

Storm Water Pollution Prevention Plan (SWPPP)

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7.0 Preface

The following documents are referenced throughout this document:

- 1) Hawaii Administrative Rules (HAR), Chapter 11-55 (used as a guideline for the Sections)
- 2) HDOT Construction Best Management Practices Field Manual

7.0.1 Notes for Contractor/HDOT Construction Personnel

Total Disturbed Area (including Staging Areas) = **1.37 Acres**

- 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 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.*

7.2.1 Storm Water Team

The permittee 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 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 this permit, the most updated copy of the SWPPP, and other relevant documents or information that must be kept with the SWPPP.

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

1) Name: _____
Company: _____
Position: _____
Contact Number: _____
Responsibilities: _____

2) Name: _____
Company: _____
Position: _____
Contact Number: _____
Responsibilities: _____

3) Name: _____
Company: _____
Position: _____
Contact Number: _____
Responsibilities: _____

5) Name: _____
Company: _____
Position: _____
Contact Number: _____
Responsibilities: _____

6) Name: _____
Company: _____
Position: _____
Contact Number: _____
Responsibilities: _____

7) Name: _____
Company: _____
Position: _____
Contact Number: _____
Responsibilities: _____

7.2.2 Nature of Construction Activities Form C.6

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

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

Total Project Area (includes areas to be left undisturbed): 20.44 acres
Construction site Area (including staging and storage areas): 1.37 acres

Scope of Work:

The scope of work for this project consists of paving asphalt highway shoulders, installing centerline and edgeline rumble strips, signage, striping, installing guardrail and guardrail end treatments, and minor drainage grading.

{The locations of the staging and storage areas shall be within the State Right of Way Project Area (Please see attached Construction Plans for more information). The Contractor shall submit to the Engineer the proposed location(s) 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 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 effected public services. *The declaration of emergency or imminent threat to public health is required to be from the state governor or the director.*

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:	

<i>Sub-Contractor #1 Company Name: [ADD SUB-CONTRACTOR INFO]</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 #2 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 #3 Company Name, as needed:</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 #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>	
<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>	

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. Include a description of the intended sequence of construction activities, a schedule of the estimated start dates, and the duration of the activity for the following activities:

{The Contractor shall submit to the Engineer 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 the sequence and schedule for installation of storm water control measures and of any departures from manufacturer specifications, including removal procedures of the storm water control measures after construction has ceased.*
- ☐ *Commencement and duration of earth-disturbing activities, including clearing and grubbing, mass grading, site preparation (i.e., excavating, cutting and filling), final grading, and creation of soil and vegetation stockpiles requiring stabilization.*
- ☐ *Cessation, temporarily or permanently, of construction activities on the site, or in designated portions of the site.*
- ☐ *Final or temporary stabilization of areas of exposed soil.*
- ☐ *Removal of temporary storm water conveyances/channels and other storm water control measures, removal of construction equipment and vehicles, and cessation of any pollutant-generating activities.*

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.

Legal boundaries of the project. **See Attachment A “Legal Boundary Map”**

- a. Locations where earth-disturbing activities will occur, noting any sequencing of construction activities. **See Attachment A “Construction Plans” (Sheets 12 to 19)**
- b. Approximate slopes before and after major grading activities and drainage patterns with flow arrows. **See Attachment A “Discharge Points Location Map”**

- c. Locations where sediment, soil, or other construction materials will be stockpiled.

See Attachment A “Construction Plans”

The Contractor shall submit to the Engineer for his review and acceptance any updates/changes to stockpile areas during construction for inclusion in the SWPPP.

- d. Locations of any contaminated soil or contaminated soil stockpiles **No known contaminated soil.**

- e. Locations of any crossings of state waters

See Attachment A “Discharge Points Location Map”

- f. Designated points on the site where vehicles will exit onto paved roads *[The locations of the staging and storage areas shall be within the State Right of Way Project Area (Please see attached Construction Plans for more information). The Contractor shall submit to the Engineer the proposed location(s) of his staging and storage areas once the project is awarded for review and acceptance].*

- g. Location(s) of structures and other impervious surfaces upon completion of construction. **See Attachment A “Construction Plans” (Sheets 12 to 19)**

- h. Locations of construction support activity areas covered by this permit. **Contractor to submit at least 30 calendar days before start of construction activities.**

The Contractor shall submit to the Engineer the proposed locations(s) of his 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.

