances are located 50 feet or further from a state water and have installed sediment control, then the permittee has complied with this alternative. If the buffer is located outside State Highways Right of Way, include written permission from the owner of the land in In-Water SWPPP Attachment H.

*Width of Buffer*_____*feet*

☐ Option 2

Provide and maintain an undisturbed natural buffer that is less than 50 feet and double sediment control (e.g., double perimeter control) spaced a minimum of 5 feet apart.

*Width of Buffer*_____*feet*

☐ Option 3

If it is infeasible to provide and maintain an undisturbed natural buffer of any size, the permittee shall provide and maintain double sediment control (e.g., perimeter control) spaced a minimum of 5 feet apart and complete stabilization within 7 calendar days of the temporary or permanent cessation of earth-disturbing activities. Provide documentation why it is infeasible to provide buffer of any size in Attachment H.

☐ Exception 1

There is no discharge of storm water to state waters through the area between the site and any state waters located within 50 feet of the site, the permittee is not required to comply with the requirements in this section. This includes situations where control measures have been implemented, such as a berm or other barrier, that will prevent such discharges.

☐ Exception 2

For "linear construction projects" where "linear construction projects" means the construction of roads, bridges, conduits, substructures, pipelines, sewer lines, towers, poles, cables, wires, connectors, switching, regulating and transforming equipment and associated ancillary facilities in a long, narrow area, the permittee is not required to comply with the requirements in this section if site constraints (e.g., limited right-of-way) prevent the permittee from meeting any of the compliance alternatives in section 5.1.2.1.1., provided that, to the extent practicable, the permittee limit disturbances within 50 feet of state waters and/or the permittee provide erosion and sediment controls to treat storm water discharges from earth disturbances within 50 feet of the state water. The permittee shall also document below the rationale as to why it is infeasible to comply with the requirements in section 5.1.2.1.1., and describe any buffer width retained and/or erosion and sediment controls installed below.

☑ *Exception 3*

The following disturbances within 50 feet of a state water are exempt from the requirements in this Part: construction approved under a CWA 404 permit; or construction of a water-dependent structure or water access area (e.g., pier, boat ramp, trail).

The project will remove emergency repairs followed by de-construction and re-construction of approximately 90 linear feet of CRM stream channel wall at Work Area No. 1 (Kohou Street). The project will also remove emergency repairs followed by re-construction of approximately 60 linear feet of CRM stream channel wall at Work Area No. 2 (1325 N King Street). All work is water dependant being channel wall construction.

The permittee shall document in the In-Water SWPPP if any of the above disturbances will occur within the buffer area on the site below.

7.2.10 Storm Water Control Measures

Please refer to City and County of Honolulu, Storm Water Best Management Practice Manual. For any conflicting requirements between the Manual and applicable bid documents, the applicable bid documents will govern. Should a requirement not be clearly described within the applicable bid documents, the Contractor shall notify the Officer-in-Charge immediately for interpretation. For the purposes of clarification under "applicable bid documents" include the construction plans, Standard Specifications, Special Provisions, Permits, and the In-Water SWPPP.

Land-based BMP Details

Complete the table below.

Note: The Contractor will provide an installation detail of all proposed BMPs (From CCH Construction BMP Field Manual), including the proposed BMPs that will be used to mitigate the potential pollutants. Attach the details and design calculations, if applicable, in In-Water SWPPP Attachment A. The Contractor shall include the project-specific product sheets (e.g. Tru-Dam or Gutter Buddy, etc.) and any changes to the proposed BMPs above for the Officer-in-Charge's review and acceptance.

Check the appropriate boxes below verifying the following requirements are met. If not applicable, indicate on the blank lines below:

❑ *The specific perimeter sediment controls will be installed and made operational prior to conducting earth-disturbing activities in any given portion of the site that will receive storm water from earth-disturbing activities are described below.* _____

❑ *If contaminated soil exists on-site, control measures will be taken to either prevent the contact of storm water with the contaminated soil, including any contaminated soil stockpiles, or prevent the discharge of any storm water runoff which has contacted contaminated soil or any contaminated soil stockpiles are described below (7.2.10.1.c). The Contractor shall add the BMP measures and locations if any contamination is found on-site for the Officer-in-Charge's review and acceptance.*

❑ *For exit points on the site (or any areas which exit onto a paved street), stabilization techniques and any additional controls that are planned to remove sediment prior to vehicle exit will be taken and are described below. Stabilized entrance locations may be changed by the Contractor depending on his construction means and methods. The Contractor shall submit to the Officer-in-Charge for his review and acceptance any updates/changes to stabilized entrances during construction for inclusion in the In-Water SWPPP.*

❑ *The project is linear, and the use of perimeter controls on portions of the site is impracticable for the following reasons:*_____

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
Construction debris, green waste, general litter ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)* *[If all of the items listed in the middle column are applicable, delete the highlighted text above. If some items are not applicable, leave « ***Applicable As Noted** ». If everything is not applicable, leave « ***Not Applicable** »]*	• *Separate contaminated clean up materials from construction and demolition (C&D) wastes.* • ***Provide waste containers (e.g., dumpster or trash receptacle) of sufficient size and number to contain construction and domestic wastes.*** • *Inspect construction waste and recycling areas regularly.* • *Schedule solid waste collection regularly.* • *Schedule recycling activities based on construction/demolition phases.* • *Empty waste containers weekly or when they are two-thirds full, whichever is sooner.* • ***Do not allow containers to overflow. Clean up immediately if they do.*** • ***On work days, clean up and dispose of waste in designated waste containers.*** • *See Solid Waste Management Section WM-5 for additional requirements.* • *Provide Storm Drain Inlet Protection and/or Perimeter Sediment Controls as applicable.* • *The Contractor shall submit for the Officer-in-Charge's review and acceptance and SWPPP inclusion a Litter Management Plan.* *[If an item is not applicable, write "***Not Applicable***" in* ***bold, un-italicized text*** *after the item and also include a brief explanation why it is not applicable.]*	*See Solid Waste Management Section WM-5. Protect Storm Drain Inlets SE-10, and Perimeter Sediment Controls where applicable.* **See Litter Management Plan in Attachment G.** *Contractor to include Litter Management Plan once the project is awarded.*

Materials associated with the operation and maintenance of equipment, such as oil, fuel, and hydraulic fluid leakage ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Use off-site wash racks, repair and maintenance facilities, and fueling sites when practical.* • ***Designate bermed wash area if cleaning on site is necessary.*** • ***Place drip pans or drop cloths under vehicles and equipment to absorb spills or leaks.*** • ***Provide an ample supply of readily available spill cleanup materials.*** • ***Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly.*** • ***Do not clean surfaces or spills by hosing the area down.*** • ***Eliminate the source of the spill to prevent a discharge or a continuation of an ongoing discharge.*** • *Inspect on-site vehicles and equipment regularly and immediately repair leaks.* • *Regularly inspect fueling areas and storage tanks.* • *Train employees on proper maintenance and spill practices and procedures and fueling and cleanup procedures.* • ***Store diesel fuel, oil, hydraulic fluid, or other petroleum products or other chemicals in water-tight containers and provide cover or secondary containment.*** • *Do not remove original product labels and* ***comply with manufacturer's labels for proper disposal.*** • *Dispose of containers only after all*	*See Vehicle and Equipment Cleaning, Maintenance, and Refueling, Sections NS-8, NS-10, and NS-9, and Material Delivery and Storage Section WM-1 and Material Use Section WM-2, and Spill Prevention and Control WM-4.*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
	the product has been used. • ***Dispose of or recycle oil or oily wastes according to Federal, State, and Local requirements.*** • ***Store soaps, detergents, or solvents under cover or other means to prevent contact with rainwater.*** • *See Vehicle and Equipment Cleaning, Maintenance, and Refueling, Sections NS-8, NS-9, and NS-10 and Material Use Section WM-2 for additional requirements.*	

Soil erosion from the disturbed areas ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Provide Soil Stabilization, Slope Protection, Storm Drain Inlet Protection SE-10, Perimeter Controls and Sediment Barriers, Sediment Basins and Detention Ponds, Check Dams SE-4 ,Level Spreader SE-13, Paving Operations NS-3, Construction Road Stabilization TC-1, Controlling Storm Water Flowing Onto and Through the Project, Post-Construction BMPs, and Non-Structural BMPs (Employee Training EC-0, Scheduling EC-1, Location of Potential Sources of Sediment SE-12, Preservation of Existing Vegetation EC-2)* **.** • ***Delineate, and clearly mark off, with flags, tape, or other similar marking device all natural buffer areas defined in the SWPPP.*** • ***Preserve native topsoil where practicable.*** • ***In areas where vegetative stabilization will occur, restrict vehicle/equipment use in areas to avoid soil compaction or condition soil to promote vegetative growth.*** • ***For Storm Drain Inlet Protection, clean, or remove and replace, the protection measures as sediment accumulates, the filter becomes clogged, and/or performance is compromised.***	*Soil Stabilization* 1. *EC-16 Topsoil Management* 2. *EC-14 Seeding, Planting and Sodding* 3. *EC-3 Hydraulic Mulching* 4. *EC-7Geotextiles and Mats* *Slope Protection* 1. *EC-14 Seeding, Planting and Sodding* 2. *EC-3Hydraulic Mulching* 3. *EC-7 Geotextiles and Mats* 4. *EC-15Slope Roughening/ Terracing* 5. *EC-11 Slope Drains* *SE-10 Storm Drain Inlet Protection* *Perimeter Controls and Sediment Barriers* 1. *SE-1 Silt Fence*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
	• ***Where there is evidence of sediment accumulation adjacent to the inlet protection measure, remove the deposited sediment by the end of the same day in which it is found or by the end of the following work day if removal by the same day is not feasible.*** • ***Sediment basins shall be designed and maintained in accordance with HAR Chapter 11-55.*** • ***Minimize disturbance on steep slopes (Greater than 15% in grade).*** • ***If disturbance of steep slopes are unavoidable, phase disturbances and use stabilization techniques designed for steep grades.*** • ***For temporary drains and swales use velocity dissipation devices within and at the outlet to minimize erosive flow velocities.***	2. *SE-15 Vegetated Buffer Strips and Channels* 3. *SE-16 Compost Socks and Berms* 4. *SE-8 Sandbag Barrier* 5. *SE-14 Rip-Rap & Gabion Inflow Protection* *Sediment Basins and Detention Ponds* 1. *SE-3 Sediment Trap* 2. *SE-2Sediment Basin*

		SE-4 Check Dams *SE-13 Level Spreader* *NS-3 Paving Operations* *TR-2 Stabilized Construction Roadway* *Controlling Storm Water Flowing onto and Through the Project* 1. *EC-9 Earth Dikes and Drainage Swales* *Post Construction BMPs* 1. *Flared Culvert End Sections* 2. *SE-14 Rip-Rap and Gabion Inflow Protection* 3. *EC-10 Velocity Dissipation Devices* 4. *EC-16 Topsoil Management* *Non-Structural BMPs* 1. *EC-0 Employee Training* 2. *EC-1 Scheduling* 3. *SE-12 Location of Potential Sources of Sediment*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
		4. EC-2 Preservation of Existing Vegetation

