

RFB-DDC-1775405

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
STATE OF HAWAII

ADDENDUM NO. 3

TO CONTRACT DOCUMENTS

FOR

JOB NO. 12-23

REHABILITATION OF LOCALIZED STREETS, PHASE 24B

MILILANI MAUKA, OAHU, HAWAII

NOTICE TO ALL PROSPECTIVE BIDDERS:

This addendum is hereby made a part of the contract documents for Job No. 12-23, REHABILITATION OF LOCALIZED STREETS, PHASE 24B, MILILANI MAUKA, OAHU, HAWAII, and it shall amend the said contract documents as follows:

1. STORM WATER POLLUTION PREVENTION PLAN (SWPPP) DRAFT

Add the attached draft Storm Water Pollution Prevention Plan (SWPPP).

2. NPDES (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM) DOCUMENTS

Add the attached Notice of General Permit Coverage (NGPC) Letter dated January 24, 2024 and NGPC Renewal Letter dated February 21, 2024 for NPDES Document Submission #HPZ-2AXJ-W166K.

3. PLANS

Replace Drawing Nos. ES-1, ES-2, and ES-3 with Addendum No. 3 sheets.

4. PRE-BID MEETING

A summary of the March 15, 2024 Pre-Bid Conference is attached.

NOTE: The Contract requirements noted in this Addendum No. 3, and any future addendums, supersede any discussions and information provided at the March 15, 2024 Pre-Bid Conference.

APPROVED:

A handwritten signature in black ink, appearing to read 'Kelsi Imamura', written over a horizontal line.

KELSI IMAMURA Date
Acting Purchasing Administrator, *OK* *KK*
Department of Budget and Fiscal
Services

DDC SWPPP TEMPLATE INSTRUCTIONS FOR CONTRACTORS:

- Use Track Changes
- Yellow Highlighted – fill out. Only to be used as a guide. The Contractor is responsible for all contents of the SWPPP. Therefore, the Contractor should thoroughly read, understand, and revise the SWPPP to reflect his means and methods, as necessary.

Delete these instructions when complete

**STORM WATER POLLUTION PREVENTION PLAN
(SWPPP)**

**Project Title: Rehabilitation of Localized Streets Phase 24B
Job No.: 12-23**

DOH [NGPC File No. HI[XXXXXXXX]]

Prepared by: [ADD Contractor Name]

Date: November 22, 2023

Based on DDC Permitted SWPPP Template dated 03/11/2020

Storm Water Pollution Prevention Plan (SWPPP)

[Notice of General Permit Coverage]

File No. HI [R10EXXX]

Preparation Date 11/22/23

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7.0 Preface

The following documents are referenced throughout this document:

- 1) Hawaii Administrative Rules (HAR), Chapter 11-55
- 2) City and County of Honolulu, Storm Water Best Management Practice Manual
- 3) Standard Specifications and Special Provisions
- 4) City & County of Honolulu, Rules Relating to Water Quality

Please note that the Sections referenced are Sections in the HAR Chapter 11-55, Appendix C, NPDES General Permit Authorizing Discharges of Storm Water Associated with Construction Activity, unless stated otherwise apply to all projects.

7.0.1 Notes for Contractor/CCH Construction Personnel

CONTRACTOR STAGING/STORAGE AREAS

- The City has permitted all of the disturbed areas within the City’s rights-of-way as shown in **Attachment A-2** of the Project’s Notice of Intent (NOI) and all of the discharge points associated with those disturbed areas.

- The Contractor may use any disturbed area that is permitted and that is acceptable to the Officer-in-Charge for their Staging/Storage.
- Staging/Storage Areas outside disturbed areas or outside the project limits WILL require a new National Pollutant Discharge Elimination System (NPDES) submittal. If the Staging/Storage Area is outside of the disturbed area or outside of the project limits, inform CCH.

Discharge Point 1 discharges to nutrient or sediment impaired waters. *The following applies to construction areas discharging to these outfalls:*

- 1) *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 SWPPP.*

Rain Gauge Location: _____

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

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 SWPPP.

Discharge Point 2 discharges to waters not impaired for nutrients or sediments. *The following applies to construction areas discharging to these outfalls:*

- 1) *Construction BMPs shall be inspected weekly. For more details, see Section 7.2.12 of this SWPPP.*
- 2) *Immediately initiate and complete stabilization within 14 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 SWPPP.*

7.2.1 Storm Water Team

The permittee/Contractor shall assemble and oversee a “storm water team,” which is responsible for the development of the SWPPP, any later modifications to it, and for compliance with the BMP requirements for this project.

The permittee/Contractor shall assemble and oversee a “storm water team,” which is responsible for the development of the SWPPP, any later modifications to it, and for compliance with the requirements in the Notice of General Permit Coverage (NGPC).

The SWPPP must identify the personnel (by name or 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 the permit, the most updated copy of this SWPPP, and other relevant documents or information that must be kept with this SWPPP.

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

1) Name: **Darin Chinen**

Company: **WSP USA**

Position: **Design Project Manager**

Contact Number: **(808) 566-2252**

Responsibilities: **Developed the Notice of Intent (NOI) and SWPPP**

2) Name: **Marvin Luckfield**

Company: **City and County of Honolulu, Department of Design and Construction (DDC)**

Position: **CCH DDC Construction Branch Chief**

Contact Number: **(808) 768-8839**

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.**

3) Name: **XXX**

Company: **City and County of Honolulu, Department of Design and Construction (DDC)**

Position: **CCH Inspector**

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

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

Responsibilities: _____

8) Name: _____

Company: Contractor

Position: Contractor

Contact Number: (808) xxx-xxxx

Responsibilities: _____

7.2.2 Nature of Construction Activities

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

- ☐ Residential ☐ Commercial ☐ Industrial ☒ Road Construction ☐ Linear Utility
☐ Other (please specify): _____

For construction site estimates, see NOI Form C, Section C.3 – Construction Site Estimates

What is being constructed? The roadway is being resurfaced/reconstructed, new pavement striping installed, and sidewalks are being reconstructed. Additionally, as necessary within the project limits, other work includes reconstruction of existing concrete curb and/or gutters, and adjustment of manhole frames and covers.

Describe the scope of work and major construction activities covered in the NOI, including baseyards 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. A separate NOI will be required for all other project areas.

(Note: Per Section SP194 of the Special Provisions, the maximum surface area of earth material which may be exposed at any time is 300,000 square feet.)

Roadway demolition and reconstruction including resurfacing and reconstruction of asphalt concrete pavements, installation of pavement marking, reconstruction of existing concrete curb and/or gutters, reconstruction of sidewalks, adjustment of manhole frames and covers and tree root/canopy pruning. DDC has permitted all the project area and the discharge points associated with the project area. If the Contractor selects staging/storage area(s) outside the permitted area, then the Contractor shall obtain a new NPDES permit..

[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].

7.2.3 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/Contractor 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: (808)	
Sub-Contractor Email Address:	

Sub-Contractor #3 Company Name, as needed:
--

<i>Sub-Contractor Contact Person Name:</i>	
<i>Sub-Contractor Mailing Address:</i>	
<i>Sub-Contractor Mailing City:</i>	<i>Sub-Contractor Mailing State and Zip Code:</i>
<i>Sub-Contractor Telephone Number: (808)</i>	
<i>Sub-Contractor Email Address:</i>	

<i>Sub-Contractor #4 Company Name:</i>	
<i>Sub-Contractor Contact Person Name:</i>	
<i>Sub-Contractor Mailing Address:</i>	
<i>Sub-Contractor Mailing City:</i>	<i>Sub-Contractor Mailing State and Zip Code:</i>
<i>Sub-Contractor Telephone Number: (808)</i>	
<i>Sub-Contractor Email Address:</i>	

<i>Sub-Contractor #5 Company Name:</i>	
<i>Sub-Contractor Contact Person Name:</i>	
<i>Sub-Contractor Mailing Address:</i>	
<i>Sub-Contractor Mailing City:</i>	<i>Sub-Contractor Mailing State and Zip Code:</i>
<i>Sub-Contractor Telephone Number: (808)</i>	
<i>Sub-Contractor Email Address:</i>	

<i>Sub-Contractor #6 Company Name:</i>	
<i>Sub-Contractor Contact Person Name:</i>	
<i>Sub-Contractor Mailing Address:</i>	
<i>Sub-Contractor Mailing City:</i>	<i>Sub-Contractor Mailing State and Zip Code:</i>
<i>Sub-Contractor Telephone Number: (808)</i>	
<i>Sub-Contractor Email Address:</i>	

<i>Sub-Contractor #7 Company Name:</i>	
<i>Sub-Contractor Contact Person Name:</i>	
<i>Sub-Contractor Mailing Address:</i>	

Sub-Contractor Mailing City:	Sub-Contractor Mailing State and Zip Code:
(Sub-Contractor Telephone Number) (808)	
(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 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 SWPPP once the project is awarded.}

- ✓ Installation of storm water control measures, and when they will be made operational, including an explanation of how the sequence and schedule for installation of storm water control measures complies with Section 5.1.1.3.1. and of any departures from manufacturer specifications pursuant to Section 5.1.1.3.2., 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. The dates for stabilization must reflect the applicable deadlines to which the permittee/ContrACTOR is subject to in Section 5.2.1.

- ✓ 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.
- a. Legal boundaries of the project. See SWPPP Attachment A-2
 - b. Locations where earth-disturbing activities will occur, noting any sequencing of construction activities. See SWPPP Attachment A-7
 - 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). See SWPPP Attachment A-7
 - 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). See SWPPP Attachment A-7
 - 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). See SWPPP Attachment A-7
 - f. Locations where sediment, soil, or other construction materials will be stockpiled 7.2.6.1c. See 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 SWPPP.

- g. Locations of any contaminated soil or contaminated soil stockpiles 7.2.6.1d. **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 SWPPP.**
- h. Locations of any crossings of state waters 7.2.6.1e. **See SWPPP Attachment A-1**
- i. Designated points on the site where vehicles will exit onto paved roads 7.2.6.1f. **See 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 SWPPP.**
- j. Location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed 7.2.6.1g. **No impervious structures are proposed on this project.**
- k. Locations of construction support activity areas covered by this permit 7.2.6.1h. **See SWPPP 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 SWPPP.**

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. **See SWPPP Attachment A-1**
- b. The boundary lines of any natural buffers provided consistent with Section 5.1.2.1.1, 7.2.6.3. **Natural buffers are not feasible. See Section 7.2.9 – Buffer Documentation**

- 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. **See SWPPP Attachment A-7**
- 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; **See SWPPP Attachment A-7**
and b) Locations where storm water will be discharged to state waters (including wetlands) 7.2.6.5. **See SWPPP Attachment A-7**
- e. Locations of all potential pollutant-generating activities identified in Section 7.2.7, 7.2.6.6. **See SWPPP Attachment A-??**
- f. Locations of storm water control measures 7.2.6.7. **See SWPPP Attachment A-7.** *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 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 SWPPP Attachment A-7 & A-8. 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 SWPPP.*
-

Chemical	Location	Major Construction Activity
<p>Hydraulic oils/ fluids</p> <p>*Applicable As Noted or *Not Applicable (If no indication, then all are Applicable)</p> <p>[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 ».]</p>	<ul style="list-style-type: none"> 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. <p>[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]</p>	<p>Roadway</p> <p>Demolition and Construction, Landscaping</p> <p>[Edit as applicable. Delete all text in this column if Not Applicable.]</p>
<p>Antifreeze/Coolants</p> <p>*Applicable As Noted or *Not Applicable (If no indication, then all are Applicable)</p>	<ul style="list-style-type: none"> 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. 	<p>Roadway</p> <p>Demolition and Construction, Landscaping</p>
<p>Glue, Adhesives</p> <p>*Not Applicable (If no indication, then Applicable)</p>	<ul style="list-style-type: none"> Roadway construction 	<p>Roadway</p> <p>Demolition and Construction</p>
<p>Concrete Curing Compounds/ Form Release Oils</p> <p>*Not Applicable (If no indication, then Applicable)</p>	<ul style="list-style-type: none"> Roadway construction involving concrete 	<p>Roadway</p> <p>Demolition and Construction</p>
<p>Pesticides</p> <p>*Not Applicable (If no indication, then Applicable)</p>	<ul style="list-style-type: none"> Landscaping areas 	<p>Landscaping</p>

Herbicides <i>*Not Applicable (If no indication, then Applicable)</i>	• Landscaping areas	Landscaping
Insecticides <i>*Not Applicable (If no indication, then Applicable)</i>	• Landscaping areas	Landscaping
Fertilizers <i>*Not Applicable (If no indication, then Applicable)</i>	• 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, as required in Section 5.3.5.1 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 »]	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Roadway Demolition and Construction, Landscaping
Emulsified asphalt or tack coat *Not Applicable (If no indication, then Applicable)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Roadway Demolition and Construction, Landscaping
Existing Pollution Sources *Not Applicable (If no indication, then Applicable)	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Roadway Demolition and Construction, Landscaping
Other (Contaminated Soil) *Not Applicable (If no indication, then Applicable)	<ul style="list-style-type: none"> 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) <i>[If the item in the middle column is applicable, delete the highlighted text above. If the item is not applicable, leave « *Not Applicable »]</i>	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs <i>[If this is not applicable, write a brief explanation why it is not applicable in bold, un-italicized text.]</i>	Roadway Demolition and Construction, Landscaping <i>[Edit as applicable. Delete all text in this column if Not Applicable.]</i>

Source	Description of How Potential Non-Storm Water Pollution Source will not be Discharged to State Waters	Major Construction Activity
Concrete Truck Wash Water *Not Applicable (If no indication, then Applicable)	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Roadway Demolition and Construction, Landscaping
Sediment Track Out *Not Applicable (If no indication, then all control measures are Applicable)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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
Hydrotesting Effluent *Not Applicable (If no indication, then all control measures are Applicable)	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Roadway Demolition and Construction, Landscaping
Dewatering Effluent *Not Applicable (If no indication, then all control measures are Applicable)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Roadway Demolition and Construction, Landscaping
Concrete Curing Water *Not Applicable (If	<ul style="list-style-type: none"> 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
no indication, then all control measures are Applicable)		
Plaster Waste Water *Not Applicable (If no indication, then all control measures are Applicable)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Roadway Demolition and Construction, Landscaping

7.2.9 –Buffer Documentation

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/Contractor has complied with this alternative. If the buffer is located outside City and County of Honolulu Right of Way, include written permission from the owner of the land in SWPPP Attachment J.*

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/Contractor 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 J.

☐ 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/Contractor 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/Contractor is not required to comply with the requirements in this section if site constraints (e.g., limited right-of-way) prevent the permittee/Contractor from meeting any of the compliance alternatives in Section 5.1.2.1.1., provided that, to the extent practicable, the permittee/Contractor limit disturbances within 50 feet of state waters and/or the permittee/Contractor provide erosion and sediment controls to treat storm water discharges from earth disturbances within 50 feet of the state water. The permittee/Contractor 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 Clean Water Act (CWA) 404 permit or a No Permit Required determination has been issued by the U.S. Army Corps of Engineers; or construction of a water-dependent structure or water access area (e.g., pier, boat ramp, trail). For land-based construction activities associated with work within 50 feet of a state water provide at a minimum double BMPs.

Document below if any of the above disturbances will occur within the buffer area on the site:

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 SWPPP.

BMP Details

Complete the table below.

Note: Bolded text in the table are requirements of HAR Chapter 11-55. The Designer will provide an installation detail of all proposed BMPs (From CCH Construction BMP Field Manual) identified in Section 7.2.6.7, including the proposed BMPs that will be used to mitigate the potential pollutants identified in Sections 7.2.7 and 7.2.8. Attach the details and design calculations, if applicable, in SWPPP Attachment A (7.2.10.1a). 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 (7.2.10.1):

☐ *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 (7.2.10.1b).* _____

☐ *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 consistent with Section 5.1.2.3 will be taken and are described below (7.2.10.1d).* *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 SWPPP.*

☐ The project is linear, and the use of perimeter controls on portions of the site is impracticable for the following reasons (7.2.10.1e): _____

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
<p>Construction debris, green waste, general litter</p> <p>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</p> <p><i>[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 »]</i></p>	<ul style="list-style-type: none"> • 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. <p>[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.]</p>	<p>See Solid Waste Management Section WM-5. Protect Storm Drain Inlets SE-10, and Perimeter Sediment Controls where applicable.</p> <p>Contractor to include Litter Management plan once the project is awarded.</p>
<p>Materials associated with the operation and maintenance of equipment, such as oil, fuel, and</p>	<ul style="list-style-type: none"> • 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 	<p>See Vehicle and Equipment Cleaning, Maintenance, and Refueling, Sections NS-8, NS-10, and NS-9, and</p>

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
<p>hydraulic fluid leakage</p> <p>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</p>	<p>vehicles and equipment to absorb spills or leaks.</p> <ul style="list-style-type: none"> • 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 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. 	<p>Material Delivery and Storage Section WM-1 and Material Use Section WM-2, and Spill Prevention and Control WM-4.</p>

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
<p>Soil erosion from the disturbed areas</p> <p>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</p>	<ul style="list-style-type: none"> • 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. • Where there is evidence of sediment accumulation adjacent to the inlet protection measure, remove the 	<p>Soil Stabilization</p> <ol style="list-style-type: none"> 1. EC-16 Topsoil Management 2. EC-14 Seeding, Planting and Sodding 3. EC-3 Hydraulic Mulching 4. EC-7 Geotextiles and Mats <p>Slope Protection</p> <ol style="list-style-type: none"> 1. EC-14 Seeding, Planting and Sodding 2. EC-3 Hydraulic Mulching 3. EC-7 Geotextiles and Mats 4. EC-15 Slope Roughening/ Terracing 5. EC-11 Slope Drains <p>SE-10 Storm Drain Inlet Protection</p> <p>Perimeter Controls and Sediment Barriers</p> <ol style="list-style-type: none"> 1. SE-1 Silt Fence 2. SE-15 Vegetated Buffer Strips and

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<p><i>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.</i></p> <ul style="list-style-type: none"> <i>Sediment basins shall be designed and maintained in accordance with HAR Chapter 11-55.</i> <i>Minimize disturbance on steep slopes (Greater than 15% in grade).</i> <i>If disturbance of steep slopes are unavoidable, phase disturbances and use stabilization techniques designed for steep grades.</i> <i>For temporary drains and swales use velocity dissipation devices within and at the outlet to minimize erosive flow velocities.</i> 	<p><i>Channels</i></p> <ol style="list-style-type: none"> <i>SE-16 Compost Socks and Berms</i> <i>SE-8 Sandbag Barrier</i> <i>SE-14 Rip-Rap & Gabion Inflow Protection</i> <p><i>Sediment Basins and Detention Ponds</i></p> <ol style="list-style-type: none"> <i>SE-3 Sediment Trap</i> <i>SE-2 Sediment Basin</i> <p><i>SE-4 Check Dams</i></p> <p><i>SE-13 Level Spreader</i></p> <p><i>NS-3 Paving Operations</i></p> <p><i>TR-2 Stabilized Construction Roadway</i></p> <p><i>Controlling Storm Water Flowing onto and Through the Project</i></p> <ol style="list-style-type: none"> <i>EC-9 Earth Dikes and Drainage Swales</i> <p><i>Post Construction BMPs</i></p> <ol style="list-style-type: none"> <i>Flared Culvert End Sections</i>