- 7.2.6.2. Locations of all state waters, including wetlands, that exist within or in the immediate vicinity of the site and indicate with waterbodies are listed as impaired.

See Attachment A “Discharge Points Location Map”

No impaired waterbodies within vicinity of the site.

- 7.2.6.3. The boundary lines of any natural buffers provided. **N/A**

- 7.2.6.4. 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. **For Topography of the site and existing cover, see Attachment A “Construction Plans”. For drainage patterns, see Attachment A “Discharge Points Location Map”.**

- 7.2.6.5. Storm water discharge locations, 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 and locations where storm water will be discharged to state waters. **See Attachment A “Discharge Points Location Map”**
- 7.2.6.6. Locations of all potential pollutant-generating activities identified in section 7.2.7. **Will be submitted at least 30 calendar days before the start of construction activities.**
- 7.2.6.7. Locations of storm water control measures. **Will be submitted at least 30 calendar days before the start of construction activities.**
- 7.2.6.8. Locations where chemicals will be used and stored. **Will be submitted at least 30 calendar days before the start of construction activities.**

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 Engineer's review and acceptance any departures from the manufacturer's specifications for applying fertilizers containing nitrogen and phosphorus, under Attachment J.

All solid waste shall be disposed of at County of Hawaii Solid Waste facilities.

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 <i>*Applicable</i>	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Proposed Rumble Strip installation, Grading, Paving, Signage & Striping
Materials associated with the operation and maintenance of equipment, such as oil, fuel, and hydraulic fluid leakage <i>*Applicable</i>	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Proposed Rumble Strip installation, Grading, Paving, Signage & Striping
Soil erosion from the disturbed areas <i>*Applicable</i>	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Proposed Rumble Strip installation, Grading and Paving
Sediment from soil stockpiles <i>*Applicable</i>	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Soil Stockpile
Emulsified asphalt or prime/tack coat	<ul style="list-style-type: none"> See Section 7.2.10 for Site Specific BMPs 	Proposed Paving and Rumble Strip installation

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 County of Hawaii Solid Waste facilities.

Source	Description of How Potential Non-Storm Water will not be Discharged to State Waters	Major Construction Activity
Dust Control Water <i>* Applicable</i>	<ul style="list-style-type: none">See Section 7.2.10 for Site Specific BMPs	Proposed Rumble Strip installation, Grading and Paving
Sanitary/Septic Waste <i>*Applicable</i>	<ul style="list-style-type: none">See Section 7.2.10 for Site Specific BMPs	On site Sanitary Facilities

7.2.9 –Buffer Documentation

If required to comply 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. Delineate, and clearly mark off, with flags, tape, or other similar marking device all natural buffer areas.

Check, as applicable:

☒ Option 1

Provide and maintain a 50-foot undisturbed natural buffer and sediment control.

Note: If the earth disturbances are located 50 feet or further from a state water and have installed sediment control, then the permittee has complied with this alternative. If the buffer is located outside State Highways Right of Way, include written permission from the owner of the land in 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 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 is not required to comply with the requirements in this section. This includes situations where control measures have been implemented, such as a berm or other barrier that will prevent such discharges.

☐ Exception 2

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

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

Kamakoa Gulch crosses the project site (Mamalahoa Highway) through culverts between station 194 to 195, and station 236 to 237. However, the earth disturbance related to this project is more than 50 feet away from the gulch flow path in both cases. Please refer to section 7.2.10 for erosion and sediment control measures utilized to treat storm water discharges.

7.2.10 Storm Water Control Measures

Please refer to HDOT Construction Best Management Practices Field 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 Engineer 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.

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

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

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

☐ *For exit points on the site (or any areas which exit onto a paved street), stabilization techniques and any additional controls that are planned to remove sediment prior to vehicle exit will be taken and are described below.*

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

Silt fences will be installed and maintained around the down slope of the project work areas to capture any sediment from runoff.