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
Sediment from soil stockpiles ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Locate stockpiles a minimum of 50 feet or as far as practicable from concentrated runoff* ***or outside of any natural buffers identified on the SWPPP****.* • *Place bagged materials on pallets and under cover.* • *Provide physical diversion to protect stockpiles from concentrated runoff.* • ***Cover stockpiles with plastic or comparable material when practicable.*** • ***Place silt fence, fiber filtration tubes, or straw wattles around stockpiles.*** • ***Do not hose down or sweep soil or sediment accumulated on pavement or other impervious surfaces into any storm water conveyance (unless connected to a sediment basin, sediment trap, or similarly effective control), storm drain inlet, or state water.*** • ***Unless infeasible, contain and securely protect stockpiles from the wind.*** • *Provide Storm Drain Inlet Protection and/or Perimeter Sediment Controls as applicable.* • *See Protection of Stockpiles Section WM-3 for additional requirements.*	*See Protection of Stockpile Management Section WM-3. Storm Drain Inlets Protection SE-10, and Perimeter Sediment Controls where applicable.*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
Emulsified asphalt or prime/tack coat ****Applicable As Noted*** *or* ****Not Applicable*** *(If no indication, then all Site-Specific BMPs are Applicable)*	• *Provide training for employees and contractors on proper material delivery and storage practices and procedures.* • *Restrict paving operations during wet weather to prevent paving materials from being discharged.* • *Use asphalt emulsions such as prime coat when possible.* • *Protect drain inlet structures and manholes during application of tack coat, seal coat, slurry seal, and fog seal.* • ***Keep ample supplies of drip pans and absorbent materials on site.*** • *Inspect inlet protection devices.* • *See Material Delivery and Storage Section WM-1 and Paving Operations Section NS-3 for additional requirements.* • *Provide Storm Drain Inlet Protection and/or Perimeter Sediment Controls as applicable.*	*See Material Delivery and Storage Section WM-1 and Material Use Section WM-2, Paving and Grinding Operations Section NS-3, Storm Drain Inlet Protection SE-10, and Perimeter Sediment Controls where applicable.*

Materials associated with painting, such as paint and paint wash solvent ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Hazardous chemicals shall be well-labeled and stored in original containers.* • ***Keep ample supply of cleanup materials on site.*** • *Dispose container only after all of the product has been used.* • *Remove as much paint from brushes on painted surface.* • *Rinse from water-based paints shall be discharged into the sanitary sewer system where possible. If not,* ***direct all washwater into a leak-proof container or leak-proof pit. The container or pit must be designed so that no overflows can occur due to inadequate sizing or precipitation.*** • ***Locate on-site wash area a minimum of 50 feet away or as far as practicable from storm drain inlets, open drainage facilities, or water bodies.*** • ***Do not dump liquid wastes into the storm drainage system.*** • *Filter and re-use solvents and thinners.* • *Dispose of oil-based paints and residue as a hazardous waste.* • *Ensure collection, removal, and disposal of hazardous waste complies with regulations.* • ***Immediately clean up spills and leaks.*** • *Properly store paints, solvents, and epoxy compounds.* • *Properly store and dispose waste materials generated from painting and structure repair and construction activities.*	*See Material Delivery and Storage Section WM-1, Material Use Section WM-2, Hazardous Waste Management Section WM-6, Waste Management, Spill Prevention and Control Section WM-4, and Structure Construction and Painting Section, Protect Storm Drain Inlets SE-10, and Perimeter Sediment Controls where applicable.*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
	• *Mix paints in a covered and contained area when possible to minimize adverse impacts from spills.* • *Do not apply traffic paint or thermoplastic if rain is forecasted.* • *See Material Delivery and Storage Section WM-1, Material Use WM-2, Waste Management, Hazardous Waste Management Section WM-6, Waste Management, Spill Prevention and Control Section WM-4, and Structure Construction and Painting Section for additional requirements.* • *Provide Storm Drain Inlet Protection and/or Perimeter Sediment Controls as applicable.*	

Industrial chemicals, fertilizers, and/or pesticides ***Applicable As Noted** or **Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Hazardous chemicals shall be well-labeled and stored in original containers.* • ***Keep ample supply of cleanup materials on site.*** • ***Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly.*** • ***Do not clean surfaces or spills by hosing the area down.*** • ***Eliminate the source of the spill to prevent a discharge or a furtherance of an ongoing discharge.*** • *Dispose container only after all of the product has been used.* • *Retain a complete set of safety data sheets (formerly MSDS) on site.* • ***Store industrial chemicals in water-tight containers and provide either cover or secondary containment.*** • ***Provide cover when storing fertilizers or pesticides to prevent these chemicals from coming into contact with rainwater.*** • *Restrict amount of pesticide prepared to quantity necessary for the current application.* • ***Do not apply fertilizers or pesticides during or just before a rain event.*** • ***Do not apply to stormwater conveyance channels with flowing water*** • ***Comply with fertilizer and pesticide manufacturer's recommended usage and disposal instructions. Document departures from manufacturer's specifications in Attachment J.*** • ***Apply fertilizers at the appropriate***	*See Material Delivery and Storage Section WM-1, Material Use Section WM-2, and Hazardous Waste Management Section WM-6, and Spill Prevention and Control WM-4*

Pollutant Source	*Appropriate Site-Specific BMP to be Implemented*	*BMP Requirements*
	time of year for the location, and preferably timed to coincide as closely as possible to the period of maximum vegetation uptake and growth. • ***Follow federal, state, and local laws regarding fertilizer application.*** • ***Do not dispose of toxic liquid wastes (solvents, used oils, and paints) or chemicals (additives, acids, and curing compounds) in dumpsters allocated for construction debris.*** • ***Ensure collection, removal, and disposal of hazardous waste complies with regulations. Hazardous waste that cannot be reused or recycled shall be disposed of by a licensed hazardous waste hauler.*** • *See Material Delivery and Storage Section WM-1, Material Use WM-2, and Waste Management, Hazardous Waste Management Section WM-6 for additional requirements.*	

Hazardous waste (Batteries, Solvents, Treated Lumber, etc.) ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Do not dispose of toxic materials in dumpsters allocated for construction debris.* • ***Ensure collection, removal, and disposal of hazardous waste complies with regulations.*** • ***Hazardous waste that cannot be reused or recycled shall be disposed of by a licensed hazardous waste hauler.*** • *Segregate and recycle wastes from vehicle/equipment maintenance activities such as used oil or oil filters, greases, cleaning solutions, antifreeze, automotive batteries, and hydraulic and transmission fluids.* • ***Store waste in sealed containers, which are constructed of suitable materials to prevent leakage and corrosion, and which are labeled in accordance with applicable Resource Conservation and Recovery Act (RCRA) requirements and all other applicable federal, state, and local requirements.*** • ***All containers stored outside shall be kept away from surface waters and within appropriately-sized secondary containment (e.g., spill berms, decks, spill containment pallets). Provide cover if possible.*** • ***Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly.*** • ***Do not clean surfaces or spills by hosing the area down.*** • ***Eliminate the source of the spill to prevent a discharge or a continuation of an ongoing***	*See Hazardous Waste Management Section WM-6 and Vehicle and Equipment Maintenance NS-10*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
	discharge. • ***Ensure collection, removal, and disposal of hazardous waste complies with manufacturer's recommendations and is in compliance with federal, state, and local requirements.*** • *See Hazardous Waste Management Section WM-6 and Vehicle and Equipment Management, Vehicle and Equipment Maintenance NS-10 for additional requirements.*	

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
Metals and Building Materials ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Inspect construction waste and recycling areas regularly.* • *Schedule solid waste collection regularly.* • ***If building materials or metals are stored on site (such as rebar or galvanized poles) store under cover under tarps or in containers.*** • *Minimize the amount of material stored on site.* • ***Do not stockpile uncovered metals or other building materials in close proximity to discharge points.*** • *See Solid Waste Management Section WM-5 for additional requirements.*	*See Solid Waste Management Section WM-5*
Contaminated Soil ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *See Waste Management, Contaminated Soil Management Section WM-7 and/or Hazardous Waste Management Section WM-6 for additional requirements.* • ***At minimum contain contaminated material soil by surrounding with impermeable lined berms or cover exposed contaminated material with plastic sheets.***	*See Waste Management, Contaminated Soil Management Section WM-7 and/or Hazardous Waste Management Section WM-6*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
Dust Control Water ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Do not over spray water for dust control purposes which will result in runoff from the area.* • ***Apply water as conditions require.*** • *Washing down of debris or dirt into drainage, sewage systems, or State waters is not allowed.* • *See Dust Control Section WE-1 for additional requirements.*	*See Wind Erosion Control Section WE-1*

