

Attachment E – Contingency Plan**CONTINGENCY PLAN****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 contractors associated with the following construction project Likelike Highway Resurfacing, School Street to Emmeline Place will follow this plan when a severe storm is either forecast or anticipated or as directed by the Engineer. 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 Site's SSCBMP Plan. This includes BMPs for materials management, spill prevention, and erosion and sediment control. To protect human health, the Engineer 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 SSCBMP plan.
 - 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 SSCBMP plan. 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 Engineer 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:
(HDOT Construction Resident Engineer/Project Engineer/Construction Inspector)_____

2. Authorized Representative/ Emergency Contact Number:
(HDOT District Engineer or designated representative who can contact Authorized Representative_____

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

4. Department of Health

Clean Water Branch (During regular working hours): 808-586-4309

Hawaii State Hospital Operator (After hours): 808-247-2191

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.