

CATEGORY 5 EROSION AND SEDIMENT CONTROLS CHECKLIST DESIGN REQUIREMENTS GUIDE

The purpose of this checklist is to provide useful information for the compliance of **Category 5 Construction Projects** within the City and County of Honolulu with storm water erosion and sediment control requirements. This checklist incorporates *Rules Relating to Water Quality requirements (effective December 24, 2018)*, as well as certain applicable requirements from *Appendix C, the NPDES General Permit Authorizing Discharges of Storm Water Associated with Construction Activity (effective February 9, 2019)*.

This checklist is not intended to summarize, supersede or contradict the regulations; please refer to the rules for a complete listing of requirements.

Project Name: _____

Project Location: _____

Tax Map Key: _____

Disturbed Area (acres or square feet): _____

| Category 5 ESCP Requirements | |
|--|--|
| <input type="checkbox"/> | Prepared by a Certified ESCP Preparer when training becomes available; in the interim, a Hawaii-licensed Civil Engineer |
| The following site features have been included on the plans: | |
| <input type="checkbox"/> | Location map showing the name, coordinates, and classification (e.g., Class 1, 2, Class A, Class AA waters) of State Receiving Waters |
| <input type="checkbox"/> | Vicinity map showing the location of streams, channels, and drainage structures located within 100 feet of the Project Site |
| <input type="checkbox"/> | Location of the 100-year flood plain |
| <input type="checkbox"/> | Existing and finished contours of the site |
| <input type="checkbox"/> | Existing and final drainage patterns and discharge points |
| <input type="checkbox"/> | Proposed structures, impervious areas, existing vegetation, final landscaping conditions, and appurtenant improvements |
| <input type="checkbox"/> | Erosion control notes including non-structural BMPs |
| <input type="checkbox"/> | BMP Site Plan, drawn to scale, which depicts the outline of buildings and structures, provides a clear delineation of disturbed areas, and the proximate location of proposed BMPs |
| <input type="checkbox"/> | BMP design details and notes clearly identifying temporary BMPs, permanent BMPs, a schedule for BMP implementation, and BMP maintenance activities |
| <input type="checkbox"/> | List or table of preconstruction, during construction, and post construction BMPs |
| <input type="checkbox"/> | Any additional information required by the director |
| Erosion Control BMPs | |
| <input type="checkbox"/> | Project Planning and Design |
| <input type="checkbox"/> | Project Scheduling |
| <input type="checkbox"/> | Slope Management and Protection |

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| Erosion Control BMPs (continued) | |
|---|--|
| <input type="checkbox"/> | Temporary Stabilization |
| <input type="checkbox"/> | Permanent Stabilization |
| <input type="checkbox"/> | Diversion BMPs to divert runoff from upstream areas around disturbed areas of the Site |
| <input type="checkbox"/> | Velocity Dissipation Devices |
| <input type="checkbox"/> | Preserve Existing Vegetation |
| <input type="checkbox"/> | Minimize Soil Compaction |
| Sediment Control BMPs | |
| <input type="checkbox"/> | Storm Drain Inlet Protection |
| <input type="checkbox"/> | Perimeter Controls |
| <input type="checkbox"/> | Buffer Zones |
| <input type="checkbox"/> | Sediment Traps (required for Category 5 disturbing less than 5 acres) |
| <input type="checkbox"/> | Sediment Basins (required for Category 5 disturbing 5 acres or greater) |
| <input type="checkbox"/> | Sediment Barriers |
| Good Housekeeping BMPs | |
| <input type="checkbox"/> | BMP and Site Maintenance |
| <input type="checkbox"/> | Dust Control |
| <input type="checkbox"/> | Material Delivery, Storage and Use BMPs |
| <input type="checkbox"/> | Stockpile Management BMPs |
| <input type="checkbox"/> | Spill Prevention and Control BMPs |
| <input type="checkbox"/> | Solid Waste Management BMPs |
| <input type="checkbox"/> | Hazardous Waste Management BMPs |
| <input type="checkbox"/> | Contaminated Soil Management BMPs |
| <input type="checkbox"/> | Concrete Waste Management BMPs |
| <input type="checkbox"/> | Sanitary/Septic Waste Management BMPs |
| <input type="checkbox"/> | Liquid Waste Management BMPs |
| <input type="checkbox"/> | Vehicle and Equipment Cleaning BMPs |
| <input type="checkbox"/> | Vehicle and Equipment Fueling BMPs |
| <input type="checkbox"/> | Vehicle and Equipment Maintenance BMPs |
| <input type="checkbox"/> | Tracking Control |
| <input type="checkbox"/> | Stabilized Construction Entrance and Exit |
| <input type="checkbox"/> | Dewatering Operations BMPs |

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| Erosion and Sediment Control Notes |
|---|
| <input type="checkbox"/> DPP's Construction BMP Standard Details |
| <input type="checkbox"/> If any of the BMPs listed above are not included in an ESCP for a Category 5 Project, the ESCP Notes shall provide a list of the omitted BMPs with a brief <u>explanation</u> of why each omitted BMP is unnecessary or impracticable for the project |
| The following inspection notes have been included under the "Project Sequence" heading: |
| Inspection frequency: <ul style="list-style-type: none"> - Once every 7 days - Within 24 hours of each 0.25" or greater storm event, if any portion of your site discharges to an impaired water <input type="checkbox"/> |
| Inspector must complete a report within 48 hours of an inspection <ul style="list-style-type: none"> - Use DPP's Appendix D – Construction Site BMPs Inspection Checklist for NPDES Permitted Construction Projects - Maintain all inspection reports in a "Project Log" <input type="checkbox"/> |
| Changes to the ESCP |
| Minor changes should be noted on the site copy of the ESCP and initialed by a DPP inspector |
| Major changes must be proposed to the Director in writing and approved before work resumes |
| ESCP Coordinator Information |
| Designating an ESCP Coordinator: |
| Use Appendix A , and have it signed by the Property Owner or Authorized Agent |
| An ESCP Coordinator must be appointed <u>prior to permit issuance</u> . However, the ESCP can still be submitted initially for review without designating an ESCP Coordinator (if not known at the time) |
| Changes to the ESCP Coordinator must be submitted to DPP in writing immediately for acceptance |
| NPDES Construction Stormwater Permit Coverage |
| <input type="checkbox"/> Notice of Intent (NOI) submitted for General Permit Coverage or Permit Application for an Individual Permit Permit/NGPC File No. (if available): _____ |
| <input type="checkbox"/> Storm Water Pollution Prevention Plan (SWPPP) prepared |
| <input type="checkbox"/> NOI and SWPPP included in the bid documents |
| <input type="checkbox"/> Notes have been included that address NPDES requirements during construction, such as: notifying DOH upon the start of construction, updating the SWPPP as required, etc. |