Concrete Truck Wash Water ***Applicable As Noted** or **Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Disposal of concrete truck wash water via percolation is prohibited.* • *Wash concrete-coated vehicles or equipment off-site or in the designated wash area.* • *Locate on-site wash area a minimum of 50 feet away **or as far as practicable** from storm drain inlets, open drainage facilities, or water bodies.* • *Runoff from the on-site concrete wash area shall be contained in a temporary pit or level bermed area where the concrete can set.* • ***Design the area so that no overflow can occur due to inadequate wash area sizing or precipitation.*** • *The temporary pit shall be lined with plastic to prevent seepage of wash water into the ground.* • *Allow wash water to evaporate or collect wash water and all concrete debris in a concrete washout system bin.* • ***Do not dump liquid wastes into storm drainage system.*** • ***Dispose of liquid and solid concrete wastes in compliance with federal, state, and local standards.*** • *See Waste Management, Concrete Waste Management Section WM-8 for additional requirements.*	*See Waste Management, Concrete Waste Management Section WM-8*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
Sediment Track-Out ****Applicable As Noted*** *or* ****Not Applicable*** *(If no indication, then all Site-Specific BMPs are Applicable)*	• ***Include Stabilized Construction Entrance at all points that exit onto paved roads.*** • *A sediment trapping device is required if a wash rack is used in conjunction with the stabilized construction entrance/exit.* • *The pavement shall not be cleaned by washing down the street.* • *If sweeping is ineffective or it is necessary to wash the streets, wash water must be contained either by construction of a sump, diverting the water to an acceptable disposal area, or vacuuming the wash water.* • *Use BMPs for adjacent drainage structures.* • ***Remove sediment tracked onto the street by the end of the day in which the track-out occurs.*** • ***Restrict vehicle use to properly designated exit points.*** • *Include additional BMPs that remove sediment prior to exit when minimum dimensions can not be met.* • *See Stabilized Construction Entrance Section TC-1 for additional requirements.*	*See Stabilized Construction Entrance/Exit Section TR-1*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
Irrigation Water ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Consider irrigation requirements.* • *Where possible, avoid species which require irrigation.* • *Design timing and application methods of irrigation water to eliminate the runoff of excess irrigation water into the storm water drainage system.* • *See Seeding and Planting Section NS-7 and California Stormwater BMP Handbook SD-12 Efficient Irrigation included in SWPPP Attachment A for additional requirements.*	*See Seeding and Potable Water/Irrigation Section NS-7 and California Stormwater BMP Handbook SD-12 Efficient Irrigation*
Hydrotesting Effluent ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *If work includes removing, relocation or installing waterlines, and Contractor elects to flush waterline or discharge hydrotesting effluent into State waters or drainage systems, the Contractor shall prepare and obtain CCH acceptance of a NOI/NPDES Permit Form F application for CCH submittal to DOH CWB at least 30 calendar days prior to the start of Hydrotesting Activities if necessary. Site specific BMPs will be included in the NOI/NPDES Permit Form F submittal.*	*Site specific BMPs will be included in the NOI/NPDES Permit Form F submittal.*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
Dewatering Effluent ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *If excavation or backfilling operations require dewatering, and Contractor elects to discharge dewatering effluent into State waters or existing drainage systems, Contractor shall prepare and obtain CCH acceptance of a NOI/NPDES Permit Form G application for CCH submittal to DOH CWB at least 30 calendar days prior to the start of Dewatering Activities if necessary. See Site Planning and General Practices, Dewatering Operations Section NS-2 for additional requirements.*	*See Dewatering Operations NS-2. Site specific BMPs will be included in the NOI/NPDES Permit Form G submittal.*
Saw-cutting Slurry ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Saw cut slurry shall be removed from the site by vacuuming.* • *Provide storm drain protection during saw cutting. See Paving Operations Section NS-3 for additional requirements.* • *Provide Storm Drain Inlet Protection and/or Perimeter Sediment Controls as applicable.*	*See Paving and Grinding Operations Section NS-3, Storm Drain Inlet Protection SE-10, Perimeter sediment controls where applicable*
Concrete Curing Water ****Applicable As Noted** or ***Not Applicable** (If no indication, then all*	• *Avoid overspraying of curing compounds.* • *Apply an amount of compound that covers the surface, but does not allow any runoff of the compound.*	*See California Stormwater BMP Handbook NS-12 Concrete Curing*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
Site-Specific BMPs are Applicable)	• *See California Stormwater BMP Handbook NS-12 Concrete Curing included in SWPPP Attachment A for additional requirements.*	
Plaster Waste Water ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• ***Direct all washwater into a leak-proof container or leak-proof pit. The container or pit must be designed so that no overflows can occur due to inadequate sizing or precipitation.*** • ***Locate on-site wash area a minimum of 50 feet away or as far as practicable from storm drain inlets, open drainage facilities, or water bodies.*** • *Any significant residual materials remaining on the ground after the completion of construction shall be removed and properly disposed. If the residual materials contaminate the soil, then the contaminated soil shall also be removed and properly disposed of.* • ***Plaster waste water shall not be allowed to flow into drainage structures or State waters.*** • *See Material Delivery and Storage Section WM-1, Material Use WM-2, and Hazardous Waste Management Section WM-6 for additional requirements.*	*See Material Delivery and Storage Section WM-1, Material Use Section WM-2, and Hazardous Waste Management Section WM-6*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented***	***BMP Requirements***
Water-Jet Wash Water ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *For Water-Jet Wash Water used to clean vehicles, use off site wash racks or commercial washing facilities when practical.* • *See Vehicle and Equipment Cleaning Section NS-8 for additional information.* • *For Water-Jet Wash Water used to clean impervious surfaces, the runoff shall not be allowed to flow into drainage structures or State Waters.*	*See Vehicle and Equipment Cleaning Section NS-8*
Sanitary/Septic Waste ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Locate Sanitary facilities in a convenient place away from drainage facilities.* • ***Position sanitary facilities so they are secure and will not be tipped over or knocked down.*** • *Wastewater shall not be discharged to the ground or buried.* • *A licensed service provider shall maintain sanitary/septic facilities in good working order.* • *Schedule regular waste collection by a licensed transporter.* • *See Sanitary/Septic Waste Section WM-9 for additional requirements.*	*See Sanitary/Septic Waste Section WM-9.*

In-Water BMP Details (WQC)

Complete the table below.

These BMPs are meant to be used in areas within the Army Corps Jurisdiction. These BMPs include operations over State Waters. ***Note that the BMPs cannot deviate from the Army Corps NWPV or the BWQC. Any changes will require a NEW BWQC.***

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented (**Refer to the Army Corps 404 Permit and 401 WQC and their respective applications and correspondence for the approved BMPs)***	***BMP Requirements***
Construction debris (including demolition debris), general litter ****Applicable As Noted*** *or* ****Not Applicable*** *(If no indication, then all Site-Specific BMPs are Applicable)* *[If all of the items listed in the middle column are applicable, delete the highlighted text above. If some items are not applicable, leave «* ****Applicable As Noted*** *». If everything is not applicable, leave «* ****Not Applicable*** *»]*	• *Keep work area clean of all trash and potential pollutants.* • *Use containment systems which prevent pollutants from reaching State Waters* • *Stockpile accumulated debris and waste generated during demolition away from watercourses.*	

Materials associated with the operation and maintenance of equipment, such as oil, fuel, and hydraulic fluid leakage ****Applicable As Noted** or ***Not Applicable** (If no indication, then all Site-Specific BMPs are Applicable)*	• *Heavy equipment driven in wet portions of a water body to accomplish work should be completely clean of petroleum residue, and water levels should be below the fuel tanks, gearboxes, and axles of the equipment unless lubricants and fuels are sealed such that inundation by water will not result in discharges of fuels, oils, greases, or hydraulic fluids.* • *Excavation equipment buckets may reach out into the water for the purpose of removing or placing fill materials. Only the bucket of the crane/ excavator/backhoe may operate in a water body. The main body of the crane/excavator/backhoe should not enter the water body except as necessary to cross the stream to access the work site.* • *Stationary equipment such as motors and pumps located within or adjacent to a water body, should be positioned over drip pans.* • *The exterior of vehicles and equipment that will encroach on a water body within the project should be maintained free of grease, oil, fuel, and residues and may require vegetable based hydraulic oil.* • *Equipment should not be parked below the high water mark unless allowed by a permit.*	

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented (**Refer to the Army Corps 404 Permit and 401 WQC and their respective applications and correspondence for the approved BMPs)***	***BMP Requirements***
	• *See Clear Water Diversion (Limitations) for additional requirements.*	
Soil and sediment from the disturbed areas including dredged spoils and rock/sand fill ****Applicable As Noted*** *or* ****Not Applicable*** *(If no indication, then all Site-Specific BMPs are Applicable)*	• *Streambank Stabilization Techniques* • *Clear Water Diversion and Isolation Techniques* • *Stream Diversion Techniques* • *In-Stream Construction Sediment Control*	
Materials associated with painting, such as paint and paint wash solvent ****Applicable As Noted*** *or* ****Not Applicable*** *(If no indication, then all Site-Specific BMPs are Applicable)*	• *Properly design and install containment systems prior to work* • *Shrouds of appropriate material should be used to prevent paint overspray from entering surface waters* • *Special attention should be given to existing and forecasted wind and weather conditions to prevent pollutant discharges to surface waters*	

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented (**Refer to the Army Corps 404 Permit and 401 WQC and their respective applications and correspondence for the approved BMPs)***	***BMP Requirements***
Concrete ****Applicable As Noted*** *or* ****Not Applicable*** *(If no indication, then all Site-Specific BMPs are Applicable)*	• *Clear Water Diversion and Isolation Techniques* • *Stream Diversion Techniques*	
Hydrotesting Effluent ****Applicable As Noted*** *or* ****Not Applicable*** *(If no indication, then all Site-Specific BMPs are Applicable)*	• *If work includes removing, relocation or installing waterlines, and Contractor elects to flush waterline or discharge hydrotesting effluent into State waters or drainage systems, the Contractor shall prepare and obtain CCH acceptance of a NOI/NPDES Permit Form F application for CCH submittal to DOH CWB at least 30 calendar days prior to the start of Hydrotesting Activities if necessary. Site specific BMPs will be included in the NOI/NPDES Permit Form F submittal.*	*Site specific BMPs will be included in the NOI/NPDES Permit Form F submittal.*

Pollutant Source	***Appropriate Site-Specific BMP to be Implemented (**Refer to the Army Corps 404 Permit and 401 WQC and their respective applications and correspondence for the approved BMPs)***	***BMP Requirements***
Dewatering Effluent ****Applicable As Noted*** *or* ****Not Applicable*** *(If no indication, then all Site-Specific BMPs are Applicable)*	• *If excavation or backfilling operations require dewatering, and Contractor elects to discharge dewatering effluent into State waters or existing drainage systems, Contractor shall prepare and obtain CCH acceptance of a NOI/NPDES Permit Form G application for CCH submittal to DOH CWB at least 30 calendar days prior to the start of Dewatering Activities if necessary. See Site Planning and General Practices, Dewatering Operations Section SM-17 for additional requirements.*	*See Dewatering Operations NS-2. Site specific BMPs will be included in the NOI/NPDES Permit Form G submittal.*
Other Pollutants (Including Chemicals and Pesticides) ****Applicable As Noted*** *or* ****Not Applicable*** *(If no indication, then all Site-Specific BMPs are Applicable)*	• *If the Contractor elects to apply pesticides directly over water, Contractor shall prepare and obtain CCH acceptance of a NOI/NPDES Permit Form M application for CCH submittal to DOH CWB at least 30 days prior to the start of pesticide application activities.*	*Site specific BMPs will be included in the NOI/NPDES Permit Form M submittal.*

7.2.10.2 – Stabilization Practices

(Note: See Army Corps 2017 Nationwide Permit Honolulu District, Regional Condition 8, Section 3a. Post-Construction BMPs regarding use of native plants appropriate for current site conditions to be used for re-vegetation for the purposes of restoring.)

Describe the specific vegetative and/or non-vegetative practices that will be used.

The term "immediately" is used to define the deadline for initiating stabilization measures. In the context of this SWPPP section, "immediately" means as soon as practicable, but no later than the end of the next work day, following the day when the earth-disturbing activities have temporarily or permanently ceased.

For the purposes of this SWPPP section, any of the following types of activities constitutes initiation of stabilization:

a) *Prepping the soil for vegetative or non-vegetative stabilization;*
b) *Applying mulch or other non-vegetative product to the exposed area;*
c) *Seeding or planting the exposed area;*
d) *Starting any of the activities in a) – c) on a portion of the area to be stabilized, but not on the entire area; and*
e) *Finalizing arrangements to have stabilization product fully installed in compliance with the applicable deadline for completing initial stabilization activities.*

For the purposes of this SWPPP section, any of the following types of activities constitutes completion of initial stabilization activities:

a) *For vegetative stabilization, all activities necessary to initially seed or plant the area to be stabilized; and/or*
b) *For non-vegetative stabilization, the installation or application of all such non-vegetative measures.*

If the Contractor is unable to meet the deadlines above due to circumstances beyond the Contractor's control, and the Contractor is using vegetative cover for temporary or permanent stabilization, the Contractor may comply with the following stabilization deadlines instead as agreed to by the Officer-in-Charge:

5.2.1.3.1.1.

Immediately initiate, and complete within the timeframe shown below, the installation of temporary non-vegetative stabilization measures to prevent erosion;

5.2.1.3.1.2.
Complete all soil conditioning, seeding, watering or irrigation installation, mulching, and other required activities related to the planting and initial establishment of vegetation as soon as conditions or circumstances allow it on the site; and

5.2.1.3.1.3.
The Contractor shall notify and provide documentation to the Officer-in-Charge the schedule the Contractor will follow for initiating and completing initial stabilization and as agreed to by the Officer-in-Charge. Include this information in this SWPPP.

The Contractor shall follow the applicable requirements of the Contract Documents.

Final Stabilization
To be considered adequately stabilized, the criteria below shall be met depending on the type of cover being used, either vegetative or non-vegetative.