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
		<ol style="list-style-type: none"> 2. SE-14 Rip-Rap and Gabion Inflow Protection 3. EC-10 Velocity Dissipation Devices 4. EC-16 Topsoil Management <p><i>Non-Structural BMPs</i></p> <ol style="list-style-type: none"> 1. EC-0 Employee Training 2. EC-1 Scheduling 3. SE-12 Location of Potential Sources of Sediment 4. EC-2 Preservation of Existing Vegetation

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
<p>Sediment from soil stockpiles</p> <p>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</p>	<ul style="list-style-type: none"> • <i>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.</i> • <i>Place bagged materials on pallets and under cover.</i> • <i>Provide physical diversion to protect stockpiles from concentrated runoff.</i> • <i>Cover stockpiles with plastic or comparable material when practicable.</i> • <i>Place silt fence, fiber filtration tubes, or straw wattles around stockpiles.</i> • <i>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.</i> • <i>Unless infeasible, contain and securely protect stockpiles from the wind.</i> • <i>Provide Storm Drain Inlet Protection and/or Perimeter Sediment Controls as applicable.</i> • <i>See Protection of Stockpiles Section WM-3 for additional requirements.</i> 	<p>See Protection of Stockpile Management Section WM-3. Storm Drain Inlets Protection SE-10, and Perimeter Sediment Controls where applicable.</p>
<p>Emulsified asphalt or tack coat</p> <p>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</p>	<ul style="list-style-type: none"> • <i>Provide training for employees and contractors on proper material delivery and storage practices and procedures.</i> • <i>Restrict paving operations during wet weather to prevent paving materials from being discharged.</i> • <i>Use asphalt emulsions when possible.</i> • <i>Protect drain inlet structures and manholes during application of tack coat, seal coat, slurry seal, and fog seal.</i> • <i>Keep ample supplies of drip pans and absorbent materials on site.</i> 	<p>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.</p>

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<ul style="list-style-type: none">• <i>Inspect inlet protection devices.</i>• <i>See Material Delivery and Storage Section WM-1 and Paving Operations Section NS-3 for additional requirements.</i>• <i>Provide Storm Drain Inlet Protection and/or Perimeter Sediment Controls as applicable.</i>	

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
<p>Materials associated with painting, such as paint and paint wash solvent</p> <p>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</p>	<ul style="list-style-type: none"> 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. 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. 	<p>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.</p>

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<ul style="list-style-type: none">• <i>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.</i>• <i>Provide Storm Drain Inlet Protection and/or Perimeter Sediment Controls as applicable.</i>	

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
<p><i>Industrial chemicals, fertilizers, and/or pesticides</i></p> <p>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</p>	<ul style="list-style-type: none"> • <i>Hazardous chemicals shall be well-labeled and stored in original containers.</i> • <i>Keep ample supply of cleanup materials on site.</i> • <i>Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly.</i> • <i>Do not clean surfaces or spills by hosing the area down.</i> • <i>Eliminate the source of the spill to prevent a discharge or a furtherance of an ongoing discharge.</i> • <i>Dispose container only after all of the product has been used.</i> • <i>Retain a complete set of safety data sheets (formerly MSDS) on site.</i> • <i>Store industrial chemicals in water-tight containers and provide either cover or secondary containment.</i> • <i>Provide cover when storing fertilizers or pesticides to prevent these chemicals from coming into contact with rainwater.</i> • <i>Restrict amount of pesticide prepared to quantity necessary for the current application.</i> • <i>Do not apply fertilizers or pesticides during or just before a rain event.</i> • <i>Do not apply to stormwater conveyance channels with flowing water</i> • <i>Comply with fertilizer and pesticide manufacturer's recommended usage and disposal instructions. Document departures from manufacturer's specifications in Attachment J.</i> • <i>Apply fertilizers at the appropriate time of year for the location, and preferably timed to coincide as closely as possible to the period of maximum vegetation uptake and growth.</i> • <i>Follow federal, state, and local laws regarding fertilizer application.</i> 	<p><i>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</i></p>

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<ul style="list-style-type: none"> • <i>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.</i> • <i>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.</i> • <i>See Material Delivery and Storage Section WM-1, Material Use WM-2, and Waste Management, Hazardous Waste Management Section WM-6 for additional requirements.</i> 	
<p><i>Hazardous waste (Batteries, Solvents, Treated Lumber, etc.)</i></p> <p><i>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</i></p>	<ul style="list-style-type: none"> • <i>Do not dispose of toxic materials in dumpsters allocated for construction debris.</i> • <i>Ensure collection, removal, and disposal of hazardous waste complies with regulations.</i> • <i>Hazardous waste that cannot be reused or recycled shall be disposed of by a licensed hazardous waste hauler.</i> • <i>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.</i> • <i>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.</i> • <i>All containers stored outside shall be kept away from surface waters and within appropriately-sized secondary</i> 	<p><i>See Hazardous Waste Management Section WM-6 and Vehicle and Equipment Maintenance NS-10</i></p>

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<p><i>containment (e.g., spill berms, decks, spill containment pallets). Provide cover if possible.</i></p> <ul style="list-style-type: none"> <i>• Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly.</i> <i>• Do not clean surfaces or spills by hosing the area down.</i> <i>• Eliminate the source of the spill to prevent a discharge or a continuation of an ongoing discharge.</i> <i>• Ensure collection, removal, and disposal of hazardous waste complies with manufacturer's recommendations and is in compliance with federal, state, and local requirements.</i> <i>• See Hazardous Waste Management Section WM-6 and Vehicle and Equipment Management, Vehicle and Equipment Maintenance NS-10 for additional requirements.</i> 	

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
Metals and Building Materials <i>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</i>	<ul style="list-style-type: none"> 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 <i>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</i>	<ul style="list-style-type: none"> 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
Dust Control Water <i>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</i>	<ul style="list-style-type: none"> 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 <i>*Applicable As Noted or *Not Applicable (If</i>	<ul style="list-style-type: none"> Disposal of concrete truck wash water via percolation is prohibited. Wash concrete-coated vehicles or equipment off-site or in the designated 	See Waste Management, Concrete Waste Management Section WM-8

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
<i>no indication, then all Site-Specific BMPs are Applicable)</i>	<p>wash area.</p> <ul style="list-style-type: none"> • <i>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.</i> • <i>Runoff from the on-site concrete wash area shall be contained in a temporary pit or level bermed area where the concrete can set.</i> • <i>Design the area so that no overflow can occur due to inadequate wash area sizing or precipitation.</i> • <i>The temporary pit shall be lined with plastic to prevent seepage of wash water into the ground.</i> • <i>Allow wash water to evaporate or collect wash water and all concrete debris in a concrete washout system bin.</i> • <i>Do not dump liquid wastes into storm drainage system.</i> • <i>Dispose of liquid and solid concrete wastes in compliance with federal, state, and local standards.</i> • <i>See Waste Management, Concrete Waste Management Section WM-8 for additional requirements.</i> 	
<i>Sediment Track-Out</i> <i>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</i>	<ul style="list-style-type: none"> • <i>Include Stabilized Construction Entrance at all points that exit onto paved roads.</i> • <i>A sediment trapping device is required if a wash rack is used in conjunction with the stabilized construction entrance/exit.</i> 	<i>See Stabilized Construction Entrance/Exit Section TR-1</i>

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<ul style="list-style-type: none"> • <i>The pavement shall not be cleaned by washing down the street.</i> • <i>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.</i> • <i>Use BMPs for adjacent drainage structures.</i> • <i>Remove sediment tracked onto the street by the end of the day in which the track-out occurs.</i> • <i>Restrict vehicle use to properly designated exit points.</i> • <i>Include additional BMPs that remove sediment prior to exit when minimum dimensions can not be met.</i> • <i>See Stabilized Construction Entrance Section TC-1 for additional requirements.</i> 	

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
Irrigation Water <i>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</i>	<ul style="list-style-type: none"> 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 <i>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</i>	<ul style="list-style-type: none"> 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.
Dewatering Effluent <i>*Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)</i>	<ul style="list-style-type: none"> 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 	See Dewatering Operations NS-2. Site specific BMPs will be included in the NOI/NPDES Permit Form G submittal.

Pollutant Source	Appropriate Site-Specific BMP to be Implemented	BMP Requirements
	<i>necessary. See Site Planning and General Practices, Dewatering Operations Section NS-2 for additional requirements.</i>	
Saw-cutting Slurry *Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)	<ul style="list-style-type: none"> 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 Site-Specific BMPs are Applicable)	<ul style="list-style-type: none"> 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 included in SWPPP Attachment A for additional requirements. 	See California Stormwater BMP Handbook NS-12 Concrete Curing
Plaster Waste Water *Applicable As Noted or *Not Applicable (If no indication, then all Site-Specific BMPs are Applicable)	<ul style="list-style-type: none"> 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 	See Material Delivery and Storage Section WM-1, Material Use Section WM-2, and Hazardous Waste Management Section WM-6

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<p><i>removed and properly disposed. If the residual materials contaminate the soil, then the contaminated soil shall also be removed and properly disposed of.</i></p> <ul style="list-style-type: none">• <i>Plaster waste water shall not be allowed to flow into drainage structures or State waters.</i>• <i>See Material Delivery and Storage Section WM-1, Material Use WM-2, and Hazardous Waste Management Section WM-6 for additional requirements.</i>	

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)	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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.

7.2.10.2 – Stabilization Practices

Describe the specific vegetative and/or non-vegetative practices that will be used to comply with the requirements in HAR Chapter 11-55, Section 5.2., including if the permittee/Contractor will be complying with the stabilization deadlines specified in HAR Chapter 11-55, Section 5.2.1.3.2. Document the circumstances that prevent the permittee/Contractor from meeting the deadlines specified in Sections 5.2.1.1. and/or 5.2.1.2.

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 (5.2.1.1).

For the purposes of this SWPPP section, any of the following types of activities constitutes initiation of stabilization (5.2.1.1):

- 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 (5.2.1.1):

- 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):

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 circumstances that prevent the Contractor from meeting the deadlines required in Sections 5.2.1.1. and/or 5.2.1.2. and 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 Construction Contract Documents.

Final Stabilization

To be considered adequately stabilized, the permittee/Contractor shall meet the criteria below depending on the type of cover the permittee/Contractor is using, either vegetative or non-vegetative.

5.2.2.1. Vegetative stabilization.

5.2.2.1.1.1.

If the permittee/Contractor is vegetatively stabilizing any exposed portion of the site through the use of seed or planted vegetation, the permittee/Contractor 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/Contractor 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 permittee/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:

Discharge Point #1 discharges to nutrient or sediment impaired waters. The following applies to construction areas discharging to these outfalls:

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

Discharge Point #2 discharges to waters not impaired for nutrients or sediments. The following applies to construction areas discharging to these outfalls:

Immediately initiate and complete stabilization within 14 calendar days on areas of the site in which earth-disturbing activities have temporarily or permanently ceased.

All areas of soil disturbance will be overlaid with concrete, erosion control matting, and/or hydromulch. The Contractor will be complying with the deadlines in Section 5.2.1.3.2, with completion of initial plantings within 7 calendar days of completion of prepping the soil for planting. Mulch will be applied to the exposed areas. The Contractor shall notify the Officer-in-Charge for his agreement if any stabilization practices or timetables to complete stated above will not be followed and document the reasons in the SWPPP below.

The deadlines for initiating and completing stabilization in Sections 5.2.1.1. and/or 5.2.1.2. cannot be met because of the following (Note: Document location(s), reasons, and schedule)_____

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.

7.2.11.1 – Spill Prevention and Response Procedures

The SWPPP must describe procedures that the permittee/Contractor will follow to prevent and respond to spills and leaks consistent with Section 5.3., 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 consistent with Section 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. 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 SWPPP Attachment F.

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

7.2.11.2 – Waste Management Procedures

The SWPPP must describe procedures for how the permittee/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 SWPPP Attachment G.

The Contractor shall update the Waste Management Procedures in the 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

The SWPPP must describe the procedures the permittee/Contractor will follow for maintaining the storm water control measures, conducting site inspections, and, where necessary, taking corrective actions, in accordance with Section 5.1.1.4., Section 5.3.2., Section 9, and Section 10 of the permit. The following information must also be included in this SWPPP:

a. Personnel responsible for conducting inspections: **Construction Project Manager 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 permittee/Contractor will be as follows, which is based on whether the site is subject to Section 9.1.2. or Section 9.1.3., and whether the site qualifies for any of the allowances for reduced inspection frequencies in 9.1.4. If the permittee/Contractor will be conducting inspections in accordance with the inspection schedule in Section 9.1.2.a. or Section 9.1.2.b., the location of the rain gauge on the site or the address of the weather station the permittee/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):

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 SWPPP Inspection and Maintenance Report Form to the Engineer within 24 hours of the inspection.

Rain Gauge Location: _____

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

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 SWPPP along with product installation instructions.

c. Use the Corrective Action Report Form for any the following (10.2.1 and 10.4.1):

- 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.
- 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 must be included with the monthly compliance report in Attachment E1.

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

☒ The Inspection Report Form provided in SWPPP Attachment E1 will be used to document BMP deficiencies and the Corrective Actions taken for to correct those deficiencies.

☒ The *CCH Construction Site BMPs Inspection Checklist For NPDES Permitted Construction Projects* provided in SWPPP Attachment E5 will be used.

7.2.13 – Staff Training

The 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 permittee/Contractor shall ensure that the following personnel understand the requirements of this permit 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 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:

- ☐ 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 SWPPP Attachment J.

7.2.15 –Other State, Federal, or County Permits

Include in SWPPP Attachment J any of the following permits or approvals:

- ☐ Attach the Drainage System Owner(s) Approval to Discharge, in Attachment J _____.
- ☐ 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.

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. If Yes, see Attachment E6
DPP Construction Site BMPs Inspection Checklists

☐ 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 J _____

☒ 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 J _____ for the County written determination.

☐ Provide the County contact person information (Name, Department, Phone Number, and Date Contacted): _____

☐ Other (specify): _____

☐ 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.

☐ List other permits below (No copy necessary in Attachment J)

7.2.16 –Other Information As Requested by the Director

☐ Does DOH require any additional information per Section 7.2.16? If so attach in Attachment J.

Not Applicable

7.2.17 Certification of the CWB SWPPP

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.

Signature: _____ Date: _____

Person Name: **Stanley T. Katsura**

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: **skatsura@honolulu.gov**

7.2.18 Post-Authorization Additions to the SWPPP

After the issuance of the NGPC include the following documents as part of the SWPPP in Attachment K:

a. A copy of the NOI submitted to the department along with any correspondence exchanged between CCH and DOH related to coverage under this permit;

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

Not Applicable

7.4 Required SWPPP Modifications

Modify the 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 SWPPP. This includes changes made in response to corrective actions triggered under Section 10. The permittee/Contractor does not need to modify the SWPPP if the estimated dates in Section 7.2.5. change during the course of construction;

7.4.1.2.

To reflect areas on the site map where operational control has been transferred (and the date of transfer) since initiating permit coverage;

7.4.1.3.

If inspections or investigations by site staff, or by local, state, or federal officials determine that SWPPP modifications are necessary for compliance with this permit;

7.4.1.4.

Where DOH determines it is necessary to impose additional requirements on the discharge, the following must be included in the 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 SWPPP modifications.

The permittee/Contractor shall complete required revisions to the SWPPP within 7 calendar days following the occurrence of any of the conditions listed in Section 7.4.1.

7.4.3. SWPPP modification records.

The permittee/Contractor shall maintain records showing the dates of all 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 SWPPP consistent with Section 7.4. must be certified, signed, and dated by the Certifying Person that meets the requirements in Section 15 of appendix A, chapter 11-55 or the duly authorized representative that meets the requirements of 11-55-07(b). (See Section 7.2.17)

7.4.5. Required notice to other contractors.

Upon determining that a modification to the 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 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, information as required in the NGPC, any updates to NOI information already on file with DOH, and 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. 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.

☒ CCH’s form in Attachment E3 will be used.

SWPPP Attachments

Attachment A – Contractor/Sub-Contractor Control Maps, Property Boundary Maps, State Waters and BMP Maps, and BMP Details (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

Project and State Waters Map (Outfall Locations) – A-1

Property Boundary Map – A-2

Drainage Mapping – A-3

Contractor/Sub-Contractor Control Map – A-4

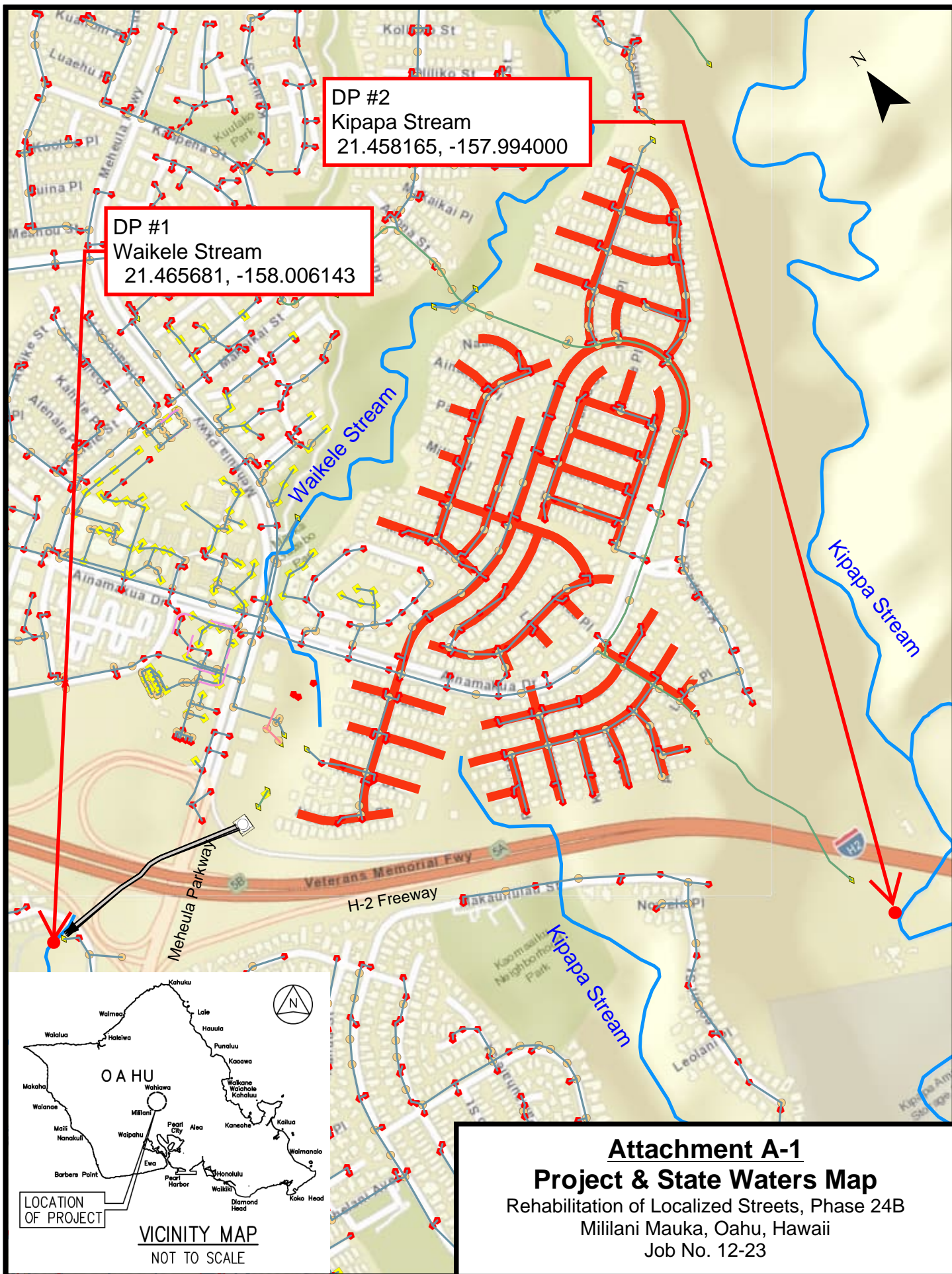
List of Equipment – A-5

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 A-1

Project & State Waters Map

Rehabilitation of Localized Streets, Phase 24B

Mililani Mauka, Oahu, Hawaii

Job No. 12-23



LEGEND:

- CATCH BASIN/DRAIN INLET FILTER
- DISTURBED AREA

NOTES:

- SEE DWG. NO. ES-1 FOR ESCP NOTES AND DETAILS.
- THIS ESCP IS FOR A TRENCHING PERMIT PROJECT.