Note: All references made in this section refer to the corresponding sections of the HDOT Construction Best Management Practices Field Manual

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
Construction debris, green waste, general litter <i>*Applicable</i>	<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. • The Contractor shall submit for the Engineer's review and acceptance and SWPPP inclusion a Litter Management Plan. 	<p>See Solid Waste Management Section SM-6. Provide Perimeter Sediment Controls where applicable.</p> <p>Contractor to include Litter Management plan once the project is awarded.</p>

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
<p>Materials associated with the operation and maintenance of equipment, such as oil, fuel, and hydraulic fluid leakage</p> <p><i>*Applicable</i></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 vehicles and equipment to absorb spills or leaks. • Provide an ample supply of readily available spill cleanup materials. • Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly. • Do not clean surfaces or spills by hosing the area down. • Eliminate the source of the spill to prevent a discharge or a continuation of an ongoing discharge. • Inspect on-site vehicles and equipment regularly and immediately repair leaks. • Regularly inspect fueling areas and storage tanks. • Train employees on proper maintenance and spill practices and procedures and fueling and cleanup procedures. • Store diesel fuel, oil, hydraulic fluid, or other petroleum products or other chemicals in water-tight containers and provide cover or secondary containment. • Do not remove original product labels and comply with manufacturer's labels for proper disposal. 	<p>See Vehicle and Equipment Cleaning, Maintenance, and Refueling, Sections SM-11, SM-12, and SM-13, and Material Delivery, Storage and Material Use Sections SM-2 and SM-3, and Spill Prevention and Control SM-10.</p>

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<ul style="list-style-type: none">• Dispose of containers only after all products have 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 SM-11, SM-12, and SM-13 and Material Use Section SM-3 for additional requirements.	

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
Soil erosion from the disturbed areas <i>*Applicable As Noted</i>	<ul style="list-style-type: none"> • Provide Soil Stabilization, Slope Protection, Storm Drain Inlet Protection SC-2, Perimeter Controls and Sediment Barriers, Sediment Basins and Detention Ponds, Check Dams SC-9 ,Level Spreader SC-10, Paving Operations SM-19, Construction Road Stabilization EC-1, Controlling Storm Water Flowing Onto and Through the Project, Post-Construction BMPs, and Non-Structural BMPs (Employee Training SM-1, Scheduling SM-14, Location of Potential Sources of Sediment SM-15, Preservation of Existing Vegetation SM-16) . • 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. • Sediment basins shall be designed and maintained in accordance with HAR 11-55. • Minimize disturbance on steep slopes (Greater than 15% in grade). • If disturbance of steep slopes are unavoidable, phase disturbances and use stabilization techniques designed for steep grades. • For temporary drains and swales use velocity dissipation devices within and at the outlet to minimize erosive flow velocities. 	<p>Soil Stabilization</p> <ol style="list-style-type: none"> 1. SM-21 Topsoil Management 2. EC-5 Seeding and Planting 3. EC-6 Mulching 4. EC-7 Geotextiles and Mats <p>Slope Protection</p> <ol style="list-style-type: none"> 1. EC-5 Seeding and Planting 2. EC-6 Mulching 3. EC-7 Geotextiles and Mats 4. EC-9 Slope Roughening, Terracing, and Rounding 5. SC-11 Slope Drains and Subsurface Drains 6. SC-12 Top and Toe of Slope Diversion Ditches and Berms <p>Perimeter Controls and Sediment Barriers</p> <ol style="list-style-type: none"> 1. SC-1 Silt Fence 2. SC-5 Vegetated Filter Strips and Buffers 3. SC-8 Compost Filter Berm 4. SC-13 Sandbag Barrier 5. SC-14 Brush or Rock Filter

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
		<p>Sediment Basins and Detention Ponds</p> <ol style="list-style-type: none"> 1. SC-15 Sediment Trap 2. SC-16 Sediment Basin <p>SC-9 Check Dams</p> <p>SC-10 Level Spreader</p> <p>SM-19 Paving Operations</p> <p>EC-1 Construction Road Stabilization</p> <p>Controlling Storm Water Flowing onto and Through the Project</p> <ol style="list-style-type: none"> 1. EC-8 Run-On Diversion 2. SC-6 Earth Dike 3. SC-7 Temporary Drains and Swales <p>Post Construction BMPs</p> <ol style="list-style-type: none"> 1. EC-4 Flared Culvert End Sections 2. SC-3 Rip-Rap and Gabion Inflow Protection 3. SC-4 Outlet Protection and Velocity Dissipation Devices 4. SM-21 Topsoil Management