5.2.2.1. Vegetative stabilization.

5.2.2.1.1.1.
If the permittee is vegetatively stabilizing any exposed portion of the site through the use of seed or planted vegetation, the permittee shall provide established uniform vegetation (e.g., evenly distributed without large bare areas), which provides 70 percent or more of the density of coverage that was provided by vegetation prior to commencing earth-disturbing activities. The permittee should avoid the use of invasive species; The Designer needs to meet the 70% requirement above when designing plantings and ground cover which do not involve hydromulch. If the Designer uses a soil test to determine amounts, rates, and type of fertilizer, and the amount and rate is not consistent with manufacturer's specifications, the Designer should document this in this SWPPP in Attachment J.

5.2.2.1.1.2.
For final stabilization, vegetative cover must be perennial; and

5.2.2.1.1.3.
Immediately after seeding or planting the area to be vegetatively stabilized, to the extent necessary to prevent erosion on the seeded or planted area, the Contractor shall install non-

vegetative erosion controls that provide cover (e.g., mulch, rolled erosion control products) to the area while vegetation is becoming established.

5.2.2.2. Non-Vegetative Stabilization.
If the Contractor is using non-vegetative controls to stabilize exposed portions of the site, or if the Contractor is using such controls to temporarily protect areas that are being vegetatively stabilized, the Contractor shall provide effective non-vegetative cover.

The stabilization schedule for this project is:

Immediately initiate and complete stabilization within 7 calendar days on areas of the site in which earth-disturbing activities have temporarily or permanently ceased.

7.2.10.3 – Post Construction Measures

Descriptions of measures that will minimize the discharge of pollutants via storm water discharges after construction operations have been finished. Examples include: open, vegetated swales and natural depressions; structures for storm water retention, detention, or recycle; velocity dissipation devices to be placed at the outfalls of detention structures or along with the length of outfall channels; and other appropriate measures. All projects require post construction BMPs to minimize the discharge of pollutants via storm water discharges after construction operations have been finished. Examples include: open, vegetated swales and natural depressions; structures for storm water retention, detention, or recycle; velocity dissipation devices to be placed at the outfalls of detention structures or along with the length of outfall channels; and other appropriate measures. All projects require post-construction BMPs to minimize the discharges of pollutants via storm water discharges after construction operations have finished.

7.2.11.1 – Spill Prevention and Response Procedures

The In-Water SWPPP must describe procedures that the Contractor will follow to prevent and respond to spills and leaks, including:

a. Procedures for expeditiously stopping, containing, and cleaning up spills, leaks, and other releases. Identify the name or position of the employee(s) responsible for detection and response of spills or leaks; and

b. Procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies where a leak, spill, or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity. and established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302, occurs during a 24-hour period. The Contractor shall post contact information in locations that are readily accessible and available.

Where a leak, spill, or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302 occurs during a 24-hour period, the Contractor shall notify the National Response Center (NRC) at (800) 424-8802, the Clean Water Branch during regular business hours at 586-4309, and the Hawaii State Hospital Operator at 247-2191, the Clean Water Branch (DOH-CWB) via email at cleanwaterbranch@doh.hawaii.gov during non-business hours immediately, and the Officer-in-Charge. The Contractor shall also provide to the Officer-in-Charge, within 7 calendar days of knowledge of the release, a description of the release, the circumstances leading to the release, and the date of the release. The Officer-in-Charge will provide this information to the DOH-CWB. The Officer-in-Charge will provide information to the NRC if requested. State and local requirements may necessitate additional reporting of spills or discharges to local emergency response, public health, or drinking water supply agencies (HAR Chapter 11-55 5.3.4). The Contractor shall submit to the Officer-in-Charge information necessary to complete the reporting requirements.

☒ The Spill Prevention and Response Procedures are included in In-Water SWPPP Attachment F.

The Contractor shall update the Spill Prevention and Response Procedures in the In-Water SWPPP once the project is awarded for the Officer-in-Charge's review and acceptance.

7.2.11.2 – Waste Management Procedures

The In-Water SWPPP must describe procedures for how the Contractor will handle and dispose of all wastes generated at the site, including, but not limited to, clearing and demolition debris, sediment removed from the site, construction and domestic waste, hazardous or toxic waste, and sanitary waste.

☒ The Waste Management Procedures are included in In-Water SWPPP Attachment G.
The Contractor shall update the Waste Management Procedures in the In-Water SWPPP once the project is awarded for the Officer-in-Charge's review and acceptance.

7.2.12 – Procedures for Inspection, Maintenance, and Corrective Action for In-Water and Land-Based BMPs

The In-Water SWPPP must describe the procedures the Contractor will follow for maintaining the storm water control measures, conducting site inspections, and, where necessary, taking corrective actions. The following information must also be included in this In-Water SWPPP:

a. Personnel responsible for conducting inspections: **Construction Project Engineer and/or Inspector, AND Contractor Representatives.**

Qualifications: *CCH construction staff and CCH Contractors attend Stormwater BMP Classes annually. Contractor representatives selected for the inspection and maintenance responsibilities shall receive training from the Contractor. The Contractor's Representatives shall be trained in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls used onsite in good working order. The Contractor's Representative(s) inspecting the site shall be knowledgeable in the principles and practice of erosion and sediment controls and pollution prevention, who possesses the skills to assess conditions at the construction site that could impact storm water quality, and the skills to assess the effectiveness of any storm water controls selected and installed to meet the requirements of this permit.*

b. The inspection schedule the Contractor will be as follows: Provide the location of the rain gauge on the site or the address of the weather station the Contractor will be using to obtain rainfall data;

Describe the inspection schedules and procedures you have developed for the site. *Include the maintenance requirements for each BMP (e.g., level of sediment buildup allowed):*

1. Daily visual inspections of the in-water BMPs and land-based BMPs using the CCH Inspection Report in Attachment E1.

   If there is a suspension of in-water work, meaning there is no in-water work and no in-water BMPs, and there are only land-based BMPs, then inspections are required as follows using the CCH Inspection Report in Attachment E1: *All Construction BMPs shall be inspected weekly, and within 24 hours of any rainfall event of 0.25 inches or greater in a 24-hour period. The Contractor shall submit a copy of the CCH Inspection Report to the Officer-in-Charge within 24 hours of the inspection.*

In-Water:

Procedures for Action When a Plume is Observed

1) If a plume is observed outside the confined work area, the Contractor shall stop work immediately and investigate the cause of the problem.

2) If possible, isolate and contain the area where the plume is emanating from.

3) If the discharge poses an immediate threat to the public or environment call 911 immediately and follow the procedures in the project's Emergency Spill Response Plan.

4) CCH will notify DOH CWB within 24 hours on the e-permitting Portal any instance of non-compliance.

5) The Contractor shall initiate work to fix the problem immediately after discovering the problem, and complete such work by the close of the next work day, if the problem does not require significant repair or replacement, or if the problem can be corrected through routine maintenance. In this section, immediately means the Contractor shall take all reasonable measures to minimize or prevent discharge of pollutants until a permanent solution is installed and made operational. If a problem is identified at a time in the day in which it is too late to initiate repair, initiation of repair shall begin on the following work day. When installation of a new pollution prevention control or a significant repair is needed, the Contractor shall install the new or modified control and make it operational, or complete the repair, by no later than 7

calendar days from the time of discovery. If it is infeasible to complete the installation or repair within 7-calendar days, the Contractor shall provide notice to the Officer-in-Charge and document why it is infeasible to complete the installation or repair within the 7-calendar day timeframe and document the schedule for installing the storm water control(s) and making it operational as soon as practicable after the 7-calendar day timeframe and as agreed to by the Officer-in-Charge. Where these actions result in changes to any of the pollution prevention controls or procedures documented in the In-Water SWPPP, modify the In-Water SWPPP accordingly. In-Water work shall not resume until repairs are completed. The Contractor will attach product specific maintenance practices in the In-Water SWPPP once the project is awarded.

Note: A plume is defined as an event in which a project discharge violates the State Water Quality Standards.

Procedures for Action When a Storm Water Control or BMP is damaged or needs maintenance

1) If a discharge is occurring, follow the course of action above for when a plume is observed.

2) If no discharge is occurring, the Contractor shall initiate work to fix the problem immediately after discovering the problem, and complete such work by the close of the next work day, if the problem does not require significant repair or replacement, or if the problem can be corrected through routine maintenance. In this section, immediately means the Contractor shall take all reasonable measures to minimize or prevent discharge of pollutants until a permanent solution is installed and made operational. If a problem is identified at a time in the day in which it is too late to initiate repair, initiation of repair shall begin on the following work day. When installation of a new pollution prevention control or a significant repair is needed, the Contractor shall install the new or modified control and make it operational, or complete the repair, by no later than 7-calendar days from the time of discovery. If it is infeasible to complete the installation or repair within 7-calendar days, the Contractor shall provide notice to the Officer-in-Charge and document why it is infeasible to complete the installation or repair within the 7-calendar day timeframe and document the schedule for installing the storm water control(s) and making it operational as soon as practicable after the 7-calendar day timeframe and as agreed to by the Officer-in-Charge. Where these actions result in changes to any of the pollution prevention controls or procedures documented in the In-Water SWPPP, modify the In-

Water SWPPP accordingly. The Contractor shall attach product specific maintenance practices in the In-Water SWPPP once the project is awarded.

For Land-Based:

Maintenance requirements for specific BMPs are included in the CCH Construction BMP Field Manual. The Contractor shall initiate work to fix the problem immediately after discovering the problem, and complete such work by the close of the next work day, if the problem does not require significant repair or replacement, or if the problem can be corrected through routine maintenance. In this section, "immediately" means the Contractor shall take all reasonable measures to minimize or prevent discharge of pollutants until a permanent solution is installed and made operational. If a problem is identified at a time in the day in which it is too late to initiate repair, initiation of repair shall begin on the following work day. When installation of a new pollution prevention control or a significant repair is needed, the Contractor shall install the new or modified control and make it operational, or complete the repair, by no later than 7 calendar days from the time of discovery. If it is infeasible to complete the installation or repair within 7-calendar days, the Contractor shall provide notice to the Officer-in-Charge and document why it is infeasible to complete the installation or repair within the 7-calendar day timeframe and document the schedule for installing the storm water control(s) and making it operational as soon as practicable after the 7-calendar day timeframe and as agreed to by the Officer-in-Charge. Where these actions result in changes to any of the pollution prevention controls or procedures documented in the SWPPP, modify the SWPPP accordingly. The Contractor will attach product specific maintenance practices in the In-Water SWPPP along with product installation instructions.

b. Use the CCH Inspection Form for any the following:
For In-Water Work:

For Land-Based Work:

- *A required storm water control was never installed, was installed incorrectly, or not in accordance with the requirements.*

- *The Contractor/Officer-in-Charge becomes aware that the storm water controls installed and being maintained are not effective enough for the discharge to meet applicable water quality standards or applicable requirements.*
- *One of the prohibited discharges below is occurring or has occurred:*
  - *Wastewater from washout of concrete*
  - *Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials*
  - *Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance*
  - *Soaps, solvents, or detergents used in vehicle and equipment washing*
  - *Toxic or hazardous substances from a spill or other release*
- *Corrective actions required by the Department of Health or Environmental Protection Agency (EPA)*

Note: Corrective actions shall be included with the monthly compliance report in Attachment E1 and shall be submitted in the e-Permitting Portal.

d. Any inspection or maintenance checklists or other forms that will be used.

☒ The CCH Inspection Report Form provided in In-Water SWPPP Attachment E1 will be used to document BMP deficiencies. The Corrective Actions taken to correct those deficiencies will be documented by photos.