Attachment A-2 Property Boundary Map

APPROVED:

CHIEF, CIVIL ENGINEERING BRANCH, DPP _____ DATE _____

Property Boundary

REVISION	DATE	DESCRIPTION	ENGR.	APPROVED

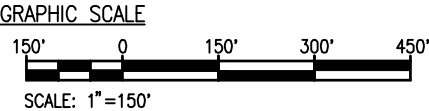
DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
CIVIL DIVISION

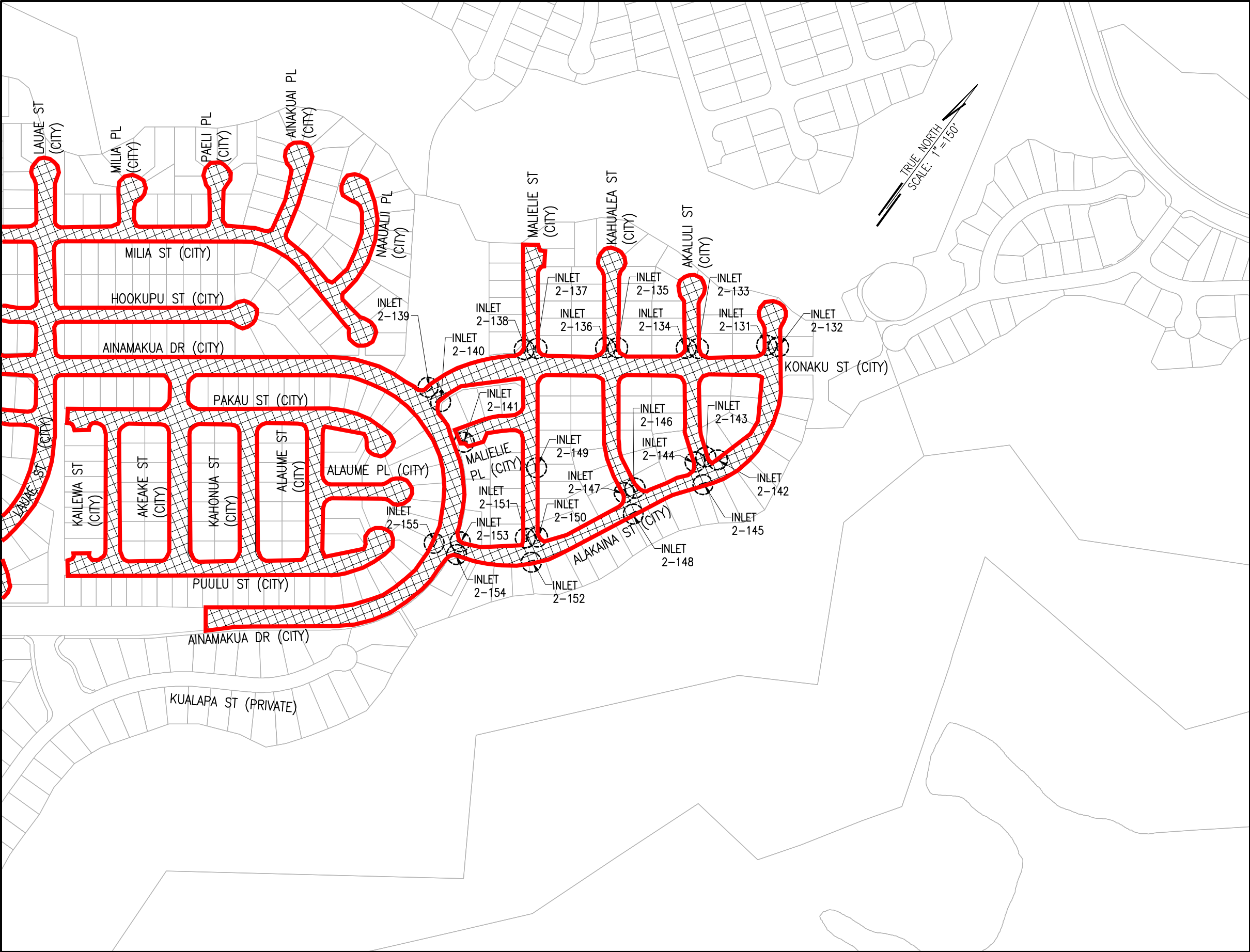
REHABILITATION OF LOCALIZED STREETS, PHASE 24B
MILILANI MAUKA

EROSION & SEDIMENT CONTROL PLAN

DESIGN: RAK	APPROVED: _____	DRAWING NO. ES-2
DRAWN: RAK	CHIEF, CIVIL DIVISION, D.D.C. _____	SHEET 6
CHECKED: DNC	DATE _____	OF 36 SHEETS
DATE: SEP 2023	JOB NO. 12-23	FILE DRAW FOLDER NUMBER

EROSION & SEDIMENT CONTROL PLAN
SCALE: 1"=200'





LEGEND:

- CATCH BASIN/DRAIN INLET FILTER
- DISTURBED AREA

NOTES:

- SEE DWG. NO. ES-1 FOR ESCP NOTES AND DETAILS.
- THIS ESCP IS FOR A TRENCHING PERMIT PROJECT.

Attachment A-2
Property Boundary Map

APPROVED:

CHIEF, CIVIL ENGINEERING BRANCH, DPP _____ DATE _____

Property Boundary

REVISION	DATE	DESCRIPTION	ENGR.	APPROVED

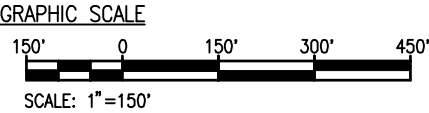
DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
CIVIL DIVISION

REHABILITATION OF LOCALIZED STREETS, PHASE 24B
MILILANI MAUKA

EROSION & SEDIMENT CONTROL PLAN

DESIGN: RAK	APPROVED:	DRAWING NO. ES-3
DRAWN: RAK	CHIEF, CIVIL DIVISION, D.D.C. _____ DATE _____	SHEET 7
CHECKED: DNC		OF 36 SHEETS
DATE: SEP 2023		
JOB NO. 12-23	FILE DRAW FOLDER	NUMBER

EROSION & SEDIMENT CONTROL PLAN
SCALE: 1"=200'



ALL PROJECTS MUST IMPLEMENT AND MAINTAIN GOOD HOUSEKEEPING PRACTICES TO ELIMINATE AND MINIMIZE POLLUTANT DISCHARGES TO THE MAXIMUM EXTENT PRACTICABLE. MANDATORY GOOD HOUSEKEEPING PRACTICES INCLUDE, BUT ARE NOT LIMITED TO:

- STREET SWEEPING AND VACUUMING. ALL POLLUTANTS DISCHARGED FROM A CONSTRUCTION SITE TO OFF-SITE AREAS MUST BE SWEEPED OR VACUUMED EACH DAY BEFORE LEAVING THE JOB SITE.
2. MATERIALS DELIVERY, STORAGE AND USE MANAGEMENT. PREVENT, REDUCE, OR ELIMINATE THE DISCHARGE OF POLLUTANTS FROM MATERIAL DELIVERY, STORAGE, AND USE TO THE STORM WATER SYSTEM OR WATERCOURSES BY MINIMIZING THE STORAGE OF HAZARDOUS MATERIALS ONSITE, STORING MATERIALS IN A DESIGNATED AREA, INSTALLING SECONDARY CONTAINMENT. CONSTRUCTION MATERIALS, WASTE, TOXIC AND HAZARD SUBSTANCES, STOCKPILES AND OTHER SOURCES OF POLLUTION SHALL NOT BE STORED IN BUFFER AREAS, NEAR AREAS OF CONCENTRATED FLOW, OR AREAS ABUTTING THE MS4, RECEIVING WATERS, OR DRAINAGE IMPROVEMENTS THAT DISCHARGE OFF-SITE. PRIMARY AND SECONDARY CONTAINMENT CONTROLS AND COVERS SHALL BE IMPLEMENTED TO THE MAXIMUM EXTENT PRACTICABLE.
3. SPILL PREVENTION AND CONTROL. PROJECTS SHALL CREATE AND IMPLEMENT SPILL PREVENTION AND RESPONSE PLANS TO ELIMINATE AND MINIMIZE THE DISCHARGE OF POLLUTANTS TO THE MS4 AND RECEIVING WATERS FROM LEAKS AND SPILLS BY REDUCING THE CHANCE FOR SPILLS, ABSORBING, CONTAINING, AND CLEANING UP SPILLS AND PROPERLY DISPOSING OF SPILL MATERIALS. AT A MINIMUM, ALL PROJECTS SHALL CLEAN UP ALL LEAKS AND SPILLS IMMEDIATELY.
4. HAZARDOUS MATERIALS. PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM HAZARDOUS WASTE THROUGH PROPER MATERIAL USE AND WASTE DISPOSAL. IN THE EVENT THAT HAZARDOUS MATERIALS ARE DISCHARGED TO THE MS4, THE PROPERTY OWNER OR ESCP COORDINATOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT OF FACILITIES MAINTENANCE, HONOLULU FIRE DEPARTMENT, AND HONOLULU POLICE DEPARTMENT OF THE DISCHARGE BY TELEPHONE. A WRITTEN REPORT DESCRIBING THE POLLUTANTS THAT WERE DISCHARGED, THE REASONS FOR THE DISCHARGE, AND THE MEASURES THAT HAVE BEEN TAKEN OR WILL BE TAKEN TO PREVENT A REOCCURRENCE OF THE DISCHARGE SHALL BE SUBMITTED TO THE DIRECTOR NO LESS THAN 3 DAYS AFTER NOTIFICATION BY PHONE.
5. NON-HAZARDOUS MATERIALS. IN THE EVENT THAT NON-HAZARDOUS MATERIALS ARE DISCHARGED TO THE MS4, THE PROPERTY OWNER OR ESCP COORDINATOR SHALL NOTIFY THE CITY DEPARTMENT OF FACILITIES MAINTENANCE BY TELEPHONE NO LATER THAN THE NEXT BUSINESS DAY. A WRITTEN REPORT DESCRIBING THE POLLUTANTS THAT WERE DISCHARGED, THE REASON FOR THE DISCHARGE, AND THE MEASURES THAT HAVE BEEN TAKEN OR WILL BE TAKEN TO PREVENT A REOCCURRENCE OF THE DISCHARGE SHALL BE SUBMITTED TO THE DIRECTOR NO LESS THAN 3 DAYS AFTER NOTIFICATION BY PHONE.
6. VEHICLE AND EQUIPMENT CLEANING. ELIMINATE AND MINIMIZE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM VEHICLE AND EQUIPMENT CLEANING OPERATIONS BY USING OFF-SITE FACILITIES WHEN FEASIBLE, WASHING IN DESIGNATED, CONTAINED AREAS ONLY, AND ELIMINATING DISCHARGES TO THE STORM DRAIN SYSTEM BY EVAPORATING AND/OR TREATING WASH WATER AS APPROPRIATE, OR INFILTRATING WASH WATER FOR EXTERIOR CLEANING ACTIVITIES THAT USE WATER ONLY.
7. VEHICLE AND EQUIPMENT FUELING. PREVENT FUEL SPILLS AND LEAKS BY USING OFF-SITE FACILITIES, FUELING ONLY IN DESIGNATED AREAS, ENCLOSING OR COVERING STORED FUEL, AND IMPLEMENTING SPILL CONTROLS SUCH AS SECONDARY CONTAINMENT AND ACTIVE MEASURES USING SPILL RESPONSE KITS.
8. VEHICLE AND EQUIPMENT MAINTENANCE. ELIMINATE AND MINIMIZE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM VEHICLE AND EQUIPMENT MAINTENANCE OPERATIONS BY USING OFF-SITE FACILITIES WHEN FEASIBLE, PERFORMING WORK IN DESIGNATED AREAS ONLY, USING SPILL PADS UNDER VEHICLES AND EQUIPMENT, CHECKING FOR LEAKS AND SPILLS, AND CONTAINING AND CLEANING UP SPILLS IMMEDIATELY.
9. SOLID WASTE MANAGEMENT. PREVENT OR REDUCE DISCHARGE OF POLLUTANTS TO THE LAND, GROUNDWATER, AND IN STORM WATER FROM SOLID WASTE OR CONSTRUCTION AND DEMOLITION WASTE BY PROVIDING DESIGNATED WASTE COLLECTION AREAS, COLLECT SITE TRASH DAILY, AND ENSURING THAT CONSTRUCTION WASTE IS COLLECTED, REMOVED, AND DISPOSED OF ONLY AT AUTHORIZED DISPOSAL AREAS.
10. SANITARY/SEPTIC WASTE MANAGEMENT. TEMPORARY AND PORTABLE SANITARY AND SEPTIC WASTE SYSTEMS SHALL BE MOUNTED OR STAKED IN, WELL-MAINTAINED, AND SCHEDULED FOR REGULAR WASTE DISPOSAL AND SERVICING. SOURCES OF SANITARY AND/OR SEPTIC WASTE SHALL NOT BE STORED NEAR THE MS4 OR RECEIVING WATERS.
11. STOCKPILE MANAGEMENT. STOCKPILES SHALL NOT BE LOCATED IN DRAINAGE WAYS, WITHIN 50 FEET FROM AREAS OF CONCENTRATED FLOWS, AND ARE NOT ALLOWED IN THE CITY RIGHT-OF-WAY. SEDIMENT BARRIERS OR SILT FENCES SHALL BE USED AROUND THE BASE OF ALL STOCKPILES. STOCKPILES SHALL NOT EXCEED 15 FEET IN HEIGHT. STOCKPILES GREATER THAN 15 FEET IN HEIGHT SHALL REQUIRE 8 FOOT WIDE BENCHING IN ACCORDANCE WITH ROH CHAPTER 18A, ARTICLE 3. STOCKPILES MUST BE COVERED WITH PLASTIC SHEETING OR A COMPARABLE MATERIAL IF THEY WILL NOT BE ACTIVELY USED WITHIN 7 DAYS.
12. LIQUID WASTE MANAGEMENT. LIQUID WASTE SHALL BE CONTAINED IN A CONTROLLED AREA SUCH AS A HOLDING PIT, SEDIMENT BASIN, ROLL-OFF BIN, OR PORTABLE TANK OF SUFFICIENT VOLUME AND TO CONTAIN THE LIQUID WASTES GENERATED. CONTAINMENT AREAS OR DEVICES MUST BE IMPERMEABLE AND LEAK FREE AND SHOULD NOT BE LOCATED WHERE ACCIDENTAL RELEASE OF THE CONTAINED LIQUID CAN DISCHARGE TO WATER BODIES, CHANNELS, OR STORM DRAINS.
13. CONTAMINATED SOIL MANAGEMENT. AT MINIMUM CONTAIN CONTAMINATED MATERIAL SOIL BY SURROUNDING WITH IMPERMEABLE LINED BERMS OR COVER EXPOSED CONTAMINATED MATERIAL WITH PLASTIC SHEETING. CONTAMINATED SOIL SHOULD BE DISPOSED OF PROPERLY IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

14. CONCRETE WASTE MANAGEMENT. PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM CONCRETE WASTE BY CONDUCTING WASHOUT OFFSITE OR PERFORMING ONSITE WASHOUT IN A DESIGNATED AREA CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MILLIMETER POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL. CONTAINMENT AREAS OR DEVICES SHOULD NOT BE LOCATED WHERE ACCIDENTAL RELEASE OF THE CONTAINED LIQUID CAN DISCHARGE TO WATER BODIES, CHANNELS, OR STORM DRAINS. WASHOUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75 PERCENT FULL. ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF AS SOLID WASTE.

15. DUST CONTROL SHALL BE APPLIED TO REDUCE DUST EMISSIONS. THE CONTRACTOR, AT THEIR OWN EXPENSE, SHALL KEEP THE PROJECT AREA AND SURROUNDING AREA FREE FROM DUST NUISANCE. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION CONTROL STANDARDS IN HAWAII ADMINISTRATIVE RULES: TITLE 11, CHAPTER 60.1, "AIR POLLUTION CONTROL".

1. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES IN THE CITY AND COUNTY OF HONOLULU'S "RULES RELATING TO WATER QUALITY".
2. THE PERSON RESPONSIBLE FOR IMPLEMENTING THE ESCP AT THE PROJECT SITE ("ESCP COORDINATOR") MUST BE DESIGNATED PRIOR TO PERMIT ISSUANCE USING THE FORM PROVIDED AS APPENDIX A TO THE RULES RELATING TO WATER QUALITY.
3. MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY CONSTRUCTION IS INITIATED.
4. REGULARLY INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROLS TO ENSURE CONTINUED PERFORMANCE.
5. PERMANENT STABILIZATION

ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED USING VEGETATIVE COVERING, PAVEMENT, OR EQUIVALENT, PRIOR TO REMOVING EROSION AND SEDIMENT MEASURES. TRAPPED SEDIMENT AND AREAS OF DISTURBED SOIL WHICH RESULT FROM THE REMOVAL OF THE TEMPORARY MEASURES SHALL BE IMMEDIATELY AND PERMANENTLY STABILIZED.