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
Sediment from soil stockpiles <i>*Applicable</i>	<ul style="list-style-type: none"> • Locate stockpiles a minimum of 50 feet or as far as practicable from concentrated runoff. • Place bagged materials on pallets and under cover. • Provide physical diversion to protect stockpiles from concentrated runoff. • Cover stockpiles with plastic or comparable material when practicable • Place silt fence, fiber filtration tubes, or straw wattles around stockpiles. • Do not hose down or sweep soil or sediment accumulated on pavement or other impervious surfaces into any storm water conveyance (unless connected to a sediment basin, sediment trap, or similarly effective control), storm drain inlet, or state water. • Unless infeasible, contain and securely protect stockpiles from the wind. • See Protection of Stockpiles Section SM-4 for additional requirements. 	See Protection of Stockpile Section SM-4

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
Emulsified asphalt or prime/tack coat * <i>Applicable</i>	<ul style="list-style-type: none"> • Provide training for employees and contractors on proper material delivery and storage practices and procedures. • Restrict paving operations during wet weather to prevent paving materials from being discharged. • Use asphalt emulsions such as prime coat when possible. • Keep ample supplies of drip pans and absorbent materials on site. • See Material Delivery and Storage Section SM-2 and Paving Operations Section SM-19 for additional requirements. 	See Material Delivery and Storage Section SM-2, Material Use Section SM-3, and Paving Operations Section SM-19
Materials associated with painting, such as paint and paint wash solvent * <i>Applicable</i>	<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. 	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, and Perimeter Sediment Controls where applicable.

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<ul style="list-style-type: none"> • Locate on-site wash area a minimum of 50 feet away or as far as practicable from 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 comply 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. • See Material Delivery and Storage Section SM-2, Material Use SM-3, Waste Management, Hazardous Waste Management Section SM-3, Waste Management, Spill Prevention and Control Section SM-10, and Structure Construction and Painting Section SM-20 for additional requirements. 	<p>See Material Delivery and Storage Section SM-2, Material Use Section SM-3, Hazardous Waste Management Section SM-9, Waste Management, Spill Prevention and Control Section SM-10, and Structure Construction and Painting Section SM-20.</p>

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
Industrial chemicals <i>*Applicable As Noted</i>	<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. • Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly. • Do not clean surfaces or spills by hosing the area down. • Eliminate the source of the spill to prevent a discharge or a furtherance of an ongoing discharge. • Dispose container only after all of the product has been used. • Retain a complete set of safety data sheets (formerly MSDS) on site. • Store industrial chemicals in water-tight containers and provide either cover or secondary containment. • Do not apply to stormwater conveyance channels with flowing water • Do not dispose of toxic liquid wastes (solvents, used oils, and paints) or chemicals (additives, acids, and curing compounds) in dumpsters allocated for construction debris. • Ensure collection, removal, and disposal of hazardous waste complies with regulations. Hazardous waste that cannot be reused or recycled shall be disposed of by a licensed hazardous waste hauler. 	See Material Delivery and Storage Section SM-2, Material Use Section SM-3, and Hazardous Waste Management Section SM-9, and Spill Prevention and Control SM-10

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<ul style="list-style-type: none"> See Material Delivery and Storage Section SM-2, Material Use SM-3, and Waste Management, Hazardous Waste Management Section SM-9 for additional requirements. 	
Hazardous waste (Batteries, Solvents, Treated Lumber, etc.) <i>*Applicable</i>	<ul style="list-style-type: none"> Do not dispose of toxic materials in dumpsters allocated for construction debris. Ensure collection, removal, and disposal of hazardous waste complies with regulations. Hazardous waste that cannot be reused or recycled shall be disposed of by a licensed hazardous waste hauler. Segregate and recycle wastes from vehicle/equipment maintenance activities such as used oil or oil filters, greases, cleaning solutions, antifreeze, automotive batteries, and hydraulic and transmission fluids. Store waste in sealed containers, which are constructed of suitable materials to prevent leakage and corrosion, and which are labeled in accordance with applicable Resource Conservation and Recovery Act (RCRA) requirements and all other applicable federal, state, and local requirements. 	See Hazardous Waste Management Section SM-9 and Vehicle and Equipment Maintenance SM-12

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
	<ul style="list-style-type: none"> • All containers stored outside shall be kept away from surface waters and within appropriately- sized secondary containment (e.g., spill berms, decks, spill containment pallets). Provide cover if possible. • Clean up spills immediately, using dry clean-up methods where possible, and dispose of used materials properly. • Do not clean surfaces or spills by hosing the area down. • Eliminate the source of the spill to prevent a discharge or a continuation of an ongoing discharge. • Ensure collection, removal, and disposal of hazardous waste complies with manufacturer's recommendations and is in compliance with federal, state, and local requirements. • See Hazardous Waste Management Section SM-9 and Vehicle and Equipment Management, Vehicle and Equipment Maintenance SM-12 for additional requirements. 	