7.2.13 – Staff Training

The In-Water SWPPP must include documentation that the required personnel were trained in accordance with the following:

Prior to the commencement of earth-disturbing activities or pollutant-generating activities, whichever occurs first, the Contractor shall ensure that the following personnel understand the requirements and their specific responsibilities with respect to those requirements:

a. Personnel who are responsible for the design, installation, maintenance, and/or repair of storm water controls (including pollution prevention measures);

b. Personnel who are responsible for the application and storage of chemicals (if applicable);

c. Personnel who are responsible for conducting inspections as required in Part 4.1.1; and

d. Personnel who are responsible for taking corrective actions as required in Part 5.

The Contractor is responsible for ensuring that all activities on the site comply with the requirements of this permit. The Contractor is not required to provide or document formal training for subcontractors or other outside service providers, but must ensure that such personnel understand any requirements of the permit that may be affected by the work they are subcontracted to perform.

At a minimum, personnel must be trained to understand the following if related to the scope of their job duties (e.g., only personnel responsible for conducting inspections need to understand how to conduct inspections):
a. The location of all storm water controls on the site required by this permit, and how they are to be maintained;
b. The proper procedures to follow with respect to the permit's pollution prevention requirements; and
c. When and how to conduct inspections, record applicable findings, and take corrective actions.

The Officer-in-Charge will discuss the roles and responsibilities of CCH and the Contractor in the In-Water SWPPP during the Water Pollution, Dust, and Erosion Control Meeting.

☒ The Contractor Certification is included in Attachment B.

7.2.14 – Documentation of Compliance with Safe Drinking Water Act Underground Injection Control (UIC) Requirements for Certain Subsurface Storm Water Controls

Document any contact with the DOH Safe Drinking Water Branch if any of the following storm water controls are used at the site: **N/A**

❑ *Infiltration trenches (if storm water is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system);*

❑ *Commercially manufactured precast or pre-built proprietary subsurface detention vaults, chambers, or other devices designed to capture and infiltrate storm water flow;*

❑ *Drywells, seepage pits, or improved sinkholes (if storm water is directed to any*

bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system).

If any of the boxes above are checked, attach documentation in In-Water SWPPP Attachment J.

These devices are not part of the design plans. If the Contractor elects to install any of these devices for erosion control purposes, the Contractor shall attach the necessary documentation once the project is awarded.

7.2.15 –Other State, Federal, or County Permits

Include in In-Water SWPPP Attachment J1A and Attachment J1B any of the following permits or approvals:

❑ Attach the Drainage System Owner(s) Approval to Discharge, in Attachment J. **N/A.**

❑ Check this box if the Certifying Person is responsible for the overall operation and maintenance of the Separate Drainage System and approves of the storm water discharge into their drainage system. **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 b below and skip Section c.
   ❑ No. Please complete Section c below and skip Section 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 A-4 (Approval by DPP Site Development Branch One Time Review (OTR)
   ☐ 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 N/A for the County written determination.
   - √ Provide the County contact person information (Name, Department, Phone Number, and Date Contacted): Steven Young DPP Civil Engineering Branch, 808) 768-8108
   - ❑ Other (specify): Attachment A-4 (Approval by DPP Site Development Branch One Time Review (OTR)

☑ Department of the Army Permit (Section 404) and Section 401 Water Quality Certification:

If the 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.
A PCN (ATTACHMENT J1-A and NWPV including BWQC (ATTACHMENT J1-B) have been issued for each separate set of constructions in the attachments identified above.

❑ NPDES Permit or NGPC for Hydrotesting Activities (Form F)

❑ NPDES Permit or NGPC for Dewatering Activities (Form G)

❑ List other permits below (**N/A** Include in Attachment J)
- ☐ Stream Channel Alteration Permit
- ❑ Conservation District Use Permit (CDUP)
- ❑ Other Permit(s) **(N/A)**

7.2.16 –Other Information As Requested by the Director

☐ *Does DOH require any additional information? If so, attach in Attachment J*1-B (BWQC) *following Attachment A*

7.2.17 Certification of the CWB SWPPP

The certifying person and duly authorized representative shall meet the requirements of the contract requirements.

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:* _____

Person Name: **Timothy K. Trang**

Person Position Title: **Civil Division Chief**

Person Company or Agency: **City and County of Honolulu**

Department: **Design and Construction (DDC)**

Division: **Civil Division**

Phone Number: **808-768-8836** *Fax No.:* **808-768-4287**

Person Email: **ttrang@honolulu.gov**

7.2.18 Post-Authorization Additions to the SWPPP

Include the following documents as part of the In-Water SWPPP in Attachment K:

a. *A copy of the 401 WQC submitted to the Department of Health Clean Water Branch (DOH) along with any correspondence exchanged between CCH and DOH related to coverage under this certification;*

b. *A copy of the 401 WQC and all attachments included with the 401 WQC (an electronic copy easily available to the storm water team is acceptable)*

c. *A copy of the PCN submitted to the Army Corps along with any correspondence exchanged between CCH and the Army Corps related to the coverage under this permit;*

d. *A copy of the issued Army Corps. PCN and* ***NWPV are contained in Attachment J1-A following Attachment A.***

7.4 Required In-Water SWPPP Modifications

Modify the In-Water SWPPP, including the site map(s), in response to any of the following conditions:

7.4.1.1.
Whenever new contractors become active in construction activities on the site, or changes are made to the construction plans, storm water control measures, pollution prevention measures, or other activities at the site that are no longer accurately reflected in the In-Water SWPPP.

7.4.1.2.
To reflect areas on the site map where operational control has been transferred (and the date of transfer) since the project has begun;

7.4.1.3.
If inspections or investigations by site staff, or by local, state, or federal officials determine that SWPPP modifications are necessary;

7.4.1.4.
Where DOH determines it is necessary to impose additional requirements on the discharge, the following must be included in the In-Water SWPPP:

a. A copy of any correspondence describing such requirements; and
b. A description of the storm water control measures that will be used to meet such requirements.

7.4.1.5.
To reflect any revisions to applicable federal, state, and local requirements that affect the storm water control measures implemented at the site; and

7.4.2. Deadlines for In-Water SWPPP modifications.
The Contractor shall complete required revisions to the In-Water SWPPP within 7 calendar days following the occurrence of any of the conditions listed in Section 7.4.1.

7.4.3. In-Water SWPPP modification records.
The Contractor shall maintain records showing the dates of all In-Water SWPPP modifications. The records must include a signature of the person authorizing each change (see Section 7.2.17), date, and a brief summary of all changes. Log all changes and include relevant attachments in Attachment I.

7.4.4. Certification requirements.
All modifications made to the In-Water SWPPP consistent with Section 7.4. must be certified, signed, and dated by the Certifying Person that meets the requirements of the contract documents.

7.4.5. Required notice to other contractors.
Upon determining that a modification to the In-Water SWPPP is required, if there are multiple contractors covered under this permit, the Contractor shall immediately notify any contractors who may be impacted by the change to the In-Water SWPPP.

13.0 Monthly Compliance Report Submittal Requirements

Submit to the Officer-in-Charge a monthly compliance report, which shall include, but is not limited to, any incidences of non-compliance and corrective actions. Submit this information within 2 working days of the end of the month. The monthly compliance report shall be kept on-site and available by the end of the next business day when requested by DOH. Upon DOH receiving EPA's Cross-Media Electronic Reporting Regulation (CROMERR), the monthly compliance reports shall be submitted through the e-Permitting Portal. Any comments provided by DOH shall be answered in the time specified and to the satisfaction of DOH. If the activity is

in compliance and none of the information on file with DOH requires updating, or there were no incidences of non-compliance, preparation of the monthly compliance information is still required which states that there were "no changes, updates, or any incidences of non-compliance to report.

Note: EPA's Cross-Media Electronic Reporting Regulation (CROMERR) sets performance-based, technology-neutral standards for systems that states, tribes, and local governments use to receive electronic reports from facilities they regulate under EPA-authorized programs and requires program modifications or revisions to incorporate electronic reporting. CROMERR also addresses electronic reporting directly to EPA.

☒ **CCH's form in Attachment E4 will be used.**

In-Water SWPPP Attachments (See Attachment A at end of SWPPP)

Attachment A – Contractor/Sub-Contractor Control Maps, Property Boundary Maps, State Waters and BMP Maps, and BMP Details (In-Water SWPPP Sections 7.2.4, 7.2.6.1,7.2.6.2 to 7.2.6.8 & 7.2.10)

MAPS SHOWING LOCATIONS OF CONTRACTOR/SUB-CONTRACTOR CONTROL, PROJECT SITE MAPS, CONSTRUCTION PLANS/DRAWINGS, BMP LOCATION MAPS, AND BMP DETAILS

Location and Vicinity Map –A-1

Property Tax Map Key –A-2

Topographic Map –A-3

Site Plan –A-3

Erosion Control Plan –A-4

Contractor/Sub-Contractor Control Map – A-4A

List of Equipment – A-5

List of Materials – A-6

Site-Specific Best Management Plan and Phasing Plans – A-7

Staging Areas Plans – A-8

Catalog Pages and Information on Storm Water Control Materials – A-9

Attachment B – CCH In-Water SWPPP Training Log (In-Water SWPPP Section 7.2.13)

Instructions

Check Appropriate Box and Include Additional Sheet for Each of the Training Classes Listed Below on the Training Log Form:

A) Attendance at Department of Transportation, Highways Division or Other Division, Annual Construction Site Runoff Control, Pollution Prevention, and Good Housekeeping Training for Contractors.

B) Attendance at Non-CCH or Non-HDOT sponsored Stormwater BMP Training Courses.

C) Participation in viewing Annual HDOT Construction Site Runoff Control, Pollution Prevention, and Good Housekeeping Training for Contractors on stormwaterhawaii.com Website.

TRAINING LOG

❑ Department of Transportation, Highways Division or Other Division, Annual Construction Site Runoff Control, Pollution Prevention, and Good Housekeeping Training for Contractors

❑ Non-CCH or Non-HDOT Sponsored Stormwater BMP Training Courses

Name of Course/Sponsor_____

❑ Annual HDOT Construction Site Runoff Control, Pollution Prevention, and Good Housekeeping Training for Contractors on stormwaterhawaii.com Website

Project Name:
Project Location:
Instructor's Name(s):
Instructor's Title(s):

Course Location: _____ *Date:* _____

Course Length (hours): _____

*Stormwater Training Topic: (*check as appropriate)

❑ Erosion Control BMPs
❑ Sediment Control BMPs
❑ Non-Stormwater BMPs
❑ Emergency Procedures
❑ Good Housekeeping BMPs

*Specific Training Objective:*_____

_____

Attendee Roster:

No.	***Name of Attendee***	***Company***
1		
2		
3		
4		
5		
6		
7		
8		
9		

RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS

Work Area 1 (Kouhou Street) and Work Area 2 (1325 N King Street)

12/28/25

No.	***Name of Attendee***	***Company***
10		

Add rows as needed

Attachment C - Construction Schedule (In-Water SWPPP Section 7.2.5) for Land-Based Construction Activities and In-Water Construction Activities

CONSTRUCTION SCHEDULE

[Include CPM]

Schedule for Land-Based Construction Activities

Date when the In-Water SWPPP, including erosion control measures will be implemented:	**Month Day, 2XXX**

All Perimeter Sediment Control and Inlet Protection BMPs will be installed prior to construction. The inlets are protected and the perimeter control BMPs are downstream of the land-based work. The perimeter sediment controls will be installed on **Month Day, 2XXX** *as work will commence. These BMPs will be installed per the manufacturer's recommendations.*

Date when the general contractor will begin the earth-disturbing activities:	**Month Day, 2XXX**
Cessation, temporarily or permanently, of construction activities on the site:	**Month Day, 2XXX**
Final or temporary stabilization of areas of exposed soil	**Month Day, 2XXX**
Date when the general contractor will end site disturbance:	**Month Day, 2XXX**
Date when erosion control measures will be removed:	**Month Day, 2XXX**
Date when the Notice of Cessation form will be submitted	**Month Day, 2XXX**

Schedule for In-Water Construction Activities

Date when BMP measures to isolate and contain the work areas will be implemented	**Month Day, 2XXX**

The date when the general contractor will begin in-water construction activities	**Month Day, 2XXX**
Cessation, temporarily or permanently, of construction activities on the site:	**Month Day, 2XXX**
Date when the general contractor will end site disturbance:	**Month Day, 2XXX**
Removal of temporary storm water conveyances/channels and other storm water control measures, removal of construction equipment and vehicles, and cessation of any pollutant-generating activities	**Month Day, 2XXX**
Date when the Notice of Cessation form will be submitted	**Month Day, 2XXX**

For updated construction scheduled dates, including installation and removal of erosion control measures, cessation, temporarily or permanently of construction activities, final or temporary stabilization of areas of exposed soil, dates when site disturbance will end, date when erosion control measures will be removed, and the date when the Notice of Cessation form will be submitted, see the latest updated construction schedule on file at the CCH offices, General Contractor office, or field offices.