8. INLET PROTECTION.
 - ALL STORM DRAIN INLETS ONSITE AND THOSE OFFSITE WHICH MAY RECEIVE RUNOFF FROM THE SITE SHALL USE AN INLET PROTECTION DEVICE UNLESS THEY ARE DIRECTED TO A SEDIMENT BASIN.
 - SEDIMENT LEVELS MAY NOT EXCEED ONE THIRD OF THE HEIGHT OF A SEDIMENT BARRIER OR INLET PROTECTION DEVICE AT ANY POINT ALONG THE LENGTH OF THE SEDIMENT BARRIER OR THE INLET PROTECTION DEVICE.
 - SEDIMENT BARRIERS AND INLET PROTECTION DEVICES MUST BE UNCLOGGED AND CLEANED WHEN PERFORMANCE IS COMPROMISED.
 - TORN, WEATHERED, OR SAGGING SEDIMENT BARRIERS OR INLET PROTECTION DEVICES MUST BE REPAIRED OR REPLACED IMMEDIATELY.
8. TRACKING CONTROL
 - MINIMIZE SEDIMENT TRACK-OUT ONTO THE OFF-SITE STREETS, OTHER PAVED AREAS, AND SIDEWALKS FROM VEHICLES EXITING THE CONSTRUCTION SITE BY RESTRICTING VEHICLE TRAFFIC TO PROPERLY DESIGNATED AREAS AND USING ADDITIONAL CONTROLS TO REMOVE SEDIMENT FROM VEHICLE TIRES PRIOR TO EXITING THE SITE.
 - VEHICULAR PARKING AND MOVEMENTS ON PROJECT SITES MUST BE CONFINED TO PAVED SURFACES OR PREDEFINED PARKING AREAS AND VEHICLE PATHS, WHICH SHALL BE MARKED WITH FLAGS OR BOUNDARY FENCING.
 - ALL POLLUTANTS AND MATERIALS THAT ARE DROPPED, WASHED, TRACKED, SPILLED OR OTHERWISE DISCHARGED FROM A PROJECT SITE TO OFF-SITE STREETS, OTHER PAVED AREAS, SIDEWALKS OR THE MS4 MUST BE CLEANED USING DRY METHODS SUCH AS SWEEPING OR VACUUMING.
 - WASHING POLLUTANTS AND MATERIALS THAT ARE DISCHARGED FROM THE PROJECT SITE TO THE MS4 INTO DRAIN INLETS OR CATCH BASINS IS PROHIBITED UNLESS THE MATERIAL IS SEDIMENT AND THE INLETS ARE DIRECTED TO A SEDIMENT BASIN OR SEDIMENT TRAP.
9. BEST MANAGEMENT PRACTICES (BMPs) SHALL NOT BE REMOVED UNTIL FINAL STABILIZATION IS COMPLETE FOR EACH PHASE.
10. PERIMETER CONTROLS ARE REQUIRED DOWNSLOPE OF EQUIPMENT/VEHICLE STAGING AREAS AT THE END OF EACH BUSINESS DAY AND AROUND MATERIAL STOCKPILES THAT ARE NOT ACTIVELY BEING USED. STOCKPILES ARE NOT ALLOWED IN THE CITY RIGHT-OF-WAY.
11. CONTRACTOR SHALL EMPLOY BEST MANAGEMENT PRACTICES AT ALL TIMES DURING CONSTRUCTION WITH THE USE OF "SEDIMENT CONTROL FILTERS" AT CATCH BASINS/DRAIN INLETS.
12. REFER TO CITY AND COUNTY OF HONOLULU STORM WATER BEST MANAGEMENT PRACTICES MANUAL – CONSTRUCTION, FOR MORE INFORMATION ON BMPs.

13. FLUSHING INTO CATCH BASINS/DRAIN INLETS IS PROHIBITED.
14. FOR THE PROTECTION OF PUBLIC HEALTH AND SAFETY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING LOCAL WEATHER REPORTS FOR FORECASTED AND/OR ANTICIPATED SEVERE STORM EVENTS. THE CONTRACTOR SHALL PREPARE THE CONSTRUCTION WORK SITE AS NECESSARY TO PREVENT FLOODING ON THE ROADWAY, OR DAMAGE TO THE PROJECT OR SURROUNDING PROPERTIES.
15. ALL MOBILIZED EQUIPMENT SHALL BE REMOVED POST CONSTRUCTION.

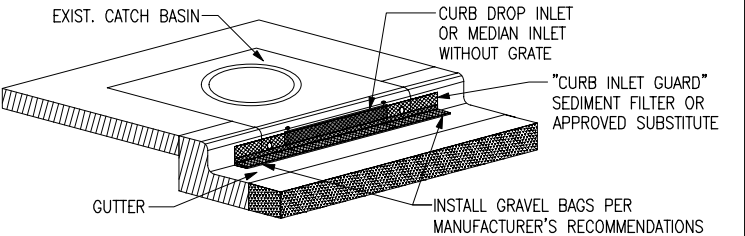
PROJECT SEQUENCE:

1. INSTALL INLET PROTECTION AT EXISTING CATCH BASINS/DRAIN INLETS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AS PER THE EROSION CONTROL PREVENTION, SEDIMENT CONTROL AND GOOD HOUSEKEEPING BMP NOTES.
2. INSTALL PERIMETER CONTROLS AROUND STAGING AREAS AND MATERIAL STOCKPILES AS NEEDED.
3. PROCEED WITH CONSTRUCTION WITH LEAST POSSIBLE DISTURBANCE OF VEGETATIVE AREAS AND TEMPORARY STRUCTURES.
4. REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER FULL ESTABLISHMENT OF PERMANENT VEGETATIVE COVER OR PERMANENT PAVEMENT STRUCTURE HAS BEEN INSTALLED.
5. PRACTICE GOOD HOUSEKEEPING MEASURES THROUGHOUT THE DURATION OF CONSTRUCTION.
6. INSPECTIONS WILL BE PERFORMED WEEKLY.

THE FOLLOWING WILL BE PERFORMED WHEN HEAVY RAINS, TROPICAL STORM OR HURRICANE IS IMMINENT OR IS FORECASTED IN THE NEXT 48 HOURS:

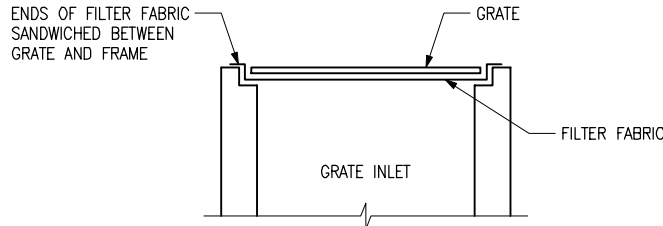
1. TEMPORARY SUSPENSION OF ACTIVE TRENCHING OR COLD PLANING ACTIVITIES.
2. INSPECT ALL INLET PROTECTION DEVICES AND MAINTAIN AS NEEDED. IF A SEVERE STORM IS EXPECTED, REMOVE INLET PROTECTION DEVICES TO PREVENT FLOODING ON SURROUNDING STREETS.
3. COVER OR RELOCATE MATERIAL STOCKPILES AND LIQUID MATERIAL CONTAINERS TO AVOID CONTACT WITH RAINWATER.
4. PLACE SPILL PANS OR OIL-ONLY SPILL PADS UNDER CONSTRUCTION VEHICLES TO PREVENT RUNOFF FROM CONTACTING ANY SPILLED PETROLEUM PRODUCTS. PROPERLY DISPOSE OF ANY ACCUMULATED OILY WATER AFTER THE RAIN EVENT.
5. RE-INSPECT AFTER THE APPROACHING HEAVY RAINS, TROPICAL STORM OR HURRICANE AND REPLACE OR MAINTAIN BMPs AS NEEDED.

1. DEWATERING OPERATIONS ARE NOT PART OF THE PROJECT SCOPE; BEST MANAGEMENT PRACTICES FOR DEWATERING OPERATIONS ARE NOT REQUIRED, AS NO GROUNDWATER IS ANTICIPATED.



"CURB INLET GUARD" IS MANUFACTURED BY ERTEC ENVIRONMENTAL SYSTEMS.

NOT TO SCALE



NOT TO SCALE

1. ALL STORM DRAIN INLETS ONSITE AND THOSE OFFSITE WHICH MAY RECEIVE RUNOFF FROM THE SITE SHALL USE AN INLET PROTECTION DEVICE UNLESS THEY ARE DIRECTED TO A SEDIMENT BASIN.
2. SEDIMENT LEVELS MAY NOT EXCEED ONE THIRD OF THE HEIGHT OF A SEDIMENT OR AN INLET PROTECTION DEVICE AT ANY POINT ALONG THE LENGTH OF THE SEDIMENT BARRIER OR THE INLET PROTECTION DEVICE.
3. SEDIMENT BARRIERS AND INLET PROTECTION DEVICES MUST BE UNCLOGGED AND CLEANED WHEN PERFORMANCE IS COMPROMISED.
4. TORN, WEATHERED OR SAGGING SEDIMENT BARRIERS OR INLET PROTECTION DEVICES MUST BE REPAIRED OR REPLACED IMMEDIATELY.

DIRECTOR, DEPARTMENT OF PLANNING & PERMITTING
(FOR COMPLIANCE WITH WATER QUALITY RULES ONLY)

CHIEF, CIVIL ENGINEERING BRANCH, DPP DATE

REVISION	DATE	DESCRIPTION	ENGR.	APPROVED
DEPARTMENT OF DESIGN AND CONSTRUCTION CITY AND COUNTY OF HONOLULU CIVIL DIVISION				
REHABILITATION OF LOCALIZED STREETS, PHASE 24B MILILANI MAUKA				
EROSION & SEDIMENT CONTROL PLAN NOTES AND DETAILS				
DESIGN: RAK	APPROVED: _____ CHIEF, CIVIL DIVISION, D.O.C. DATE		DRAWING NO. ES-1	
SHEET 5				
OF 36 SHEETS				
CHECKED: DNC				
DATE: SEP 2023				
JOB NO. 12-23	FILE	DRAW	FOLDER	NUMBER

Attachment A-7
Site Specific BMP Plan

LEGEND:

- CATCH BASIN/DRAIN INLET FILTER
- DISTURBED AREA

NOTES:

- SEE DWG. NO. ES-1 FOR ESCP NOTES AND DETAILS.
- THIS ESCP IS FOR A TRENCHING PERMIT PROJECT.

APPROVED:

CHIEF, CIVIL ENGINEERING BRANCH, DPP _____ DATE _____

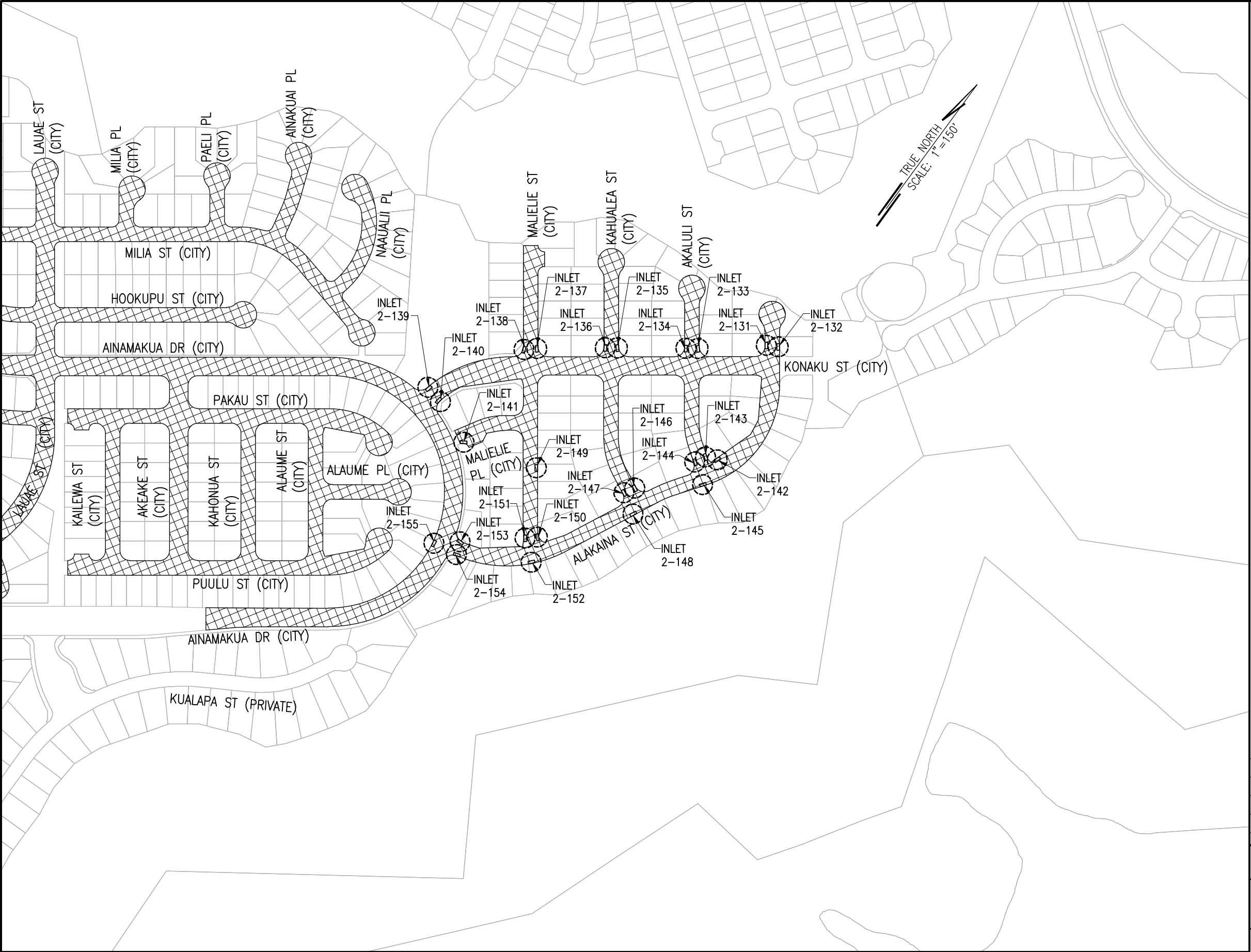
REVISION	DATE	DESCRIPTION	ENGR.	APPROVED

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
CIVIL DIVISION

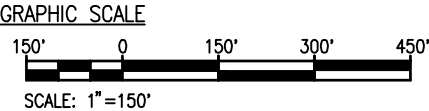
REHABILITATION OF LOCALIZED STREETS, PHASE 24B
MILILANI MAUKA

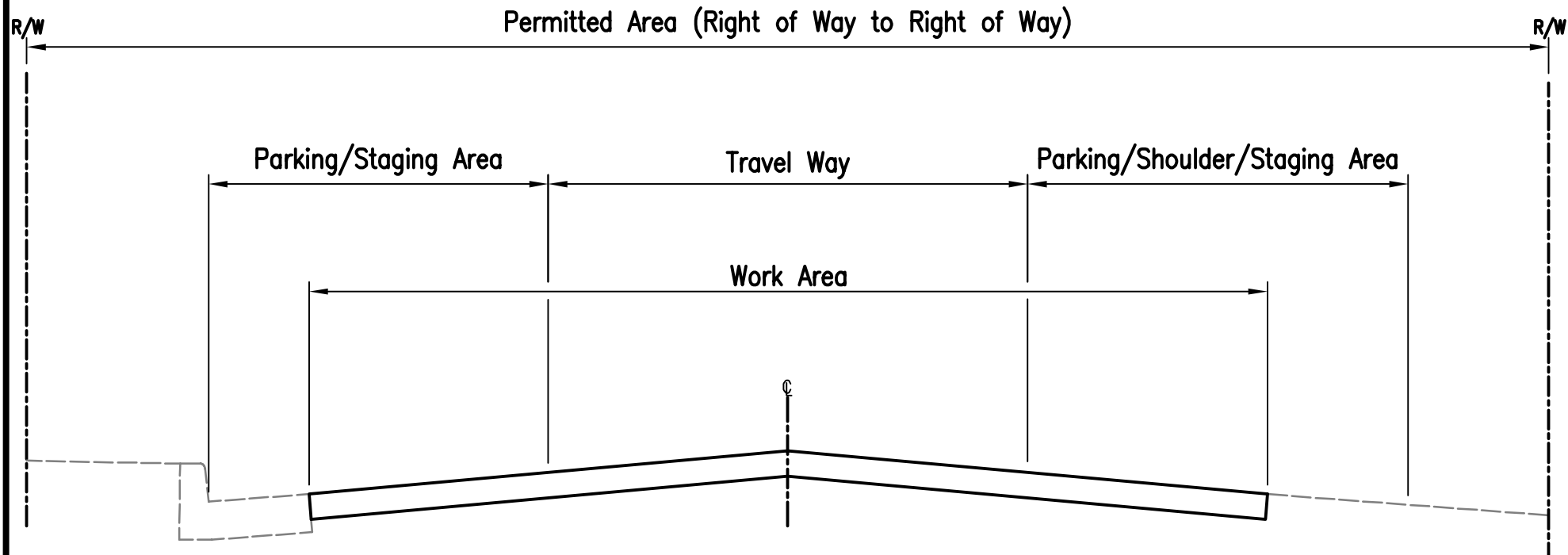
EROSION & SEDIMENT CONTROL PLAN

DESIGN: RAK	APPROVED:	DRAWING NO. ES-3
DRAWN: RAK		SHEET 7
CHECKED: DNC	CHIEF, CIVIL DIVISION, D.D.C. _____ DATE _____	OF 36 SHEETS
DATE: SEP 2023		
JOB NO. 12-23	FILE DRAW FOLDER	NUMBER



EROSION & SEDIMENT CONTROL PLAN
SCALE: 1"=200'





Note:
Contractor to install appropriate
BMPs at the staging areas as
required.