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
Metals and Building Materials <i>*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 SM-6 for additional requirements. 	See Solid Waste Management Section SM-6
Dust Control Water <i>*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 SM-18 	See Dust Control Section SM-18

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
Sediment Track-Out * <i>Applicable</i>	<ul style="list-style-type: none"> • Include Stabilized Construction Entrance at all points that exit onto paved roads. • A sediment trapping device is required if a wash rack is used in conjunction with the stabilized construction entrance/exit. • The pavement shall not be cleaned by washing down the street. • If sweeping is ineffective or it is necessary to wash the streets, wash water must be contained either by construction of a sump, diverting the water to an acceptable disposal area, or vacuuming the wash water. • Use BMPs for adjacent drainage structures. • Remove sediment tracked onto the street by the end of the day in which the track-out occurs. • Restrict vehicle use to properly designated exit points. • Include additional BMPs that remove sediment prior to exit when minimum dimensions can not be met. • See Stabilized Construction Entrance Section EC-2 for additional requirements. 	See Stabilized Construction Entrance/Exit Section EC-2

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
Irrigation Water <i>*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 EC-5 	See Seeding and Potable Water/Irrigation Section EC-5
Saw-cutting Slurry <i>*Applicable</i>	<ul style="list-style-type: none"> • Saw cut slurry shall be removed from the site by vacuuming. • See Paving Operations Section SM-19 for additional requirements. 	See Paving and Section SM-19.

<i>Pollutant Source</i>	<i>Appropriate Site-Specific BMP to be Implemented</i>	<i>BMP Requirements</i>
Water-Jet Wash Water <i>*Applicable</i>	<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 <i>*Applicable</i>	<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 SM-7 for additional requirements. 	See Sanitary/Septic Waste Section SM-7.

7.2.10.2 – Stabilization Practices

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

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

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

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

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

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

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

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 Engineer the schedule the Contractor will follow for initiating and completing initial stabilization and as agreed to by the Engineer. Include this information in this SWPPP.

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

Final Stabilization

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

5.2.2.1. Vegetative stabilization.

5.2.2.1.1.1.

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

5.2.2.1.1.2.

For final stabilization, vegetative cover must be perennial; and

5.2.2.1.1.3.

Immediately after seeding or planting the area to be vegetatively stabilized, to the extent necessary to prevent erosion on the seeded or planted area, the Contractor shall install non-vegetative erosion controls that provide cover (e.g., mulch, rolled erosion control products) to the area while vegetation is becoming established.

5.2.2.2. Non-Vegetative Stabilization.

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

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

7.2.10.3 – Post Construction Measures

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

outfall channels; and other appropriate measures. All projects require post-construction BMPs to minimize the discharges of pollutants via storm water discharges after construction operations have finished.

7.2.11.1 – Spill Prevention and Response Procedures

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

- a. Procedures for expeditiously stopping, containing, and cleaning up spills, leaks, and other releases. Identify the name or position of the employee(s) responsible for detection and response of spills or leaks; and*
- b. Procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies where a leak, spill, or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity. and established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302, occurs during a 24-hour period. The Contractor shall post contact information in locations that are readily accessible and available.*

Where a leak, spill, or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302 occurs during a 24-hour period, the Contractor shall notify the National Response Center (NRC) at (800) 424-8802, the Clean Water Branch during regular business hours at 586-4309, and the Hawaii State Hospital Operator at 247-2191, the Clean Water Branch (DOH-CWB) via email at cleanwaterbranch@doh.hawaii.gov during non-business hours immediately, and the Engineer. The Contractor shall also provide to the Engineer, 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 Engineer will provide this information to the DOH-CWB. The Engineer 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 Engineer information necessary to complete the reporting requirements.

- ☒ The Spill Prevention and Response Procedures are included in SWPPP Attachment F.
The Contractor shall provide the Spill Prevention and Response Procedures in the SWPPP once the project is awarded for the Engineer's review and acceptance.

7.2.11.2 – Waste Management Procedures

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

- ☒ The Waste Management Procedures are included in SWPPP Attachment G.