Attachment D – Subcontractor Certifications/Agreements (In-Water SWPPP Section 7.2.4)

SUBCONTRACTOR CERTIFICATION

Project Title: ***Restoration of of Kapalama Stream Channel Walls***

Work Area 1 – Kohou Street

Honolulu, Hawaii

and

Work Area 2 – 1325 N King Street

Honolulu, Hawaii

Operator(s): _____

As a subcontractor, you are required to comply with the In-Water Storm Water Pollution Prevention Plan (In-Water SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the In-Water SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the In-Water SWPPP. A copy of the In-Water SWPPP is available for your review at the office trailer.

Each subcontractor engaged in activities at the construction site that could impact storm water must be identified and sign the following certification statement:

I certify under the penalty of law that I have read and understand the terms and conditions of the In-Water SWPPP for the above designated project and agree to follow the BMPs and practices described in the In-Water SWPPP.

This certification is hereby signed in reference to the above-named project:

Company: _____

RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS

Work Area 1 (Kouhou Street) and Work Area 2 (1325 N King Street)

12/28/25

Address: _____

Telephone Number: _____

Type of construction service to be provided: _____

_____

Signature: _____

Title: _____

Date: _____

Attach copies, retain originals on-site.

Attachment E1 – CCH Inspection Report Form (In-Water SWPPP Section 7.2.12) Rev.

(See Next Page)

RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS

Work Area 1 (Kouhou Street) and Work Area 2 (1325 N King Street)

12/28/25

SITE-SPECIFIC BEST MANAGEMENT PRACTICE/STORM WATER POLLUTION PREVENTION INSPECTION AND MAINTENANCE REPORT

DATE: _____ PERMIT NO. _____ ☐ INDIVIDUAL NPDES PERMIT PROJECT (RECEIVING STATE WATERS INSPECTIONS REQUIRED)

PROJECT NO.: _____ PROJECT: _____

☐ PRE-CONSTRUCTION VERIFICATION INSPECTION REPORT PHASE: _____ ☐ INDEPENDENT (THIRD-PARTY) INSPECTION

☐ WEEKLY REPORT ☐ EVENT REPORT _____ INCHES OF RAIN FOR THE PAST 24 HOURS (if rain event) ☐ OTHER _____

BMP Measures and Devices Currently Installed on the Project:

LOCATION	ACTIVITY AND TYPE OF BMP MEASURE/DEVICE	ACTION REQUIRED?		NOTES/COMMENTS
		Y	N	

BMP Deficiencies Found and Corrective Actions Taken:

DATE FOUND	LOCATION	ACTIVITY AND TYPE OF BMP MEASURE/DEVICE	DATE CONTRACTOR NOTIFIED	NOTES/COMMENTS	AMENDMENT REQUIRED? (Y/N)	DATE CORRECTED	ACTION TAKEN - NOTES/COMMENTS

RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS

Work Area 1 (Kouhou Street) and Work Area 2 (1325 N King Street)

12/28/25

CHECK ALL THAT ARE APPLICABLE:

☐ **There is evidence of a discharge.**

☐ **There is evidence that a polluted discharge is leaving or has left the project site.**

☐ **The polluted discharge was contained prior to reaching the storm drain system/receiving waters.**

NOTE: If any of the boxes above were checked, fill out Construction Discharge Report.

Included Attachments: ☐ **A. Photographs (Required for BMP Deficiencies)** ☐ **B. Other attachments**

Describe: _____

Comments/Remarks: _____

I certify that I am the person who performed the inspection documented above and that all information recorded on this form is a true and accurate representation of what was observed at the construction site recorded above.

Inspector Name and Title	**Signature**	**Date**

RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS

Work Area 1 (Kouhou Street) and Work Area 2 (1325 N King Street)

12/28/25

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 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.

Authorized Person's Signature **Date**

Duly Authorized Person's Name:

Duly Authorized Person's Position Title:

Duly Authorized Person's Company or Agency Information:

Company or Agency:

Address:

Phone:

Fax:

Email:

Attachment E2 – Corrective Action Reports (SWPPP Section 7.2.12) Rev. 02/25/14

City and County of Honolulu Corrective Action Report

Section 10.1 "Corrective Actions" Defined

Corrective actions are actions taken in compliance with this section to:

a. Repair, modify, or replace any storm water control used at the site
b. Clean up and properly dispose of spills, releases, or other deposits
c. Remedy a permit violation

Section 10.2.1. Triggering Events

The following are triggers that require corrective action be taken (this triggering condition is to be documented within 24 hours of discovering the occurrence):

- ❑ *A required storm water control was never installed, was installed incorrectly, or not in accordance with the requirements in HAR Chapter 11-55, Sections 5 and/or 6.*
- ❑ *The Contractor/Officer-in-Charge becomes aware that the storm water controls installed and being maintained are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in HAR Chapter 11-55, Section 6.1. The Contractor shall notify the Officer-in-Charge immediately. The Officer-in-Charge will notify the Department of Health by the end of the next work day.*

  *Date/time Officer-in-Charge notified by Contractor*_____

  *Date/time DOH notified by Officer-in-Charge*_____

- ❑ *One of the prohibited discharges below is occurring or has occurred:*
  - ❒ *Wastewater from washout of concrete*
  - ❒ *Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials*
  - ❒ *Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance*
  - ❒ *Soaps, solvents, or detergents used in vehicle and equipment washing*
  - ❒ *Toxic or hazardous substances from a spill or other release*

Section 10.2. Requirements for Taking Corrective Actions

The Contractor shall complete corrective actions in accordance with the deadlines specified below. In all circumstances, the Contractor shall immediately take all reasonable steps to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational, including cleaning up any contaminated surfaces so that the material will not

discharge in subsequent storm events. Immediately means the same day the condition is discovered, unless it is too late in the day, in which initiation of corrective action must begin on the following work day.
Following any of the above triggering events, the Contractor shall install a new or modified control and make it operational, or complete the repair, by no later than 7 calendar days from the time of discovery. If it is infeasible to complete the installation or repair within 7 calendar days, the Contractor shall document and submit to the Officer-in-Charge, for his agreement, why it is infeasible to complete the installation or repair within the 7 calendar day timeframe and document a schedule for installing the storm water control(s) and making it operational as soon as practicable after the 7-day timeframe.

*Date installation/repair completed or date/time prohibited discharge ceased*_____

Reason it is infeasible to complete installation or repair within 7 calendar days and proposed schedule (if applicable) _____

10.4.1. Initial Report (24 Hours)
Within 24 hours of discovering the occurrence of one of the triggering conditions in HAR Chapter 11-55, Section 10.2.1. at the site, the Contractor must complete the following:

- *The nature of the condition identified*
- *The date and time of the condition identified and how it was identified*

10.4.2. Final Report (7 Days)
Within 7 calendar days of discovering the occurrence of one of the triggering conditions in HAR Chapter 11-55, Section 10.2.1. at the site, the Contractor must complete a report of the following:

- *Any follow-up actions taken to review the design, installation, and maintenance of storm water controls, including the dates such actions occurred*
- *A summary of storm water control modifications taken or to be taken, including a schedule of activities necessary to implement changes, and the date the modifications are completed or expected to be completed*
- *Notice of whether SWPPP modifications are required as a result of the condition identified or corrective action*

Section 10.2.2. SWPPP Modification Due to Corrective Actions
Where corrective actions result in changes to any of the storm water controls or procedures documented in the SWPPP, modify the SWPPP accordingly within 7 calendar days of completing corrective action work.

❑ *Date SWPPP modified should be indicated in the Amendment Log*

Section 10.3 Corrective Actions Required by the Department of Health (DOH)
The Contractor shall comply with any corrective actions required by the department as a result of permit violations found during an inspection by DOH or EPA.

Was the Corrective Action triggered by a DOH/EPA inspection?
❑ *Yes* ❑ *No*
❑ *Date of DOH/EPA Inspection*_____

Section 10.4.3. Certification
The certifying person and duly authorized representative shall meet the requirements of Hawaii Administrative Rules 11-55, Appendix A, Section 15.

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.

Section 10.4.4. Corrective Action Report

NOTE: Corrective Actions shall be documented in the Site-Specific Best Management Practice/Storm Water Pollution Prevention Inspection and Maintenance Report, See Attachment E1.

Attachment E2 – Corrective Action Reports (SWPPP Section 7.2.12) Rev. 02/25/14

City and County of Honolulu Corrective Action Report

Section 10.1 "Corrective Actions" Defined

Corrective actions are actions taken in compliance with this section to:

a. Repair, modify, or replace any storm water control used at the site
b. Clean up and properly dispose of spills, releases, or other deposits
c. Remedy a permit violation

Section 10.2.1. Triggering Events

The following are triggers that require corrective action be taken (this triggering condition is to be documented within 24 hours of discovering the occurrence):

- ❑ *A required storm water control was never installed, was installed incorrectly, or not in accordance with the requirements in HAR Chapter 11-55, Sections 5 and/or 6.*
- ❑ *The Contractor/Officer-in-Charge becomes aware that the storm water controls installed and being maintained are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in HAR Chapter 11-55, Section 6.1. The Contractor shall notify the Officer-in-Charge immediately. The Officer-in-Charge will notify the Department of Health by the end of the next work day.*

  *Date/time Officer-in-Charge notified by Contractor*_____

  *Date/time DOH notified by Officer-in-Charge*_____

- ❑ *One of the prohibited discharges below is occurring or has occurred:*
  - ❒ *Wastewater from washout of concrete*
  - ❒ *Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials*
  - ❒ *Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance*
  - ❒ *Soaps, solvents, or detergents used in vehicle and equipment washing*
  - ❒ *Toxic or hazardous substances from a spill or other release*

Section 10.2. Requirements for Taking Corrective Actions

The Contractor shall complete corrective actions in accordance with the deadlines specified below. In all circumstances, the Contractor shall immediately take all reasonable steps to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational, including cleaning up any contaminated surfaces so that the material will not discharge in subsequent storm events. Immediately means the same day the condition is

discovered, unless it is too late in the day, in which initiation of corrective action must begin on the following work day.
Following any of the above triggering events, the Contractor shall install a new or modified control and make it operational, or complete the repair, by no later than 7 calendar days from the time of discovery. If it is infeasible to complete the installation or repair within 7 calendar days, the Contractor shall document and submit to the Officer-in-Charge, for his agreement, why it is infeasible to complete the installation or repair within the 7 calendar day timeframe and document a schedule for installing the storm water control(s) and making it operational as soon as practicable after the 7-day timeframe.