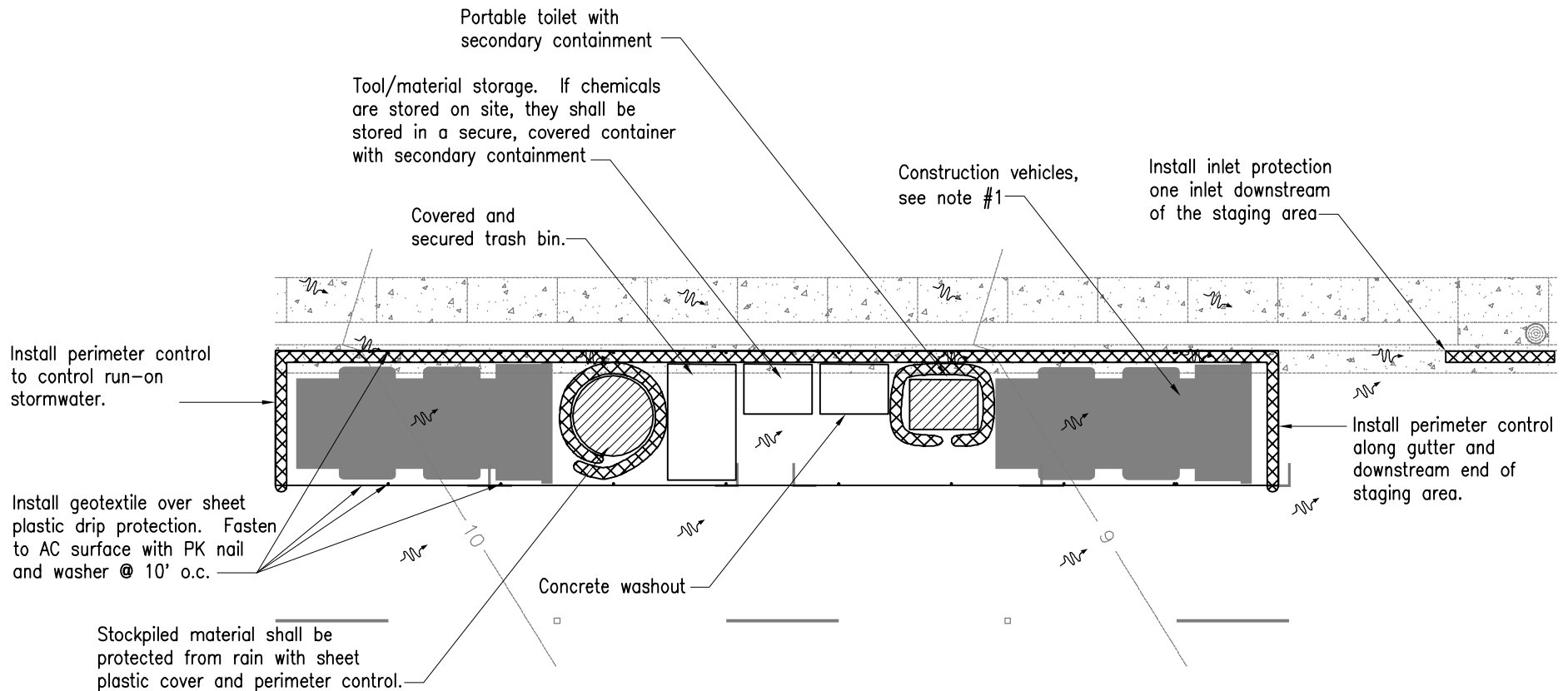
TYPICAL SECTIONS PERMITTED AREA

NOT TO SCALE

Attachment A-8

Staging Area Details

Rehabilitation of Localized Streets, Phase 24B
Mililani Mauka, Oahu, Hawaii
Job No. 12-23



Notes:

1. All potential leak points from construction equipment shall have drip protection installed or vehicle must be parked entirely within geotextile/sheet plastic staging area boundaries.
2. Remove/install perimeter control to allow construction vehicles to drive on/off the staging area.
3. Size and number of staging areas to be determined by contractor's means and methods.

ON STREET STAGING AREA

NTS

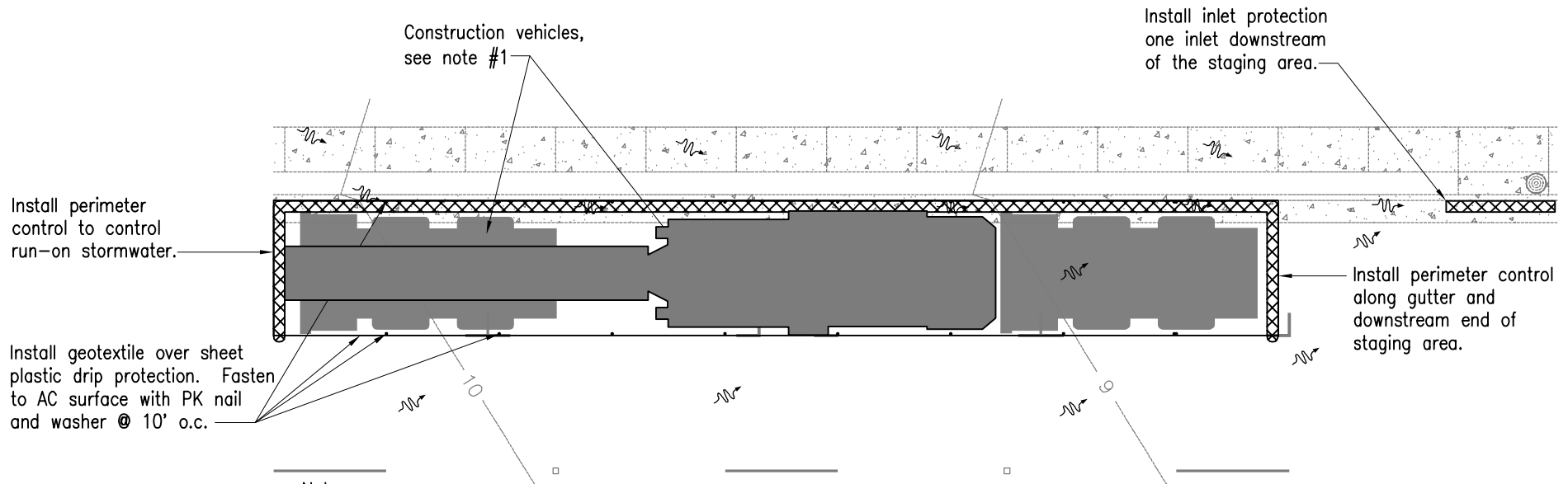
Attachment A-8

Staging Area Details

Rehabilitation of Localized Streets, Phase 24B

Mililani Mauka, Oahu, Hawaii

Job No. 12-23



Notes:

1. All potential leak points from construction equipment shall have drip protection installed or vehicle must be parked entirely within geotextile/sheet plastic staging area boundaries.
2. Remove/install perimeter control to allow construction vehicles to drive on/off the staging area.
3. Size and number of staging areas to be determined by contractor's means and methods.

ON STREET STAGING AREA FOR CONSTRUCTION VEHICLES

NTS

Attachment A-8

Staging Area Details

Rehabilitation of Localized Streets, Phase 24B

Mililani Mauka, Oahu, Hawaii

Job No. 12-23

Attachment B – CCH SWPPP Training Log (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: Rehabilitation of Localized Streets Phase 24B
Project Location: Mililani Mauka, Oahu, Hawaii
Instructor's Name(s):
Instructor's Title(s):

Course Location: _____ **Date:** _____

Course Length (hours): _____

Stormwater Training Topic: (check as appropriate)

- | | |
|--|---|
| <input type="checkbox"/> Erosion Control BMPs | <input type="checkbox"/> Emergency Procedures |
| <input type="checkbox"/> Sediment Control BMPs | <input type="checkbox"/> Good Housekeeping BMPs |
| <input type="checkbox"/> Non-Stormwater BMPs | |

Specific Training Objective: _____

Attendee Roster:

No.	Name of Attendee	Company
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Add rows as needed

Attachment C - Construction Schedule (SWPPP Section 7.2.5)

CONSTRUCTION SCHEDULE

[Include CPM]

Date when the 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. These BMPs meet Section 5.1.1.3.1 as the inlets protected and the perimeter control BMPs are downstream of the paving work. 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

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 (SWPPP Section 7.2.4)

SUBCONTRACTOR CERTIFICATION

NGPC File No: HIXXXXXXX

Project Title: Rehabilitation of Localized Streets Phase 24B

Operator(s): _____

As a subcontractor, you are required to comply with the Storm Water Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the 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 SWPPP. A copy of the 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 SWPPP for the above designated project and agree to follow the BMPs and practices described in the SWPPP.

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

Company: _____

Address: _____

Telephone Number: _____

Type of construction service to be provided: _____

Signature: _____

Title: _____

Date: _____

Attach copies, retain originals on-site.

Attachment E1 – SWPPP Inspection Report Form (SWPPP Section 7.2.12) Rev. 1/28/2015

(See Next Page)

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

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Project No.

Date

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

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: _____

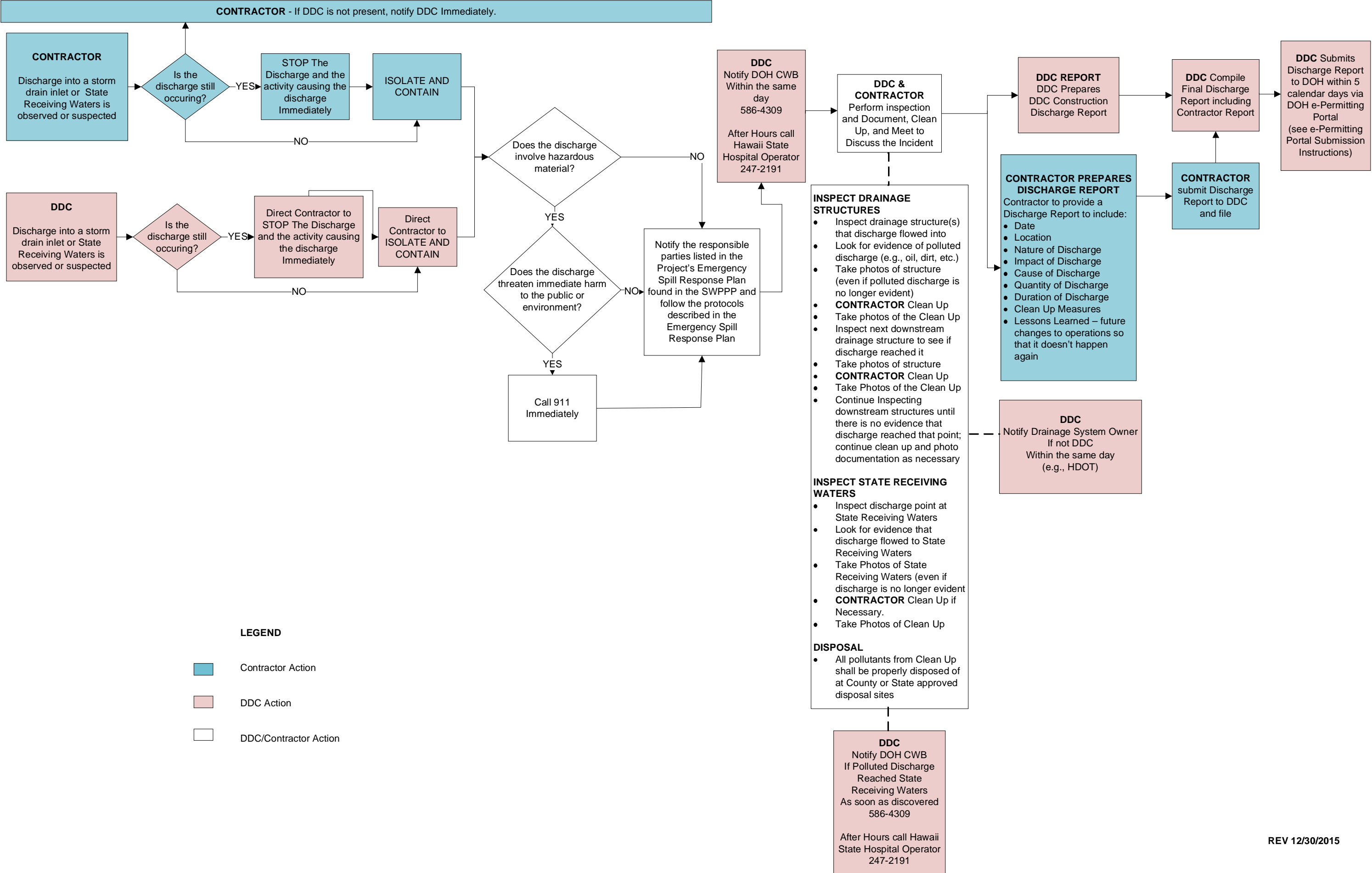
Fax: _____

Email: _____

Attachment E2 – 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)

CITY AND COUNTY OF HONOLULU DEPARTMENT OF DESIGN AND CONSTRUCTION
CIVIL DIVISION
DISCHARGE RESPONSE FLOW CHART



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

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

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: _____
-------	--------------

LOCATION MAP

PROJECT NO.: _____ DOH FILE NO.: _____
PROJECT NAME: _____
PROJECT LOCATION: _____
DESCRIPTION: _____

PHOTOS

PHOTOS TAKEN BY: _____
PROJECT NO.: _____ DOH FILE NO.: _____
PROJECT: _____

Attachment E3 – 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*

☐ *Changes to the information on file with DOH*

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 Hawaii Administrative Rules 11-55, Appendix A, Section 15. 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.

MONTHLY COMPLIANCE REPORT

Reporting Month/Year: _____

Project Name: _____

Location/Address: _____

DOH NGPC File No.: _____

County/Island: _____

Construction Start Date: _____

Project No.: _____

Acreage Disturbed (acres): _____

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

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 E5 – Construction Site BMPs Inspection Checklist For NPDES Permitted Construction Projects

Appendix D



City and County of Honolulu

**Construction Site BMPs Inspection Checklist
For NPDES Permitted Construction Projects**
Projects subject to both DPP and State NPDES permit requirements

General Information								
Project Name: _____			Date: _____					
ESCP Coordinator: _____		Phone #: _____		Email: _____				
Location: _____			TMK ¹ : _____					
Project Manager: _____		Phone #: _____		Email: _____				
Authorized Representative: _____			Title: _____					
Contractor: _____		Phone #: _____		Email: _____				
Authorized Representative: _____			Title: _____					
1. City Permit (check all that apply)	<input type="checkbox"/> Building #:	_____	Exp. Date:	_____	<input type="checkbox"/> Grading #:	_____	Exp. Date:	_____
	<input type="checkbox"/> Grubbing #:	_____	Exp. Date:	_____	<input type="checkbox"/> Stockpiling #:	_____	Exp. Date:	_____
2. NPDES General / Individual Permit (check all that apply)	<input type="checkbox"/> Construction #:	_____	Exp. Date:	_____	Authorized Rep:	_____	Title:	_____
	<input type="checkbox"/> Hydrotesting #:	_____	Exp. Date:	_____	Authorized Rep:	_____	Title:	_____
	<input type="checkbox"/> Dewatering #:	_____	Exp. Date:	_____	Authorized Rep:	_____	Title:	_____
	<input type="checkbox"/> Individual #:	_____	Exp. Date:	_____	Authorized Rep:	_____	Title:	_____
3. Other Permits (list all): _____								
Inspection Type								
<input type="checkbox"/> Pre-Construction Inspection			<input type="checkbox"/> Regular Weekly Inspection			<input type="checkbox"/> Re-Inspection		
<input type="checkbox"/> Storm Event Report ² :			Weather Station Address / Location of Onsite Rain Gauge: _____			Inches of Rain in the last 24 hrs: _____		

¹ Add additional rows or attach sheets with additional TMKs.

² NPDES General Construction Permit: required when project discharges to an impaired water and when > 0.25 inch rainfall event occurs; or
NPDES Individual Permit: check your specific permit but typically required when >0.5 inch rainfall event occurs.

Appendix D

Project Phase (check all that apply)			
<input type="checkbox"/> Mobilization / Demolition	<input type="checkbox"/> Grubbing / Clearing	<input type="checkbox"/> Rough Grading	<input type="checkbox"/> Infrastructure / Utilities
<input type="checkbox"/> Building Construction	<input type="checkbox"/> Final Grading	<input type="checkbox"/> Final Stabilization	

Description of Active Construction (Describe the active construction activities observed during the inspection)

Records Review (If "No" is checked for any of the following columns, complete Deficiencies / Corrective Action Report on page 5.)						
	Available at Site			Complete, Signed, and Current		
Pre-Construction Inspection	<input type="checkbox"/> Yes	<input type="checkbox"/> No		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Monthly Compliance Reports	<input type="checkbox"/> Yes	<input type="checkbox"/> No		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Corrective Action Reports	<input type="checkbox"/> Yes	<input type="checkbox"/> No		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Weekly Construction Inspections	<input type="checkbox"/> Yes	<input type="checkbox"/> No		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Sequence of Events / Schedule	<input type="checkbox"/> Yes	<input type="checkbox"/> No		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Erosion and Sediment Control Plan (ESCP) and / or Storm Water Pollution Prevention Plan (SWPPP)	<input type="checkbox"/> Yes	<input type="checkbox"/> No		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Training Logs	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Rain Gauge Logs	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
NPDES Permit Listed above (Notice of Intent (NOI) and Notice of General Permit / Individual Permit Coverage)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA
Receiving Water Inspection Report (for Individual NPDES Permitted Projects)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA

BMP Measures Inspected (Describe the BMPs that were inspected.)