The Contractor shall provide the Waste Management Procedures in the SWPPP once the project is awarded for the Engineer's review and acceptance.

7.2.12 – Procedures for Inspection, Maintenance, and Corrective Action

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

a. Personnel responsible for conducting inspections: *Designations of Field Office Engineer and/or Inspector, and Contractor Representatives will be included in the SWPPP once the contract is awarded.*

Qualifications: *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.*

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

Describe the inspection schedules and procedures you have developed for the site. Include the maintenance requirements for each BMP (e.g., level of sediment buildup allowed):
All Construction BMPs shall be inspected weekly. The Contractor shall submit a copy of the SWPPP Inspection and Maintenance Report Form to the Engineer within 24 hours of the inspection.

c. Use the Corrective Action Report Form for any the following:

- *A required storm water control was never installed, was installed incorrectly, or not in accordance with the requirements .*
- *The Contractor/Engineer becomes aware that the storm water controls installed and being maintained are not effective enough for the discharge to meet applicable water quality standards or applicable requirements.*
- *One of the prohibited discharges below is occurring or has occurred:*
 - *Wastewater from washout of concrete*
 - *Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials*
 - *Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance*
 - *Soaps, solvents, or detergents used in vehicle and equipment washing*
 - *Toxic or hazardous substances from a spill or other release*
- *Corrective actions required by the Department of Health or Environmental Protection Agency (EPA)*

Note: *Corrective actions must be included with the monthly compliance report in Attachment J.*

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

- ☒ The Inspection Report Form provided in SWPPP Attachment E will be used.
- ☒ The Corrective Action Report Form provided in SWPPP Attachment I 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 Contractor shall ensure that the following personnel understand the requirements and their specific responsibilities with respect to those requirements:

- a. Personnel who are responsible for the design, installation, maintenance, and/or repair of storm water controls (including pollution prevention measures);*
- b. Personnel who are responsible for the application and storage of chemicals (if applicable);*
- c. Personnel who are responsible for conducting inspections as required in Part 4.1.1; and*
- d. Personnel who are responsible for taking corrective actions as required in Part 5.*

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

At a minimum, personnel must be trained to understand the following if related to the scope of their job duties (e.g., only personnel responsible for conducting inspections need to understand how to conduct inspections):

- a. The location of all storm water controls on the site required by this permit, and how they are to be maintained;*

- b. The proper procedures to follow with respect to the permit's pollution prevention requirements; and
- c. When and how to conduct inspections, record applicable findings, and take corrective actions.

☒ The HDOT SWPPP Training Log provided in Attachment B will be used.

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 H.

7.2.15.1 –Contractor Information

Contractor Legal Name: _____
Address: _____
Contact Person's Name: _____
Contact Person Position: _____
Telephone Number: _____
Email Address: _____

7.2.15.2 –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.
- ☐ 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 H)

7.2.16 –Other Information As Requested by the Director

- ☐ Does DOH require any additional information? If so attach in Attachment H.

N/A

7.2.17 Certification of the CWB SWPPP

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

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

Signature: _____ *Date:* _____

Person Name: _____

Person Position Title: _____

Person Company or Agency: _____

Department: _____ *Division:* _____

Phone Number: _____ *Fax No.:* _____

Person Email: _____

7.2.18 Post-Authorization Additions to the SWPPP

After the issuance of the NGPC the permittee shall include the following documents as part of the SWPPP:

- a. A copy of the NOI submitted to the department along with any correspondence exchanged between the permittee and the department 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 also acceptable).*

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.

7.4.1.2.

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

7.4.1.3.

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

7.4.1.4.

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

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

The owner or its duly authorized representative shall prepare a monthly compliance report, which shall include but is not limited to information as required in this general permit and NGPC, any incidences of non-compliance and corrective actions. The monthly compliance report shall be kept on-site and available by the end of the next business day when requested by DOH. Upon DOH receiving EPA's Cross-Media Electronic Reporting Regulation (CROMERR), the monthly compliance reports shall be submitted through the e-Permitting Portal. Any comments provided by DOH shall be answered in the time specified and to the satisfaction of DOH. If the activity is in compliance and none of the information on file with DOH requires updating, or there were no incidences of non-compliance, preparation of the monthly compliance information is still required which states that there were "no changes, updates, or any incidences of non-compliance to report.

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

☒ HDOT's form in Attachment J will be used.