*Date installation/repair completed or date/time prohibited discharge ceased*_____

Reason it is infeasible to complete installation or repair within 7 calendar days and proposed schedule (if applicable) _____

10.4.1. Initial Report (24 Hours)
Within 24 hours of discovering the occurrence of one of the triggering conditions in HAR Chapter 11-55, Section 10.2.1. at the site, the Contractor must complete the following:

- *The nature of the condition identified*
- *The date and time of the condition identified and how it was identified*

10.4.2. Final Report (7 Days)
Within 7 calendar days of discovering the occurrence of one of the triggering conditions in HAR Chapter 11-55, Section 10.2.1. at the site, the Contractor must complete a report of the following:

- *Any follow-up actions taken to review the design, installation, and maintenance of storm water controls, including the dates such actions occurred*
- *A summary of storm water control modifications taken or to be taken, including a schedule of activities necessary to implement changes, and the date the modifications are completed or expected to be completed*
- *Notice of whether SWPPP modifications are required as a result of the condition identified or corrective action*

Section 10.2.2. SWPPP Modification Due to Corrective Actions
Where corrective actions result in changes to any of the storm water controls or procedures documented in the SWPPP, modify the SWPPP accordingly within 7 calendar days of completing corrective action work.

❑ *Date SWPPP modified should be indicated in the Amendment Log*

Section 10.3 Corrective Actions Required by the Department of Health (DOH)
The Contractor shall comply with any corrective actions required by the department as a result of permit violations found during an inspection by DOH or EPA.

Was the Corrective Action triggered by a DOH/EPA inspection?

❑ *Yes* ❑ *No*

❑ *Date of DOH/EPA Inspection*_____

Section 10.4.3. Certification
The certifying person and duly authorized representative shall meet the requirements of Hawaii Administrative Rules 11-55, Appendix A, Section 15.

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.

Section 10.4.4. Corrective Action Report

NOTE: Corrective Actions shall be documented in the Site-Specific Best Management Practice/Storm Water Pollution Prevention Inspection and Maintenance Report, See Attachment E1.

Attachment E3 – City and County of Honolulu Department of Design and Construction, Civil Division, Discharge Response Flow Chart, Rev. 12/30/2015; Construction Discharge Report Form (SWPPP Section 7.2.12) Rev. 1/28/15

(See Next Pages)

CONSTRUCTION DISCHARGE REPORT

☐ **CHECK IF DISCHARGE OBSERVED IS DURING AN INSPECTION**

DATE: _____ **INSPECTOR/ENGINEER:** _____
PROJECT NO.: _____ **DOH FILE NO.:** _____
PROJECT: _____
WEATHER CONDITIONS: _____ **INCHES OF RAIN IN THE PAST 24 HOURS:** _____

LOCATION OF WORK ACTIVITIES: _____
DESCRIPTION OF WORK ACTIVITIES: _____

This report is required when a non-stormwater or polluted stormwater discharge may have or may have potentially entered a storm drain or Receiving State Waters, if a discharge (e.g., spill) has occurred, if a polluted discharge is observed leaving the project limits, or if there is evidence of an unreported polluted discharge leaving project limits prior to inspection (such as: silty trail, eroded areas beyond site limits).

1) General Information

Date of Incident: _____
Incident Identified or reported by: _____
Time of Incident (note if time is approximate): _____
Duration of Incident (note if duration is approximate): _____
Source/Cause of Incident:

_____
Describe the Incident:

_____

Is the suspected reason for the discharge that a storm water control is clearly not operating as intended or is in need of maintenance?
☐ BMP needs maintenance ☐ BMP not operating as intended ☐ BMP is not a factor

2) Specific Discharge Information

A. Nature of the Discharge: a. ☐ Sediment – Amount: _____ b. ☐ Concrete – Amount: _____ c. ☐ Oil/Grease – Amount: _____ d. ☐ Hazardous Material (describe): _____ – Amount: _____ e. ☐ Other (describe): _____ – Amount: _____	B. Characteristic of Immediate Area Where Discharge Occurred: a. ☐ Receiving Water(s) – Name(s): _____ b. ☐ Storm Drain - MS4 Owner: _____ c. ☐ Soil - Type: _____ d. ☐ Asphalt/Concrete Surface e. ☐ Other - Describe: _____
C. Location Where Discharge Originated (include location map and photos on attached template): _____ ☐ Map or Photos attached	D. Description of Path of Discharge (include map and/or photos on attached template): _____ Where did the polluted discharge ultimately go? ☐ Entered a drainage system. ☐ Directly entered State waters (discharged directly to stream or other water body). ☐ Other (describe): _____ ☐ Map or Photos attached If the polluted discharge entered a drainage system or receiving water (e.g., stream, ocean), complete section 3.

3) Inlets, Outfalls, and Receiving Water Information

List all inlets and corresponding receiving water outfall locations from each drainage system. If discharge went directly to receiving waters, list the point where discharge entered receiving waters. At each point check the characteristics of the water upstream (if applicable), at discharge or outfall location, and downstream of discharge or outfall location (if applicable) and describe (turbidity, color, odor, floating, settled, or suspended solids, foam, oil sheen, and other obvious indicators of storm water pollutants).

If the discharge did not enter a drainage system or receiving water (e.g., stream, ocean), skip this section.

Inlet Location / Drainage System Owner (if applicable)	**Outfall / Discharge Location**	**Characteristics of water (turbidity, color, odor, floating, settled, or suspended solids, foam, oil sheen, and other obvious indicators of storm water pollutants)**		**Notes** (Include information about other inlets entering drainage system prior to outfall, etc.)
		Upstream of Location (if applicable)	**At Outfall/Discharge Location**	

4) Action Taken

a. Describe Immediate Measures Taken (include photos on attached template):

_____

☐ Photos attached

b. Describe Additional Follow-Up Measures Taken (include photos on attached template):

_____

☐ Photos attached

5) Other Notes/Comments

_____

I certify that I am the person who performed the inspection documented above and that all information recorded on this form is a true and accurate representation of what was observed at the construction site recorded above.

Inspector Name and Title	**Signature**	**Date**

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 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.

Authorized Person's Signature	**Date**

Duly Authorized Person's Name: _____

Duly Authorized Person's Position Title: _____

Duly Authorized Person's Company or Agency Information:

Company or Agency: _____ **Phone:** _____

Address: _____ **Fax:** _____

_____ **Email:** _____

RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS

Work Area 1 (Kouhou Street) and Work Area 2 (1325 N King Street)

12/28/25

LOCATION MAP

PROJECT NO.: _____ DOH FILE NO.: _____

PROJECT NAME: _____

PROJECT LOCATION: _____

DESCRIPTION: _____

PHOTOS

PHOTOS TAKEN BY: _____

PROJECT NO.: _____ DOH FILE NO.: _____

PROJECT: _____

Attachment E4 – Monthly Compliance Report

Monthly Compliance Report

A Monthly Compliance Report is required to be completed within 2 working days of the end of the month. This report must be kept on-site and made available by the end of the next business day when requested by DOH. The following is required to be addressed in the Monthly Compliance Reports and include attachments as necessary.

❑ *Any instances of non-compliance or corrective actions*

If the activity is in compliance and none of the information on file with the department requires updating, or there were no incidences of non-compliance, preparation of the monthly compliance information is still required which states:

❑ *No changes, updates, or any incidences of non-compliance to report.*

The certifying person and duly authorized representative shall meet the requirements of the contract documents. The certifying person or duly authorized representative is required to sign the Monthly Compliance Reports with the following certification statement:

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.

RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS

Work Area 1 (Kouhou Street) and Work Area 2 (1325 N King Street)

12/28/25

MONTHLY COMPLIANCE REPORT

Reporting Month/Year: _____

Project Name: _____
Location/Address: _____
DOH NGPC File No.: _____ **Project No.:** _____
County/Island: _____ **Acreage Disturbed (acres):** _____
Construction Start Date: _____ **Percent of Work Completed (%):** _____

This form must be completed within 2 working days of the end of the month and must be kept on-site and made available by the end of the next business day when requested by DOH. In addition, this form is required to be submitted to DOH with the Notice of Cessation at the completion of the project.

1. BMP Deficiencies and Associated Corrective Actions

Date Found	Location	Activity and Type of BMP Measure/Device	Date Contractor Notified	Notes/Comments	Date Corrected	Action Taken

2. Discharges This Month

Date Discharge Occurred	Outfall	Receiving Waterbody Discharged To	Date DOH Notified	Notes

RESTORATION OF KAPALAMA STREAM CRM CHANNEL WALLS

Work Area 1 (Kouhou Street) and Work Area 2 (1325 N King Street)

12/28/25

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3. Other Major Incidents Reported to DOH This Month

Date/Time Incident Occurred (if applicable)	Date/Time Incident Discovered	Date/Time Reported to DOH	Description of Incident	Notes

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.

_____ _____

Duly Authorized Person **Date**

Duly Authorized Person's Name: _____

Duly Authorized Person's Position Title: _____

Duly Authorized Person's Company or Agency Information:

Company or Agency: _____ **Phone:** _____

Address: _____ **Fax:** _____

_____ **Email:** _____

Attachment F – Spill Prevention and Response Procedures (SWPPP Section 7.2.11.1)

Spill Prevention and Control Plan (WM-4)

Emergency Spill Response Plan

Procedures for expeditiously stopping, containing, and cleaning up spills, leaks, and other releases.

Spill Coordinator
The Contractor shall appoint a Primary and Secondary Emergency Spill Response Coordinator who will be responsible for the reporting of spills, coordinating contractor personnel for spill cleanup, subsequent site investigations, and associated reports. In the event of a spill, the Emergency Spill Response Coordinator will be responsible for determining the extent of the containment/isolation area and cleanup methods. Include Names, positions, and emergency contact information.
The Contractor shall make contact with a Spill Cleanup Emergency Response Contractor prior to start of construction to provide sufficient information for the spill contractor to be prepared should they receive a call in the event of an emergency.

Immediate Response
All spills regardless of size must be reported to the Emergency Spill Response Coordinator and the (CCH Construction Branch Chief/Project Officer-in-Charge/Construction Inspector). The person observing the incident will take the following actions:
• Assess the safety of the situation (including the risk to the surrounding public).
• Alert nearby personnel and secure the immediate area for safety.

If the person is aware the chemical spilled is not toxic or a known petroleum product do the following:
• Make every effort to remove potential ignition sources and stop the source of the spill.
• Clean the spill using absorbent materials available on-site. Do not hose down or bury spills. Remove and properly dispose of cleanup materials.
• Promptly notify the Emergency Spill Response Coordinator. Report name, the spill location, material spilled, and the extent of the incident.