Appendix D

Construction BMP Inspection Results (Check the boxes on the left to indicate which BMPs were inspected and the boxes on the right for inspection results)				
Construction BMP	Deficiencies?		# of Deficiencies	Comments (include # of deficiencies)
Erosion Prevention				
<input type="checkbox"/> Project Planning and Design	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Project Scheduling	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Slope Management and Protection (hydroseeding, hydraulic mulch, geotextiles and mats)	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Temporary Stabilization (hydroseeding, hydraulic mulch, geotextiles and mats)	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Permanent Stabilization (vegetative cover, mulching, or pavement)	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Diversion BMPs to divert runoff from upstream areas around disturbed areas of the site	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Velocity Dissipation Devices	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Preserving Existing Vegetation	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Minimize Soil Compaction (in areas where infiltration practices will be installed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Other (terracing, slope drain, etc.): _____	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
Sediment Control				
<input type="checkbox"/> Inlet Protection	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Perimeter Control	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Buffer Zone (required on projects ≤ 50 ft from State waters)	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Sediment Basin or Sediment traps	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Other (filter berms, etc.): _____	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
Good Housekeeping				
<input type="checkbox"/> BMP and Site Maintenance	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Dust Control	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Material Delivery, Storage, and Use	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Stockpiling Management	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Spill Prevention and Control	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Solid Waste Management	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Hazardous Waste Management	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Contaminated Soil Management	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<input type="checkbox"/> Concrete Waste Management	<input type="checkbox"/> Yes	<input type="checkbox"/> No		

Appendix D

Construction BMP Inspection Results (Check the boxes on the left to indicate which BMPs were inspected and the boxes on the right for inspection results)				
Construction BMP	Deficiencies?	# of Deficiencies	Comments (include # of deficiencies)	
Good Housekeeping (continued)				
<input type="checkbox"/> Sanitary/ Septic Waste Management	<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Liquid Waste Management	<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Vehicle and Equipment Cleaning	<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Vehicle and Equipment Fueling	<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Vehicle and Equipment Maintenance	<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Vehicle Tracking	<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Stabilized Construction Entrance and Exit	<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Dewatering Practices	<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> Other: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No			

Inspector Certification Statement		
<p>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.</p>		
_____	_____	_____
ESCP Coordinator Name	Signature	Date

Owner / Developer Certification Statement		
<p>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.</p>		
_____	_____	_____
Printed Name of Authorized Representative	Signature	Date

Appendix D

Deficiencies / Corrective Action Reports (attach additional pages as needed)	
<div style="display: flex; justify-content: space-between;"> <div>Taken By: _____</div> <div>Date: <input type="text"/></div> </div> <div style="margin-top: 5px;">Description: _____</div> <div style="margin-top: 10px;">Comments: _____</div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>Status: _____</div> <div>Priority: _____</div> </div>	<div style="display: flex; justify-content: space-between;"> <div>Taken By: _____</div> <div>Date: <input type="text"/></div> </div> <div style="margin-top: 5px;">Description: _____</div> <div style="margin-top: 10px;">Comments: _____</div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>Status: _____</div> <div>Priority: _____</div> </div>
<div style="display: flex; justify-content: space-between;"> <div>Corrected by (initials) _____</div> <div>Date: <input type="text"/></div> </div> <div style="margin-top: 5px;">Comments: _____</div>	<div style="display: flex; justify-content: space-between;"> <div>Corrected by (initials) _____</div> <div>Date: <input type="text"/></div> </div> <div style="margin-top: 5px;">Comments: _____</div>

Attachment E6 – Construction Site BMPs Inspection Checklist For CCH Category 1A, 1B, 2, 3, and 4 and Trenching Projects

Appendix C



City and County of Honolulu

**Construction Site BMPs Inspection Checklist
For CCH Category 1A, 1B, 2, 3, and 4 and Trenching Projects**

General Information				
Project Name: _____		Date: _____		
ESCP Coordinator: _____		Phone #: _____	Email: _____	
Location: _____		TMK: _____ - _____ - _____		
Owner/Authorized Agent: _____		Phone #: _____	Email: _____	
Contractor: _____		Phone #: _____	Email: _____	
1. City Permit	<input type="checkbox"/> Building #:	Exp. Date: _____	<input type="checkbox"/> Grading #:	
(check all that apply)	<input type="checkbox"/> Grubbing #:	Exp. Date: _____	<input type="checkbox"/> Stockpiling #:	
	<input type="checkbox"/> Trenching #:	Exp. Date: _____		
2. Other Permits (list all): _____				
Inspection Type				
<input type="checkbox"/> Pre-construction inspection <input type="checkbox"/> Regular Monthly Inspection (Category 1A, 1B, 2) <input type="checkbox"/> Regular Weekly Inspection (Category 3, 4, Trenching) <input type="checkbox"/> Re-inspection				
Project Phase (check all that apply)				
<input type="checkbox"/> Mobilization / Demolition	<input type="checkbox"/> Grubbing / Clearing	<input type="checkbox"/> Rough Grading	<input type="checkbox"/> Infrastructure / Utilities	
<input type="checkbox"/> Building Construction	<input type="checkbox"/> Final Grading	<input type="checkbox"/> Final Stabilization		
Records Review (If "No" is checked for any of the following columns, complete Deficiencies / Corrective Action Report on page 3.)				
	Available at Site		Complete, Signed, and Current	
Pre-Construction Inspection	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Weekly or Monthly Construction Inspections	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Erosion and Sediment Control Plan (ESCP)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

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Appendix C

Construction BMP Inspection Results (Mark the BMPs that are required per Plan for each column)											
Construction BMP	Installed / Maintained		Number of Deficiencies	Construction BMP	Installed / Maintained		Number of Deficiencies	Construction BMP	Installed / Maintained		Number of Deficiencies
Erosion Prevention				Sediment Control				Good Housekeeping			
<input type="checkbox"/> Project Planning and Design	<input type="checkbox"/> Y	<input type="checkbox"/> N		<input type="checkbox"/> Inlet and Storm Drain Protection	<input type="checkbox"/> Y	<input type="checkbox"/> N		<input type="checkbox"/> BMP and Site Maintenance	<input type="checkbox"/> Y	<input type="checkbox"/> N	
<input type="checkbox"/> Project Scheduling	<input type="checkbox"/> Y	<input type="checkbox"/> N		<input type="checkbox"/> Perimeter Control	<input type="checkbox"/> Y	<input type="checkbox"/> N		<input type="checkbox"/> Dust Control	<input type="checkbox"/> Y	<input type="checkbox"/> N	
<input type="checkbox"/> Slope Management and Protection	<input type="checkbox"/> Y	<input type="checkbox"/> N		<input type="checkbox"/> Other:	<input type="checkbox"/> Y	<input type="checkbox"/> N		<input type="checkbox"/> Material Delivery, Storage, and Use BMPs	<input type="checkbox"/> Y	<input type="checkbox"/> N	
<input type="checkbox"/> Temporary Stabilization	<input type="checkbox"/> Y	<input type="checkbox"/> N						<input type="checkbox"/> Stockpiling Management	<input type="checkbox"/> Y	<input type="checkbox"/> N	
<input type="checkbox"/> Permanent Stabilization	<input type="checkbox"/> Y	<input type="checkbox"/> N						<input type="checkbox"/> Spill Prevention and Control	<input type="checkbox"/> Y	<input type="checkbox"/> N	
<input type="checkbox"/> Diversion BMPs to divert runoff from upstream areas around disturbed areas	<input type="checkbox"/> Y	<input type="checkbox"/> N						<input type="checkbox"/> Solid Waste Management	<input type="checkbox"/> Y	<input type="checkbox"/> N	
<input type="checkbox"/> Velocity Dissipation Devices	<input type="checkbox"/> Y	<input type="checkbox"/> N						<input type="checkbox"/> Hazardous Waste Management	<input type="checkbox"/> Y	<input type="checkbox"/> N	
<input type="checkbox"/> Other:	<input type="checkbox"/> Y	<input type="checkbox"/> N						<input type="checkbox"/> Contaminated Soil Management	<input type="checkbox"/> Y	<input type="checkbox"/> N	
								<input type="checkbox"/> Concrete Waste Management	<input type="checkbox"/> Y	<input type="checkbox"/> N	
								<input type="checkbox"/> Sanitary / Septic Waste Management	<input type="checkbox"/> Y	<input type="checkbox"/> N	
								<input type="checkbox"/> Liquid Waste Management	<input type="checkbox"/> Y	<input type="checkbox"/> N	
								<input type="checkbox"/> Vehicle & Equipment Cleaning	<input type="checkbox"/> Y	<input type="checkbox"/> N	
								<input type="checkbox"/> Vehicle & Equipment Fueling	<input type="checkbox"/> Y	<input type="checkbox"/> N	
								<input type="checkbox"/> Vehicle & Equipment Maintenance	<input type="checkbox"/> Y	<input type="checkbox"/> N	
								<input type="checkbox"/> Vehicle Tracking Control	<input type="checkbox"/> Y	<input type="checkbox"/> N	
								<input type="checkbox"/> Stabilized Construction Entrance and Exit	<input type="checkbox"/> Y	<input type="checkbox"/> N	
								<input type="checkbox"/> Dewatering Operations BMPs.	<input type="checkbox"/> Y	<input type="checkbox"/> N	
								<input type="checkbox"/> Other:	<input type="checkbox"/> Y	<input type="checkbox"/> N	

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Appendix C

Deficiencies / Corrective Action Reports					
Complete this section for each deficiency noted on this inspection report. <u>Photo documentation is required and must be attached to this inspection report.</u>					
Item No.	Location	Description of Deficiency	Date Corrected	Action Taken	ESCP amendment required (Y/N)

ESCP Coordinator	Signature	Date

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 (7.2.11.1a).

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/ 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/ 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 faceshield
- 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: (Construction Branch Chief/ Officer-in-Charge/Construction Inspector)

Marvin Luckfield (Construction Branch Chief) - PHONE NO. 808-768-8839

[INSERT NAME] (Officer-in-Charge) - [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)**
[INSERT NAME] Contractor Contact – [INSERT PHONE NO. 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

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

Robert H-H. Harter 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**Rehabilitation of Localized Streets Phase 24B****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.*

INTERIM
FINAL



Section 2
**Emergency Response and the Site Discovery,
Investigation, and Cleanup Process**
Appendices

APPENDIX 2-B

**HAZARDOUS SUBSTANCE RELEASE
NOTIFICATION GUIDELINE**

Appendix 2-B

Hazardous Substance Release Notification Guideline Hawai'i Department of Health (HDOH) Office of Hazard Evaluation and Emergency Response (HEER Office)

This guideline is general in nature and is provided to assist in complying with HEPCRA and the SCP in Hawaii and does not have the force and effect of law. To ensure full compliance under the law, persons affected should review the appropriate Federal and State statutes and regulations. Failure to report a release under these laws and regulations may prompt EPA or State enforcement action including penalties not to exceed fines of \$25,000 per day per violation or imprisonment. Copies of the laws and regulations may be obtained by contacting the HSERC/HEER at (808) 586-4249 or on the HEER website.

Overview of Requirements

In Hawaii, owners or operators of facilities or vessels reporting releases of hazardous substances are subject to state notification requirements under Chapter 128D, Hawaii Revised Statutes, the Environmental Response Law, Chapter 128E, Hawaii Revised Statutes, the Hawaii Emergency Planning and Community Right-to-Know Act (HEPCRA) and Title 11, Chapter 451, Hawaii Administrative Rules, the State Contingency Plan (SCP).

In general, the owner or operator of a facility or vessel **must immediately notify** the Hawaii State Emergency Response Commission (HSERC/HEER) ((808) 586-4249 or (808) 247-2191 after work hours) and the Local Emergency Planning Committee (LEPC) (telephone numbers are listed on a separate sheet) of the appropriate jurisdiction after the release of:

1. A listed hazardous substance designated under section 11-451-5(b), in quantities equal to or exceeding the reportable quantity criteria in section 11-451-6(b) in any 24-hour period; or
2. An unlisted hazardous substance designated under section 11-451-5(c), in quantities equal to or exceeding the reportable quantity criteria in section 11-451-6(c) in any 24-hour period.

Note: The HSERC/HEER are listed together because the Hawaii State Department of Health Hazard Evaluation and Emergency Response Office is the administrative contact for the Hawaii State Emergency Response Commission.

An exception from immediate notification is provided for releases of oil of less than 25 gallons in any 24-hour period which is not contained and remedied within 72 hours. Such releases must be reported in written form only within 30 days of the discovery of the release.

The owner or operator of the facility or vessel must also provide a written follow-up notice within 30 days of the discovery of the release. If a release of a hazardous substance poses an imminent or immediate threat to public health or the environment, dial 911 to request fire, police, or emergency medical service personnel response.

Immediate Notification Contents

A reportable quantity of a hazardous substance is a trigger to notify the appropriate government agencies. This is necessary so that government personnel such as the State On-Scene Coordinators can evaluate the need for a response action and ensure that any necessary response actions are undertaken in a timely manner.

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Immediate verbal notification shall be provided to the HSERC/HEER and LEPC either via telephone or in person. HEER/HSERC will not accept **initial notification** via fax or e-mail. In addition, unless it is specifically stated that a verbal notification is being given to a State On-Scene Coordinator (SOSC) on scene during an incident, the presence of a SOSC does not constitute a notification.

Provide the following information to the extent known at the time of the notice so long as no delay in responding to the emergency results. It is expected that notification occur within 20 minutes of discovery of the release. (Do not delay due to incomplete notification information related to the release):

1. Name and telephone number of the caller.
2. Name and telephone number of a contact person, (if different from the caller) that can provide timely information as the incident is occurring.
3. Name (trade and chemical), of the hazardous substance which has been released.
4. Approximate quantity of the hazardous substance which has been released.
5. Location of the incident.
6. Date and time of spill, release, or threatened release.
7. Description of what happened (source and cause of the release).
8. Immediate danger or threat posed by the release.
9. Name, address, and telephone number of the responsible party or potentially responsible party.
10. Measures taken or proposed to be taken in response to the release as of the time of the notification.
11. Any known injuries or advice regarding medical attention necessary for exposed individuals.
12. The names and phone numbers of other federal, state, or local government agencies that have been notified of the release.
13. Any other information that may help emergency personnel respond to the incident.

Once the information has been provided, the caller will be provided with a HEER Incident Case Number, which shall be referenced in any future correspondence including the written notification submittal.

Federal Requirements under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the Oil Pollution Act (OPA)

Releases of Reportable Quantities (RQ) of CERCLA hazardous substances and releases of oil which causes a sheen on water must also be reported to the National Response Center at 1(800) 424-8802.

Written Follow-Up Notification Contents

Notice, including all information provided in the verbal notification described above and any other pertinent information not previously provided, shall also be made in writing to the HSERC/HEER. This written notification shall be sent to HSERC/HEER no later than thirty (30) days after initial discovery of a release. The written notification can be sent by certified mail, faxed, hand-delivered, or another means which provides proof of delivery. Photos should be included to document the incident. A suggested Written Follow-up Notification Form is provided.

Interim Final

Hawaii Hazardous Substance Written Follow-Up Notification Form

PLEASE PROVIDE THE FOLLOWING INFORMATION

Incident Case No.: _____

Contact Information

Caller's Information

Name: _____

Address: _____

City: _____ State _____ Zip _____

Telephone number: _____

Owner's Information

Name: _____

Title: _____

Company: _____

Address: _____

City: _____ State _____ Zip _____

Telephone number: _____

Operator's Information

Name: _____

Title: _____

Company: _____

Address: _____

City: _____ State _____ Zip _____

Telephone number: _____

Name of a contact person at the facility or vessel where the release has occurred: _____

Telephone number: _____

Interim Final

Hazardous Substance Released:

Name (trade and chemical) of the hazardous substance which has been released: _____

Chemical Abstract Service (CAS) Number (if applicable): _____

Approximate quantity of the hazardous substance released: _____

Incident Information

Location of the release: _____

A brief description of the release: _____

Media into which the release occurred or is likely to occur (Indicate all those that apply):

☐ Air ☐ Soil ☐ Groundwater ☐ Concrete ☐ Asphalt ☐ Stream ☐ Ocean ☐ Other

Cause of the release: _____

Date of the release: _____

Time of the release: _____

Duration of the release: _____

Date: _____

Time that the person in charge of the facility or vessel where the release occurred obtained knowledge of the release: _____

Source of the release: _____

Response Information

Response measures taken thus far: _____

Interim Final

Any appropriate information relating to the ability of the owner or operator of the facility or vessel where the release has occurred to pay for or perform any proposed or required response actions: _____

The names of other federal, state, or local government agencies that have been notified of the release: _____

Health Information

Known or anticipated acute health risks: _____

Known or anticipated chronic health risks: _____

Advice regarding medical attention necessary for exposed individuals: _____

Potential impacts to public health or welfare: _____

Potential impacts to the environment: _____

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the submitted info is true, accurate, and complete."

Signature: _____

Date: _____

Printed Name: _____

Title: _____

Company: _____

**STATE OF HAWAII
DEPARTMENT OF HEALTH
SOLID WASTE SECTION**

Solid Waste Disclosure Form for Construction Sites

The following form shall be filled out for construction projects either identified as under 40 CFR 122.26(b)(14)(x) or produces (or will produce) dredged spoils. A response must be provided for each item. If an item is not relevant to the activity, indicate by "Not Applicable" (N/A), with a short comment.

This form helps the Department of Health, Solid Waste Section (SWS) to identify sources of construction/demolition waste and site clearing debris. Property owners, developers, operators and contractors are responsible for ensuring the proper disposal of such solid waste. Violators of Chapter 11-58.1, HAR, "Solid Waste Management Control," are subject to enforcement, corrective actions, and fines.

Mail completed forms to the Department of Health, Solid Waste Section, P.O. Box 3378, Honolulu, Hawaii 96801-3378. Any questions regarding this form should call (808) 586-4226.

I. Site Information

Rehabilitation of Localized Streets Phase 24B

Ahahuina Place, Ahea Place, Ahea Street, Ahikao Street, Ainakuai Place, Ainamakua Drive, Ainana Place, Ainana Way, Akaluli Street, Akeake Street, Alakaina Street, Alaume Place, Alaume Street, Hakala Street, Hookaau Street, Hookanahe Street, Hookupu Street, Hoomua Street, Kahonua Street, Kahualea Street, Kailewa Street, Kanae Street, Konaku Street, Kuahaua Place, Lahui Place, Lahui Street, Lauae Street, Liho Street, Lili Place, Malielie Place, Malielie Street, Meanui Street, Milia Place, Milia Street, Mua Place, Naaualii Place, Paeli Place, Pakau Street, Puneki Place, Puneki Street, Puneki Way, and Puulu Street

- A. Site Address: _____
 B. Name of Owner: City and County of Honolulu, Dept. of Design and Construction
 C. Owner address: 650 S.King Street, 15th floor, Honolulu, HI 96813
 D. Owner phone number: 808-768-8839 (Marvin Luckfield)
 E. Tax Map Key (TMK): See Attached TMK List
 F. Size of Site (acres): 33.944 Acres

II. County Permit Information

- A. Issuing County Agency: _____
 B. Grading permit no.: _____
 C. Demolition permit no.: _____
 D. Grubbing/Stockpiling permit no.: _____

III. Site Activity Information

- A. State the kinds of site clearing activities to be completed. State final use of site: _____

- B. Describe structures on site (if none, indicate N/A): _____

If structures exist, are they to be demolished or removed?
☐ yes ☒ no. If yes, submit copy of building assessment.

IV. Contractor Information

A. General Contractor: _____
Contact: _____ Phone: _____

B. Site Clearing/Demolition Contractor: _____
Contact: _____ Phone: _____

C. Hauling Contractor: _____
Contact: _____ Phone: _____

D. Asbestos/Lead Abatement Contractor: _____
Contact: _____ Phone: _____

E. Destination of Waste Materials:

1. Building demolition materials:

To landfill (name): _____

☐ concrete (specify) _____

☐ scrap metal (specify) _____

☐ non-ferrous metals (specify) _____

☐ roofing materials (specify) _____

☐ other (specify) _____

To permitted recycling facility (name): _____

☐ concrete (specify) _____

☐ green waste (specify) _____

☐ non-ferrous metals (specify) _____

☐ scrap metal (specify) _____

☐ other (specify) _____

For re-use. State what wastes are to be reused and
where: _____

2. Dredged spoils:

To landfill (name): _____

To permitted recycling facility (name): _____

For re-use (list address and TMK No.): _____

I declare that I have read and examined the foregoing summary and that the facts
stated in it are true.

Sign Here: _____ Title: _____

Print Name: _____ Date: _____

Employer: _____ Phone: _____

NOTE: The person who completed this form must be a representative of either the owner or contractor.
Furthermore, if the destination of waste material(s) change or will change, then the owner, contractor or the
representative of the owner or contractor shall submit a revised Solid Waste Disclosure Form with updated
information to the Department of Health, Solid Waste Section, P.O. Box 3378, Honolulu, Hawaii 96801-3378.

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: **Rehabilitation of Localized Streets Phase 24B** will follow this plan when a severe storm is either forecast or anticipated at their discretion.*

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 Contractor 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: **Marvin Luckfield, 808-768-8839***
 - 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.*

Rehabilitation of Localized Streets Phase 24B

- Projects/facilities on Oahu: TMK Division = 1.
Projects/facilities on Maui/Molokai/Lanai/Kahoolawe: TMK Division = 2.
Projects/facilities on Big Island: TMK Division = 3.
Projects/facilities on Kauai/Niihau: TMK Division = 4.

[illegible]

Attachment I – SWPPP Amendment Log

AMENDMENT LOG

Each Amendment must be signed by the authorized representative authorizing the changes in Section 7.2.17 within 7 calendar days following the occurrence of any of the conditions listed in Section 7.4.1.

Project Name: Rehabilitation of Localized Streets Phase 24B

SWPPP Contact: _____

<i>Amendment No.</i>	<i>Description of the Amendment</i>	<i>Date of Amendment</i>	<i>Amendment Prepared by [Name(s) and Title]</i>

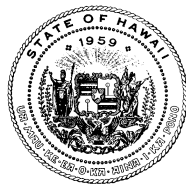
Add rows as needed.

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

A copy of the NOI, NOI Attachments, and the NGPC are included in this SWPPP binder.

JOSH GREEN, M.D.
GOVERNOR OF HAWAII
KE KIA'AINA O KA MOKU'AINA 'O HAWAII



STATE OF HAWAII
DEPARTMENT OF HEALTH
KA 'OIHANA OLAKINO
P.O. BOX 3378
HONOLULU, HI 96801-3378

KENNETH S. FINK, MD, MGA, MPH
DIRECTOR OF HEALTH
KA LUNA HO'OKELE

In reply, please refer to:
EMD/CWB

R10H389.FNL.24

January 24, 2024

Via e-mail dominic.milles@honolulu.gov only

Mr. Haku Milles, P.E.
Director
City and County of Honolulu
Department of Design and Construction
650 South King Street, 11th Floor
Honolulu, Hawaii 96813

Dear Mr. Milles:

**Subject: NOTICE OF GENERAL PERMIT COVERAGE (NGPC)
National Pollutant Discharge Elimination System (NPDES)
Rehabilitation of Localized Streets, Phase 24B, in Mililani
Mililani, Island of Oahu, Hawaii
File No. HIR10H389**

This letter is to notify you that:

**CITY AND COUNTY OF HONOLULU
DEPARTMENT OF DESIGN AND CONSTRUCTION**

(Permittee) is now covered under the NPDES General Permit authorizing discharges of storm water associated with construction activities. This only authorizes the Permittee to discharge to certain receiving State waters discharge point(s) from certain project location(s), all as identified in the Notice of Intent (NOI) e-Permitting Submission:

HPZ-2AXJ-W166K
(submitted online on January 12, 2024);

provided that Permittee shall comply with applicable administrative rules¹ and the information submitted in the NOI (Administrative Requirements).

¹ Hawaii Administrative Rules (HAR) Chapter 11-54; HAR Chapter 11-55; HAR Chapter 11-55, Appendix A; HAR Chapter 11-55, Appendix C. HAR Chapters 11-54 and 11-55 are available on the DOH, Clean Water Branch website at: <https://health.hawaii.gov/cwb/>.

Unauthorized Discharges. Discharges of any pollutants not authorized by or not in accordance with Hawaii Administrative Rules (HAR) Chapter 11-55, Appendix C, including unauthorized discharges of storm and non-storm water, process and non-process wastewater, toxics, nutrients, and other water pollutants to State waters are prohibited. This NGPC cannot be modified (not including changes to contact information), including additions of discharge point locations.

Term. This NGPC shall take effect on the date of this letter. **This NGPC shall expire at midnight, February 8, 2024**, or when amendments to HAR Chapter 11-55, Appendix C, are adopted, whichever occurs first.

Certain Requirements. As a reminder, this NGPC requires the Permittee, among other things, to do the following.

1. Notify the Department of Health (DOH) of the construction start date within seven (7) calendar days before the start of construction activities.
2. Complete and submit the Solid Waste Disclosure Form for Construction Sites to the DOH, Solid and Hazardous Waste Branch, Solid Waste Section, as specified on the form within seven (7) calendar days before the start of the construction activities. The form is available on the e-Permitting Portal located at: <https://eha-cloud.doh.hawaii.gov/epermit>.
3. Implement the Storm Water Pollution Prevention Plan (SWPPP) in accordance with HAR Chapter 11-55, Appendix C. The Director of Health reserves the right to require the Permittee to modify the SWPPP.
4. In the event there are any revisions to the information submitted in the NOI (with the exception of changes to contact person information for non-transfer of ownership and changes to the SWPPP), submit a new NOI with filing fee and obtain a new NGPC.
5. Complete and submit the Notice of Cessation (NOC) within seven (7) calendar days after the end of the month that the subject project was completed.

Compliance Submittals. All NGPC compliance submittals, including the NOC, Notification of Start of Construction or Discharge, Discharge Monitoring Report, and other required information shall be submitted on the Electronic Signature CWB Compliance Submittal Form for Individual NPDES Permits and NGPCs. This form shall be completed on the e-Permitting Portal located at: <https://eha-cloud.doh.hawaii.gov/epermit>.

Other Authorizations. The Permittee is responsible for obtaining other Federal, State, or local authorizations as may be required by law.


Failure to Comply. Failure to comply with Administrative Requirements is an enforceable violation and this NGPC may be terminated. Violations may be enforced pursuant to Hawaii Revised Statutes (HRS) Chapter 342D and are punishable by civil and criminal penalties thereunder.

Falsification of Information. Providing information (including in the NOI) that does not accurately describe what is actually occurring at the project site/facility, may result in criminal penalties for the Permittee and their authorized representative as provided in Clean Water Act², Section 309 and HRS § 342D-35.

DOH Survey. Please complete the DOH Customer Satisfaction Survey regarding your request for General Permit coverage. This brief survey is available on the e-Permitting Portal located at: <https://eha-cloud.doh.hawaii.gov/epermit>. Please use the Application Finder button and search for the "Customer Satisfaction Survey."

If you have any questions, please contact the Clean Water Branch (CWB) Enforcement Section or Mr. Robert Phan of the CWB Engineering Section at (808) 586-4309.

Sincerely,



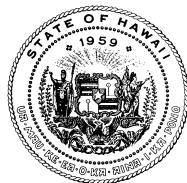
JOANNA L. SETO, P.E., CHIEF
Environmental Management Division

RTP:ki

- c: Mr. Marvin Luckfield, City and County of Honolulu, Department of Design and Construction [via e-mail marvin.luckfield@honolulu.gov only]
Ms. Pamela Noguchi, City and County of Honolulu, Department of Design and Construction [via e-mail pnoguchi@honolulu.gov only]
Civil Division Chief, City and County of Honolulu, Department of Design and Construction [via e-mail skatsura@honolulu.gov only]
Mr. Jason Sugibayashi, WSP [via e-mail jason.sugibayashi@wsp.com only]
DOH-HEER [via e-mail heernotify@gmail.com only]

² Federal Water Pollution Control Act, 33 USC § 1251, *et seq.*

JOSH GREEN, M.D.
GOVERNOR OF HAWAII
KE KIA'AINA O KA MOKU'AINA 'O HAWAII



STATE OF HAWAII
DEPARTMENT OF HEALTH
KA 'OIHANA OLAKINO
P.O. BOX 3378
HONOLULU, HI 96801-3378

KENNETH S. FINK, MD, MGA, MPH
DIRECTOR OF HEALTH
KA LUNA HO'OKELE

In reply, please refer to:
EMD/CWB

R10H389.FNL.24

February 21, 2024

Via e-mail ttrang@honolulu.gov only

Dear Permittee:

**Subject: RENEWAL NOTICE OF GENERAL PERMIT COVERAGE (NGPC)
National Pollutant Discharge Elimination System (NPDES)
Rehabilitation of Localized Streets, Phase 24B
File No. HIR10H389**

The Clean Water Branch (CWB) has reviewed and accepted your renewal Notice of Intent, e-Permitting submission number **HQ1-DTPJ-FBMHG**. This letter is to notify you that:

**CITY AND COUNTY OF HONOLULU
DEPARTMENT OF DESIGN AND CONSTRUCTION
CIVIL DIVISION**

(Permittee) is now covered under the new NPDES General Permit authorizing discharges of storm water associated with construction activities for the subject facility/project. The administrative extension of the previous NGPC is hereby terminated. Please forward this renewal NGPC to your project partners.

Hawaii Administrative Rules (HAR), Title 11, Chapter 55, Appendix C (NPDES General Permit Authorizing Discharges of Storm Water Associated with Construction Activities) became effective on January 29, 2024. Please download a copy of HAR 11-55, Appendix C (the new NPDES General Permit), which includes Appendix A (Standard NPDES General Permit Conditions) from the Department of Health (DOH), Clean Water Branch (CWB) website page at:

<https://health.hawaii.gov/cwb/hawaii-administrativerules-har/har-11-55/>. You are required to read and understand the new NPDES General Permit and comply with every requirement.

Unauthorized Discharges. Discharges of any pollutants not authorized by or not in accordance with Hawaii Administrative Rules (HAR) Chapter 11-55, Appendix C, including unauthorized discharges of storm and non-storm water, process and non-process wastewater, toxics, nutrients, and other water pollutants to State waters are prohibited. This NGPC cannot be modified (not including changes to contact information), including additions of discharge point locations.

Term. This NGPC shall take effect on the date of this letter. **This NGPC shall expire at midnight, January 28, 2029**, or when amendments to HAR Chapter 11-55, Appendix C, are adopted, whichever occurs first.

Certain Requirements. As a reminder, this NGPC requires the Permittee, among other things, to do the following.

1. If the Permittee has not already done so, notify the DOH of the construction start date within seven (7) calendar days before the start of construction activities.
2. Implement the Storm Water Pollution Prevention Plan (SWPPP) in accordance with HAR Chapter 11-55, Appendix C. The Director of Health reserves the right to require the Permittee to modify the SWPPP.
3. In the event there are any revisions to the information submitted in the NOI (with the exception of changes to contact person information for non-transfer of ownership and changes to the SWPPP), submit a new NOI with filing fee and obtain a new NGPC.
4. Complete and submit the Notice of Cessation (NOC) within seven (7) calendar days after the end of the month that the subject project was completed.

Compliance Submittals. All NGPC compliance submittals, including the NOC, Notification of Start of Construction or Discharge, Discharge Monitoring Report, and other required information shall be submitted on the Electronic Signature CWB Compliance Submittal Form for Individual NPDES Permits and NGPCs. This form shall be completed on the e-Permitting Portal located at:
<https://eha-cloud.doh.hawaii.gov/epermit>.

Other Authorizations. The Permittee is responsible for obtaining other Federal, State, or local authorizations as may be required by law.

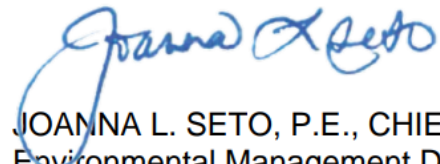
Failure to Comply. Failure to comply with Administrative Requirements is an enforceable violation and this NGPC may be terminated. Violations may be enforced pursuant to Hawaii Revised Statutes (HRS) Chapter 342D and are punishable by civil and criminal penalties thereunder.

Falsification of Information. Providing information (including in the NOI) that does not accurately describe what is actually occurring at the project site/facility, may result in criminal penalties for the Permittee and their authorized representative as provided in Clean Water Act (Federal Water Pollution Control Act, 33 USC § 1251, *et seq.*), Section 309 and HRS § 342D-35.

DOH Survey. Please complete the DOH Customer Satisfaction Survey regarding your request for General Permit coverage. This brief survey is available on the e-Permitting Portal located at: <https://eha-cloud.doh.hawaii.gov/epermit>. Please use the Application Finder button and search for the "Customer Satisfaction Survey."

If you have any questions, please contact the CWB Enforcement Section or the CWB Engineering Section at (808) 586-4309.

Sincerely,



JOANNA L. SETO, P.E., CHIEF
Environmental Management Division

GOOD HOUSEKEEPING BEST MANAGEMENT PRACTICES

ALL PROJECTS MUST IMPLEMENT AND MAINTAIN GOOD HOUSEKEEPING PRACTICES TO ELIMINATE AND MINIMIZE POLLUTANT DISCHARGES TO THE MAXIMUM EXTENT PRACTICABLE. MANDATORY GOOD HOUSEKEEPING PRACTICES INCLUDE, BUT ARE NOT LIMITED TO:

1. STREET SWEEPING AND VACUUMING. ALL POLLUTANTS DISCHARGED FROM A CONSTRUCTION SITE TO OFF-SITE AREAS MUST BE SWEEPED OR VACUUMED EACH DAY BEFORE LEAVING THE JOB SITE.

2. MATERIALS DELIVERY, STORAGE AND USE MANAGEMENT. PREVENT, REDUCE, OR ELIMINATE THE DISCHARGE OF POLLUTANTS FROM MATERIAL DELIVERY, STORAGE, AND USE TO THE STORM WATER SYSTEM OR WATERCOURSES BY MINIMIZING THE STORAGE OF HAZARDOUS MATERIALS ONSITE, STORING MATERIALS IN A DESIGNATED AREA, INSTALLING SECONDARY CONTAINMENT. CONSTRUCTION MATERIALS, WASTE, TOXIC AND HAZARD SUBSTANCES, STOCKPILES AND OTHER SOURCES OF POLLUTION SHALL NOT BE STORED IN BUFFER AREAS, NEAR AREAS OF CONCENTRATED FLOW, OR AREAS ABUTTING THE MS4, RECEIVING WATERS, OR DRAINAGE IMPROVEMENTS THAT DISCHARGE OFF-SITE. PRIMARY AND SECONDARY CONTAINMENT CONTROLS AND COVERS SHALL BE IMPLEMENTED TO THE MAXIMUM EXTENT PRACTICABLE.

3. SPILL PREVENTION AND CONTROL. PROJECTS SHALL CREATE AND IMPLEMENT SPILL PREVENTION AND RESPONSE PLANS TO ELIMINATE AND MINIMIZE THE DISCHARGE OF POLLUTANTS TO THE MS4 AND RECEIVING WATERS FROM LEAKS AND SPILLS BY REDUCING THE CHANCE FOR SPILLS, ABSORBING, CONTAINING, AND CLEANING UP SPILLS AND PROPERLY DISPOSING OF SPILL MATERIALS. AT A MINIMUM, ALL PROJECTS SHALL CLEAN UP ALL LEAKS AND SPILLS IMMEDIATELY.

4. HAZARDOUS MATERIALS. PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM HAZARDOUS WASTE THROUGH PROPER MATERIAL USE AND WASTE DISPOSAL. IN THE EVENT THAT HAZARDOUS MATERIALS ARE DISCHARGED TO THE MS4, THE PROPERTY OWNER OR ESCP COORDINATOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT OF FACILITIES MAINTENANCE, HONOLULU FIRE DEPARTMENT, AND HONOLULU POLICE DEPARTMENT OF THE DISCHARGE BY TELEPHONE. A WRITTEN REPORT DESCRIBING THE POLLUTANTS THAT WERE DISCHARGED, THE REASONS FOR THE DISCHARGE, AND THE MEASURES THAT HAVE BEEN TAKEN OR WILL BE TAKEN TO PREVENT A REOCCURRENCE OF THE DISCHARGE SHALL BE SUBMITTED TO THE DIRECTOR NO LESS THAN 3 DAYS AFTER NOTIFICATION BY PHONE.

5. NON-HAZARDOUS MATERIALS. IN THE EVENT THAT NON-HAZARDOUS MATERIALS ARE DISCHARGED TO THE MS4, THE PROPERTY OWNER OR ESCP COORDINATOR SHALL NOTIFY THE CITY DEPARTMENT OF FACILITIES MAINTENANCE BY TELEPHONE NO LATER THAN THE NEXT BUSINESS DAY. A WRITTEN REPORT DESCRIBING THE POLLUTANTS THAT WERE DISCHARGED, THE REASON FOR THE DISCHARGE, AND THE MEASURES THAT HAVE BEEN TAKEN OR WILL BE TAKEN TO PREVENT A REOCCURRENCE OF THE DISCHARGE SHALL BE SUBMITTED TO THE DIRECTOR NO LESS THAN 3 DAYS AFTER NOTIFICATION BY PHONE.

6. VEHICLE AND EQUIPMENT CLEANING. ELIMINATE AND MINIMIZE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM VEHICLE AND EQUIPMENT CLEANING OPERATIONS BY USING OFF-SITE FACILITIES WHEN FEASIBLE, WASHING IN DESIGNATED, CONTAINED AREAS ONLY, AND ELIMINATING DISCHARGES TO THE STORM DRAIN SYSTEM BY EVAPORATING AND/OR TREATING WASH WATER AS APPROPRIATE, OR INFILTRATING WASH WATER FOR EXTERIOR CLEANING ACTIVITIES THAT USE WATER ONLY.

7. VEHICLE AND EQUIPMENT FUELING. PREVENT FUEL SPILLS AND LEAKS BY USING OFF-SITE FACILITIES, FUELING ONLY IN DESIGNATED AREAS, ENCLOSING OR COVERING STORED FUEL, AND IMPLEMENTING SPILL CONTROLS SUCH AS SECONDARY CONTAINMENT AND ACTIVE MEASURES USING SPILL RESPONSE KITS.

8. VEHICLE AND EQUIPMENT MAINTENANCE. ELIMINATE AND MINIMIZE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM VEHICLE AND EQUIPMENT MAINTENANCE OPERATIONS BY USING OFF-SITE FACILITIES WHEN FEASIBLE, PERFORMING WORK IN DESIGNATED AREAS ONLY, USING SPILL PADS UNDER VEHICLES AND EQUIPMENT, CHECKING FOR LEAKS AND SPILLS, AND CONTAINING AND CLEANING UP SPILLS IMMEDIATELY.

9. SOLID WASTE MANAGEMENT. PREVENT OR REDUCE DISCHARGE OF POLLUTANTS TO THE LAND, GROUNDWATER, AND IN STORM WATER FROM SOLID WASTE OR CONSTRUCTION AND DEMOLITION WASTE BY PROVIDING DESIGNATED WASTE COLLECTION AREAS, COLLECT SITE TRASH DAILY, AND ENSURING THAT CONSTRUCTION WASTE IS COLLECTED, REMOVED, AND DISPOSED OF ONLY AT AUTHORIZED DISPOSAL AREAS.

10. SANITARY/SEPTIC WASTE MANAGEMENT. TEMPORARY AND PORTABLE SANITARY AND SEPTIC WASTE SYSTEMS SHALL BE MOUNTED OR STAKED IN, WELL-MAINTAINED, AND SCHEDULED FOR REGULAR WASTE DISPOSAL AND SERVICING. SOURCES OF SANITARY AND/OR SEPTIC WASTE SHALL NOT BE STORED NEAR THE MS4 OR RECEIVING WATERS.

11. STOCKPILE MANAGEMENT. STOCKPILES SHALL NOT BE LOCATED IN DRAINAGE WAYS, WITHIN 50 FEET FROM AREAS OF CONCENTRATED FLOWS, AND ARE NOT ALLOWED IN THE CITY RIGHT-OF-WAY. SEDIMENT BARRIERS OR SILT FENCES SHALL BE USED AROUND THE BASE OF ALL STOCKPILES. STOCKPILES SHALL NOT EXCEED 15 FEET IN HEIGHT. STOCKPILES GREATER THAN 15 FEET IN HEIGHT SHALL REQUIRE 8 FOOT WIDE BENCHING IN ACCORDANCE WITH ROH CHAPTER 18A, ARTICLE 3. STOCKPILES MUST BE COVERED WITH PLASTIC SHEETING OR A COMPARABLE MATERIAL IF THEY WILL NOT BE ACTIVELY USED WITHIN 7 DAYS.