Upon learning of the spill, the Emergency Spill Response Coordinator will implement the following measures:
• Assess the safety of the situation (including the risk to the surrounding public).
• If the source of the spill is toxic or unknown, immediately notify the Fire Department and ask for assistance from the HAZMAT team.
• Secure the area by stopping traffic if necessary and install barricades or safety fencing around the area.
•If safe to do so, prevent hazardous material from entering the stormwater or sewer system or any waterbodies by covering/blocking any drains in the spill area, and providing containment BMPs to either prevent stormwater from contacting hazardous material or contain commingled stormwater.
•If safe to do so, absorbent materials will be applied to the spill area. Contaminated soils and vegetation will be excavated and temporarily placed on and covered by plastic sheeting or in an appropriate container or surrounded by impermeable lined berms in a containment area a minimum of 100 feet away from any wetland or waterbody, until proper disposal is arranged.
• Notify appropriate agencies as required by Federal, State, and local regulations.
•For petroleum spills, provide notification if the release meets any of conditions the below:
a) Greater than 25 gallons
b) Not cleaned within 72 hours
c) Enters a storm drainage system or state waters
• Arrange for proper disposal (including contaminated personal protective equipment and/or cleanup supplies) in accordance with Federal, State, and local regulations and Manufacturer's instructions if known.

• If a spill is beyond the scope of on-site equipment and personnel, contact the Spill Cleanup Emergency Response Contractor to further contain and clean up the spill.
• Notify the (CCH Construction Branch Chief/Project Officer-in-Charge/Construction Inspector).

Contents of the Spill kits shall be determined by the Contractor based on the anticipated type and quantity of hazardous material to be stored/used on-site. The kit should contain at minimum:

•55 gallon drum with lid
•absorbent pads (50)
•absorbent socks (12)
•absorbent pillows (5)
•1 pair goggles or face shield
•1 pair elbow length gloves
•1 disposable apron
•disposable bags with ties (3)
•Include additional materials such as Absorbent Skimmers or Booms for work adjacent or over State Waters as needed.
•Include additional materials as necessary to secure the spill area.

Procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies where a leak, spill, or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity consistent with HAR Chapter 11-55 subsection 5.3.4. and established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302, occurs during a 24-hour period (7.2.11.1.b).

• Contact information must be in locations that are readily accessible and available.

• The Contractor shall take all reasonable measures to protect human health and the environment.

• For emergencies or life-threatening situations, call 911 first.

• Notify responsible parties listed below as required and immediately notify DOH Clean Water Branch and the National Response Center of the incident. The notification shall also include the identity of the pollutant sources and the implemented control or mitigation measures. Notify other agencies as required by Federal/State/Local laws. List additional agencies or personnel below as required.

1. *Owner Contact/Emergency Contact Number: (CCH Construction Engineer/Project Engineer/Construction Inspector)*

   [INSERT NAME] (Construction Branch Chief) - [INSERT PHONE NO. XXX-XXXX]
   [INSERT NAME] (Project Engineer) - [INSERT PHONE NO. XXX-XXXX]
   [INSERT NAME] (Supervising Inspector) - [INSERT PHONE NO. XXX-XXXX]

2. *Authorized Representative/ Emergency Contact Number: (Contractor or designated representative who can contact Authorized Representative)*

   Stanley T. Katsura – 808-768-8836

3. *Contractor/ Emergency Contact Number: (Contractor Emergency Contact)*

4. *Department of Health*
   Clean Water Branch (During regular working hours): ……..808-586-4309
   Hawaii State Hospital Operator (After hours):…….. 808-247-2191

AND E-mail Clean Water Branch via email at cleanwaterbranch@doh.hawaii.gov

5. *Hawaii Hazard Evaluation and Emergency Response (HEER) ……..808-586-4249*
   (After Hours) ……....808-247-2191

   AND

   Appropriate Local Emergency Planning Committee (LEPC)

   For projects on Oahu
   Leland Nakai Department of Emergency Management……808-723-8958
   LEPC……..…..808-723-8960
   (After Hours)……..911

6. *National Response Center (NRC)……...(800)424-8802*
7. *Coast Guard Operations Center, Honolulu (working hours) ……. 808-522-8246*
   (After hours)……808-247-2191
8. *County Fire Department/Police…… 911*
9. *HDOT Tunnels Emergency Contact Number (After hours)……...808-485-6200*
10. *Spill Cleanup Emergency Response Contractor*

    {Add Spill Cleanup Emergency Response Contractor}……...808-XXX-XXXX

• *If required, fill in and follow the requirements of the Corrective Action Report.*

Attachment G – Waste Management Procedures (SWPPP Section 7.2.11.2)

Waste Management Procedures

The Contractor shall submit the DOH "Solid Waste Disclosure Form for Construction Sites" to the Officer-in-Charge within 30 calendar days of contract execution. The form can be downloaded at:
http://health.hawaii.gov/shwb/files/2013/06/swdiscformnov2008.pdf

Provide a copy of all the disposal receipts from the facility permitted by the Department of Health to receive solid waste to the Officer-in-Charge monthly, this should also include documentation from any intermediary facility where solid waste is handled or processed, or as directed by the Officer-in-Charge.

Solid Waste Management (WM-5)

Sanitary/Septic Waste Management (WM-9)

Hazardous Waste Management (WM-6)

HEER Hawaii Hazardous Substance Written Follow-Up Notification Form

ADD SIGNED SOLID WASTE DISCLOSURE FORM – Include the solid wastes produced by your Sub-contractors, all solid waste should be accounted for.

[Edit as applicable] Litter Management Plan

MAILI STREAM FLOOD CONTROL IMPROVEMENTS

A. Construction site preparations.

Before the start of construction activities, during the mobilization process, proper litter waste receptacles will be located at the construction site. Litter receptacles will be placed within the boundaries of the project right-of-way or within a project related vehicle on-site. Construction debris receptacles that accept mixed reuse may also act as litter control receptacles.

B. Daily Construction Site Litter Prevention Activities.

- *Pre-Construction activities litter prevention and control activities.*

  - *At the start of each work day, the active work areas of the construction site(s) will be inspected for litter debris.*
  - *Litter debris found will be collected and properly sorted into the proper debris receptacle.*
  - *Litter will be collected whether or not it was sourced from the job site and construction related activities.*
  - *After collection, litter will be disposed of in appropriate waste containers and all practices outlined in the Waste Management Plan will be followed.*
  - *Waste containers will be inspected regularly to prevent overfilling.*

- *Post-Construction Site Litter Prevention Activities*

  - *At the end of each work day, the active work areas of the construction site(s) will be inspected for litter debris.*
  - *Litter debris found will be collected and properly sorted into the proper debris receptacle.*
  - *Litter will be collected whether or not it was sourced from the job site and construction related activities.*
  - *After collection, litter will be disposed of in appropriate waste containers and all practices outlined in the Waste Management Plan will be followed.*

- *Waste containers will be inspected regularly to prevent overfilling.*

➢ *BMPs and Litter Control*

- *Construction Site BMPs will be inspected for litter debris when conducted weekly BMP inspection or after a significant rain event as litter debris may reduce the performance of BMPs.*

Attachment H – Contingency Plan

[Edit as applicable]Provide a contingency plan that will be implemented to prevent or respond to a polluted discharge resulting from a severe storm or natural disaster. Include how the weather will be monitored, site will be secured, and who to notify at CCH.

SEVERE STORM CONTINGENCY PLAN

The following plan will be implemented by the General Contractor to prevent/respond to polluted discharges resulting from a severe storm or natural disaster. It is the General Contractor's responsibility to abide by the following plan as well as any other binding plan, agreement, regulation, rule, law, or ordinance applicable.

All contactors associated with the following construction project: Keolu Drive Channel Wall at 1461Kanapu'u Drive Flood Control Improvements *will follow this plan when a severe storm is either forecast or anticipated or as directed by the Officer-in-Charge.*

General Contractors shall:

a. *Regularly monitor local weather reports for forecasted and/or anticipated severe storm events, advisories, watches, warnings or alerts. The Contractor shall inspect and document the condition of all erosion control measures on that day prior, during, and within 24 hours after the event. The Contractor shall prepare for forecasted and/or anticipated severe weather events to minimize the potential for polluted discharges.*

b. *Secure the construction site. Securing the site shall include at a minimum:*
   i. *Removing or securing equipment, machinery, construction materials, and portable toilets. If portable toilets are to remain on-site, they shall be pumped the day prior to the event.*
   ii. *Cleaning up all construction debris.*
   iii. *Stopping scheduled material deliveries.*
   iv. *Locating and turning off jobsite utilities, including electricity, water, and gas.*
   v. *Implementing all Best Management Practices detailed in the SWPPP. This includes BMPs for materials management, spill prevention, and erosion and sediment control. To protect human health, the Officer-in-Charge will use their discretion as to whether to remove BMPs which may impede flow into inlets causing ponding on the roadway. These changes shall be noted on the SWPPP.*

vi. *Work crews shall finalize securing the project site, and evacuate until the severe weather condition has passed.*

c. *Upon return to the Site, all BMPs shall be inspected, repaired and/or re-installed as needed. If repair or reinstallation of removed BMPs is necessary, it shall be initiated within 24 hours of the inspection. Note the changes on the SWPPP. To facilitate repair or replacement, the Contractor shall be required to store surplus material on the project site if the site is located where replacement materials will not be readily available.*

d. *When there has been a discharge which violates Hawaii Water Pollution rules and regulations OR there is an imminent threat of a discharge which violates Hawaii Water Pollution rules and regulations and/or endangers human and/or environmental health, the Officer-in-Charge shall, at a minimum, execute the following steps:*

i. *Assess whether construction needs to stop or if additional BMPs are needed to stop or prevent a violation.*

ii. *Direct the Contractor to take all reasonable measures to protect human health and the environment.*

iii. *Notify responsible parties listed below and immediately notify the DOH of the incident. The notification shall also include the identity of the pollutant sources and the implemented control or mitigation measures.*

1. *Owner Contact/Emergency Contact Number: XXX, XXX-XXXX*
2. *Owner Contact/ Emergency Contact Number: XXX, XXX-XXXX*
3. *Contractor/ Emergency Contact Number: XXX, XXX-XXXX*
4. *Department of Health Clean Water Branch (During regular working hours): 808-586-4309 Hawaii State Hospital Operator (After hours): 808-247-2191*

iv. *Document corrective actions, take photographs of discharge and receiving waters.*

v. *Evaluate the effectiveness of the construction BMPs in the Site-Specific Construction Best Management Plan in relation to the design storm. If the storm was less than the design storm and BMPs were ineffective, revise BMPs to prevent future discharges of a similar nature.*

Attachment I – SWPPP Amendment Log

AMENDMENT LOG

Each Amendment must be signed by the authorized representative authorizing the changes.

Project Name: *Anapalau Street Channel Erosion Control Improvements*

SWPPP Contact: _____

Amendment No.	***Description of the Amendment***	***Date of Amendment***	***Amendment Prepared by [Name(s) and Title]***

Add rows as needed

Attachment J – Emergency Related Projects, Departures from Manufacturer's Specifications for Fertilizers Containing Nitrogen or Phosphorus, Buffer Documentation, Documentation of Compliance with UIC Requirements, Other State/Federal/County Permits, & Other Information as Requested by the Director (SWPPP Sections 7.2.3, 7.2.9, 7.2.14, 7.2.15, and 7.2.16)

Attachment K – Post-Authorization Additions to the SWPPP