12. LIQUID WASTE MANAGEMENT. LIQUID WASTE SHALL BE CONTAINED IN A CONTROLLED AREA SUCH AS A HOLDING PIT, SEDIMENT BASIN, ROLL-OFF BIN, OR PORTABLE TANK OF SUFFICIENT VOLUME AND TO CONTAIN THE LIQUID WASTES GENERATED. CONTAINMENT AREAS OR DEVICES MUST BE IMPERMEABLE AND LEAK FREE AND SHOULD NOT BE LOCATED WHERE ACCIDENTAL RELEASE OF THE CONTAINED LIQUID CAN DISCHARGE TO WATER BODIES, CHANNELS, OR STORM DRAINS.

13. CONTAMINATED SOIL MANAGEMENT. AT MINIMUM CONTAIN CONTAMINATED MATERIAL SOIL BY SURROUNDING WITH IMPERMEABLE LINED BERMS OR COVER EXPOSED CONTAMINATED MATERIAL WITH PLASTIC SHEETING. CONTAMINATED SOIL SHOULD BE DISPOSED OF PROPERLY IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

GOOD HOUSEKEEPING BEST MANAGEMENT PRACTICES (CONT.)

14. CONCRETE WASTE MANAGEMENT. PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM CONCRETE WASTE BY CONDUCTING WASHOUT OFFSITE OR PERFORMING ONSITE WASHOUT IN A DESIGNATED AREA CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MILLIMETER POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL. CONTAINMENT AREAS OR DEVICES SHOULD NOT BE LOCATED WHERE ACCIDENTAL RELEASE OF THE CONTAINED LIQUID CAN DISCHARGE TO WATER BODIES, CHANNELS, OR STORM DRAINS. WASHOUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75 PERCENT FULL. ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF AS SOLID WASTE.

15. DUST CONTROL SHALL BE APPLIED TO REDUCE DUST EMISSIONS. THE CONTRACTOR, AT THEIR OWN EXPENSE, SHALL KEEP THE PROJECT AREA AND SURROUNDING AREA FREE FROM DUST NUISANCE. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION CONTROL STANDARDS IN HAWAII ADMINISTRATIVE RULES: TITLE 11, CHAPTER 60.1, "AIR POLLUTION CONTROL".

EROSION CONTROL PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES NOTES

1. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES IN THE CITY AND COUNTY OF HONOLULU'S "RULES RELATING TO WATER QUALITY".

2. THE PERSON RESPONSIBLE FOR IMPLEMENTING THE ESCP AT THE PROJECT SITE ("ESCP COORDINATOR") MUST BE DESIGNATED PRIOR TO PERMIT ISSUANCE USING THE FORM PROVIDED AS APPENDIX A TO THE RULES RELATING TO WATER QUALITY.

3. MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY CONSTRUCTION IS INITIATED.

4. REGULARLY INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROLS TO ENSURE CONTINUED PERFORMANCE.

5. PERMANENT STABILIZATION

ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED USING VEGETATIVE COVERING, PAVEMENT, OR EQUIVALENT, PRIOR TO REMOVING EROSION AND SEDIMENT MEASURES. TRAPPED SEDIMENT AND AREAS OF DISTURBED SOIL WHICH RESULT FROM THE REMOVAL OF THE TEMPORARY MEASURES SHALL BE IMMEDIATELY AND PERMANENTLY STABILIZED.

6. INLET PROTECTION

- ALL STORM DRAIN INLETS ONSITE AND THOSE OFFSITE WHICH MAY RECEIVE RUNOFF FROM THE SITE SHALL USE AN INLET PROTECTION DEVICE UNLESS THEY ARE DIRECTED TO A SEDIMENT BASIN.
- SEDIMENT LEVELS MAY NOT EXCEED ONE THIRD OF THE HEIGHT OF A SEDIMENT BARRIER OR INLET PROTECTION DEVICE AT ANY POINT ALONG THE LENGTH OF THE SEDIMENT BARRIER OR THE INLET PROTECTION DEVICE.
- SEDIMENT BARRIERS AND INLET PROTECTION DEVICES MUST BE UNCLOGGED AND CLEANED WHEN PERFORMANCE IS COMPROMISED.
- TORN, WEATHERED, OR SAGGING SEDIMENT BARRIERS OR INLET PROTECTION DEVICES MUST BE REPAIRED OR REPLACED IMMEDIATELY.

7. TRACKING CONTROL

- MINIMIZE SEDIMENT TRACK-OUT ONTO THE OFF-SITE STREETS, OTHER PAVED AREAS, AND SIDEWALKS FROM VEHICLES EXITING THE CONSTRUCTION SITE BY RESTRICTING VEHICLE TRAFFIC TO PROPERLY DESIGNATED AREAS AND USING ADDITIONAL CONTROLS TO REMOVE SEDIMENT FROM VEHICLE TIRES PRIOR TO EXITING THE SITE.
- VEHICULAR PARKING AND MOVEMENTS ON PROJECT SITES MUST BE CONFINED TO PAVED SURFACES OR PREDEFINED PARKING AREAS AND VEHICLE PATHS, WHICH SHALL BE MARKED WITH FLAGS OR BOUNDARY FENCING.
- ALL POLLUTANTS AND MATERIALS THAT ARE DROPPED, WASHED, TRACKED, SPILLED OR OTHERWISE DISCHARGED FROM A PROJECT SITE TO OFF-SITE STREETS, OTHER PAVED AREAS, SIDEWALKS OR THE MS4 MUST BE CLEANED USING DRY METHODS SUCH AS SWEEPING OR VACUUMING.
- WASHING POLLUTANTS AND MATERIALS THAT ARE DISCHARGED FROM THE PROJECT SITE TO THE MS4 INTO DRAIN INLETS OR CATCH BASINS IS PROHIBITED UNLESS THE MATERIAL IS SEDIMENT AND THE INLETS ARE DIRECTED TO A SEDIMENT BASIN OR SEDIMENT TRAP.

8. BEST MANAGEMENT PRACTICES (BMPS) SHALL NOT BE REMOVED UNTIL FINAL STABILIZATION IS COMPLETE FOR EACH PHASE.

9. PERIMETER CONTROLS ARE REQUIRED DOWNSLOPE OF EQUIPMENT/VEHICLE STAGING AREAS AT THE END OF EACH BUSINESS DAY AND AROUND MATERIAL STOCKPILES THAT ARE NOT ACTIVELY BEING USED. STOCKPILES ARE NOT ALLOWED IN THE CITY RIGHT-OF-WAY.

10. CONTRACTOR SHALL EMPLOY BEST MANAGEMENT PRACTICES AT ALL TIMES DURING CONSTRUCTION WITH THE USE OF "SEDIMENT CONTROL FILTERS" AT CATCH BASINS/DRAIN INLETS.

11. REFER TO CITY AND COUNTY OF HONOLULU STORM WATER BEST MANAGEMENT PRACTICES MANUAL – CONSTRUCTION, FOR MORE INFORMATION ON BMPS.

EROSION CONTROL PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES NOTES (CONT.)

13. FLUSHING INTO CATCH BASINS/DRAIN INLETS IS PROHIBITED.

14. FOR THE PROTECTION OF PUBLIC HEALTH AND SAFETY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING LOCAL WEATHER REPORTS FOR FORECASTED AND/OR ANTICIPATED SEVERE STORM EVENTS. THE CONTRACTOR SHALL PREPARE THE CONSTRUCTION WORK SITE AS NECESSARY TO PREVENT FLOODING ON THE ROADWAY, OR DAMAGE TO THE PROJECT OR SURROUNDING PROPERTIES.

15. ALL MOBILIZED EQUIPMENT SHALL BE REMOVED POST CONSTRUCTION.

EROSION & SEDIMENT CONTROL PLAN SCHEDULE AND RAIN RESPONSE PLAN

PROJECT SEQUENCE:

- INSTALL INLET PROTECTION AT EXISTING CATCH BASINS/DRAIN INLETS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AS PER THE EROSION CONTROL PREVENTION, SEDIMENT CONTROL AND GOOD HOUSEKEEPING BMP NOTES.
- INSTALL PERIMETER CONTROLS AROUND STAGING AREAS AND MATERIAL STOCKPILES AS NEEDED.
- PROCEED WITH CONSTRUCTION WITH LEAST POSSIBLE DISTURBANCE OF VEGETATIVE AREAS AND TEMPORARY STRUCTURES.
- REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER FULL ESTABLISHMENT OF PERMANENT VEGETATIVE COVER OR PERMANENT PAVEMENT STRUCTURE HAS BEEN INSTALLED.
- PRACTICE GOOD HOUSEKEEPING MEASURES THROUGHOUT THE DURATION OF CONSTRUCTION.
- INSPECTIONS WILL BE PERFORMED WEEKLY.

RAIN RESPONSE PLAN:

THE FOLLOWING WILL BE PERFORMED WHEN HEAVY RAINS, TROPICAL STORM OR HURRICANE IS IMMINENT OR IS FORECASTED IN THE NEXT 48 HOURS:

- TEMPORARY SUSPENSION OF ACTIVE TRENCHING OR COLD PLANING ACTIVITIES.
- INSPECT ALL INLET PROTECTION DEVICES AND MAINTAIN AS NEEDED. IF A SEVERE STORM IS EXPECTED, REMOVE INLET PROTECTION DEVICES TO PREVENT FLOODING ON SURROUNDING STREETS.
- COVER OR RELOCATE MATERIAL STOCKPILES AND LIQUID MATERIAL CONTAINERS TO AVOID CONTACT WITH RAINWATER.
- PLACE SPILL PANS OR OIL-ONLY SPILL PADS UNDER CONSTRUCTION VEHICLES TO PREVENT RUNOFF FROM CONTACTING ANY SPILLED PETROLEUM PRODUCTS. PROPERLY DISPOSE OF ANY ACCUMULATED OILY WATER AFTER THE RAIN EVENT.
- RE-INSPECT AFTER THE APPROACHING HEAVY RAINS, TROPICAL STORM OR HURRICANE AND REPLACE OR MAINTAIN BMPS AS NEEDED.

DEWATERING OPERATIONS BEST MANAGEMENT PRACTICES NOTE

1. DEWATERING OPERATIONS ARE NOT PART OF THE PROJECT SCOPE; BEST MANAGEMENT PRACTICES FOR DEWATERING OPERATIONS ARE NOT REQUIRED, AS NO GROUNDWATER IS ANTICIPATED.

EXIST. CATCH BASIN

CURB DROP INLET OR MEDIAN INLET WITHOUT GRATE

"CURB INLET GUARD" SEDIMENT FILTER OR APPROVED SUBSTITUTE

GUTTER

INSTALL GRAVEL BAGS PER MANUFACTURER'S RECOMMENDATIONS

NOTE
"CURB INLET GUARD" IS MANUFACTURED BY ERTEC ENVIRONMENTAL SYSTEMS.

CATCH BASIN SEDIMENT CONTROL FILTER DETAIL
NOT TO SCALE

ENDS OF FILTER FABRIC SANDWICHED BETWEEN GRATE AND FRAME

GRATE

FILTER FABRIC

GRATE INLET

DRAIN INLET SEDIMENT CONTROL FILTER DETAIL
NOT TO SCALE

NOTES:

- ALL STORM DRAIN INLETS ONSITE AND THOSE OFFSITE WHICH MAY RECEIVE RUNOFF FROM THE SITE SHALL USE AN INLET PROTECTION DEVICE UNLESS THEY ARE DIRECTED TO A SEDIMENT BASIN.
- SEDIMENT LEVELS MAY NOT EXCEED ONE THIRD OF THE HEIGHT OF A SEDIMENT OR AN INLET PROTECTION DEVICE AT ANY POINT ALONG THE LENGTH OF THE SEDIMENT BARRIER OR THE INLET PROTECTION DEVICE.
- SEDIMENT BARRIERS AND INLET PROTECTION DEVICES MUST BE UNCLOGGED AND CLEANED WHEN PERFORMANCE IS COMPROMISED.
- TORN, WEATHERED OR SAGGING SEDIMENT BARRIERS OR INLET PROTECTION DEVICES MUST BE REPAIRED OR REPLACED IMMEDIATELY.

APPROVED:

3/7/24

ADD NO. 3 – DPP APPROVAL SIGNATURE

WSP

REVISION

DATE

DESCRIPTION

ENGR.

APPROVED

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
CIVIL DIVISION

REHABILITATION OF LOCALIZED STREETS, PHASE 24B
MILILANI MAUKA

EROSION & SEDIMENT CONTROL PLAN
NOTES AND DETAILS

DESIGN: RAK

DRAWN: RAK

CHECKED: DNC

DATE: MAR 2024

JOB NO. 12-23

APPROVED:

3/28/24

CHIEF, CIVIL DIVISION, D.D.C.

DRAWING NO.
ES-1

SHEET 5

OF 36 SHEETS

FILE

DRAW

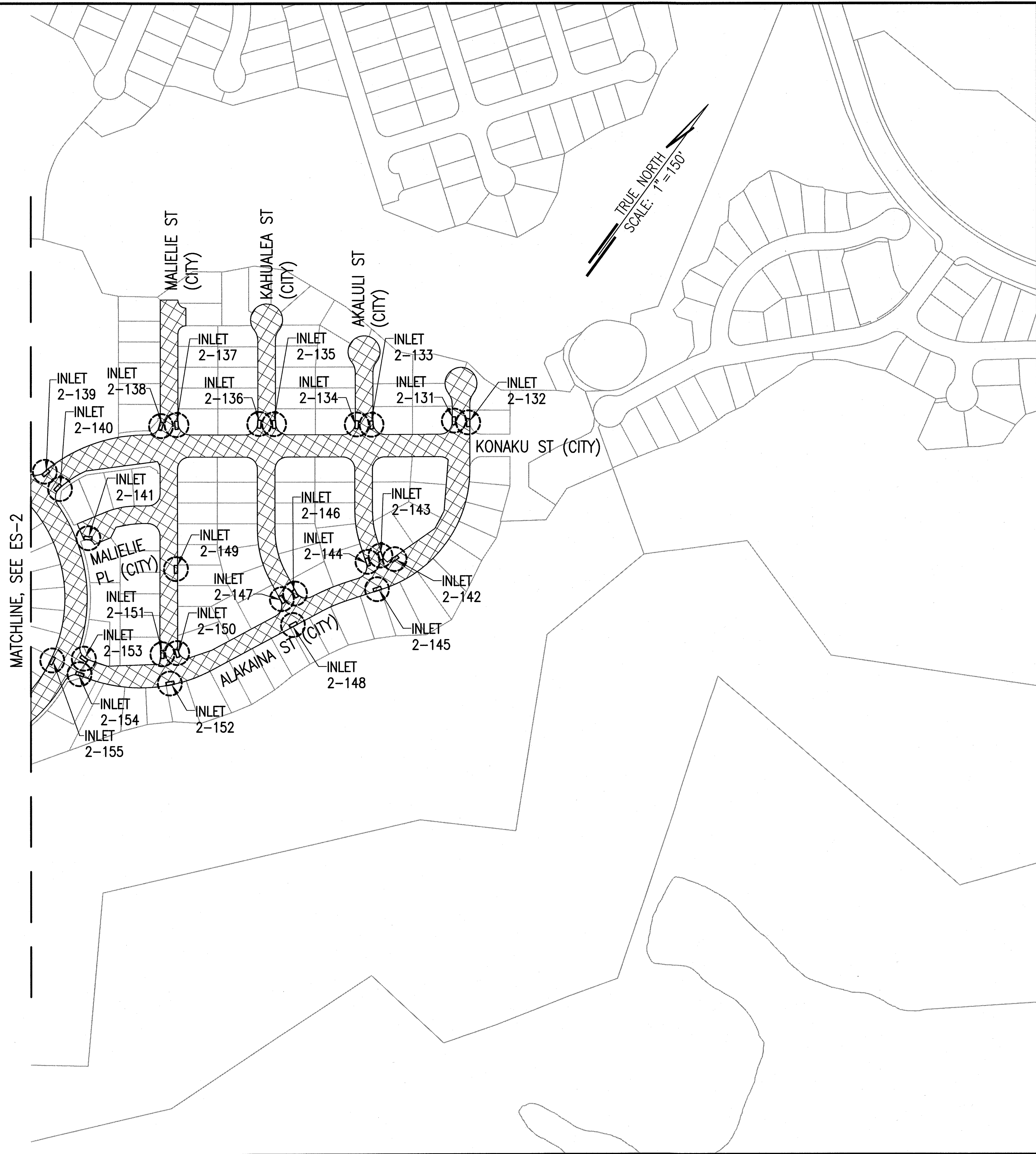
FOLDER

NUMBER



ROBIN A. KASAMOTO
LICENSED PROFESSIONAL ENGINEER
No. 12366-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
3/30/2024
SIGNATURE EXPIRATION DATE OF THE LICENSE

Last Saved: T:\163618 Rehab Localized Streets Phase 24B\CADD\Sheets\ES-01.dwg 5/22/2023 11:10 AM



LEGEND:

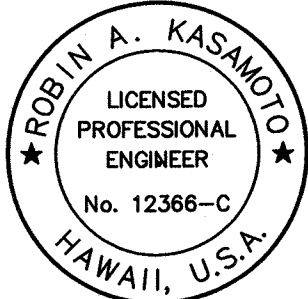
-  CATCH BASIN/DRAIN INLET FILTER
-  DISTURBED AREA

NOTES:

- SEE DWG. NO. ES-1 FOR ESCP NOTES AND DETAILS.
- THIS ESCP IS FOR A TRENCHING PERMIT PROJECT.

APPROVED:

Melvin Tolosa 3/14/24
CHIEF, CIVIL ENGINEERING BRANCH, DPP DATE



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
CONSTRUCTION OF THIS PROJECT
WILL BE UNDER MY OBSERVATION.
Robin A. Kasamoto 4/30/2024
SIGNATURE EXPIRATION DATE OF THE LICENSE

REVISION	DATE	DESCRIPTION	ENGR.	APPROVED
1	3/7/24	ADD NO. 3 - DPP APPROVAL SIGNATURE	WSP	<i>[Signature]</i>

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
CIVIL DIVISION

**REHABILITATION OF LOCALIZED STREETS, PHASE 24B
MILILANI MAUKA**

EROSION & SEDIMENT CONTROL PLAN - 2

DESIGN: RAK	APPROVED:	DRAWING NO. ES-3
DRAWN: RAK	<i>[Signature]</i> 3/28/24	SHEET 7
CHECKED: DNC	CHIEF, CIVIL DIVISION, D.D.C. DATE	OF 36 SHEETS
DATE: MAR 2024		
JOB NO. 12-23	FILE DRAW FOLDER NUMBER	

EROSION & SEDIMENT CONTROL PLAN
SCALE: 1"=200'

