

Appendix D1: BMP Checklist for Construction Site Plan  
Approval



## City and County of Honolulu 2013<sup>(1)</sup> Best Management Practices (BMP) Plan Reviewer Checklist

Project: \_\_\_\_\_  
 Permit/Application No.: \_\_\_\_\_ Site Location: \_\_\_\_\_  
 Owner/Developer Name: \_\_\_\_\_ TMK: \_\_\_\_\_  
 Size of Project: \_\_\_\_\_ Acres or \_\_\_\_\_ Sq. Ft.  
 Consultant: \_\_\_\_\_

### Construction Site BMP Requirements

- Category 1 Projects** <sup>(2)</sup>
- ✓ Proposed BMPs submitted by applicant (must meet Minimum BMPs for Small Projects)
  - ✓ Minimum BMP Checklist for Small Projects attached

- Category 2 Projects** <sup>(2)</sup>
- ✓ Proposed BMPs submitted by applicant (must meet Minimum BMPs for Small Projects)
  - ✓ Minimum BMP Checklist for Small Projects attached

- Category 3 Projects** <sup>(2)</sup>
- ✓ Minimum BMP Checklist for Large Projects attached
  - ✓ Minimum BMPs shown on Grading Plans

- Category 4 Projects** <sup>(2)</sup>
- ✓ Minimum BMP Checklist for Large Projects attached
  - ✓ City-Approved Erosion Control Plan and Erosion Control Calculations

- Category 5 Projects (one acre or greater of disturbed area)** <sup>(3)</sup>
- ✓ City-approved Erosion Control Plan and Erosion Control Calculations
  - ✓ Proof of Notice of Intent (NOI) has been filed with DOH for coverage under the State NPDES General Permit Authorizing Discharge of Storm Water Associated with Construction Activity; or Applicant informed that a NOI is required prior to issuance of Building or Grading Permit

- Discharge to Class I or Class AA Waters (one acre or greater of disturbed area)**
- ✓ Refer to requirements listed in “*Rules Relating to Soil Erosion Standards and Guidelines*” (April 1999), Part 1-3.1 (page 9) and 1-3.2 (page 13)

Category	Description
1	Projects not required to get a grading permit but which require a building permit and where grading, stockpiling or grubbing is to occur.
2	Projects which require a grading permit where the area of zoning lot or portion thereof subject to the permit is less than 15,000 square feet for single-family or two-family dwelling uses and less than 7,500 square feet for other uses.
3	Projects which require a grading permit where the area of zoning lot or portion thereof subject to the permit is 15,000 square feet or more for single-family or two-family dwelling uses, or 7,500 square feet or more for other uses, but where total area graded is less than 15,000 square feet for single-family or two-family dwelling uses or less than 7,500 square feet for other uses.
4	Projects which require a grading permit where the area including any areas developed incrementally that is to be graded is 15,000 square feet or more for single-family or two-family dwelling uses, or 7,500 square feet or more for other uses, or in the event a proposed cut or fill is greater than 15 feet in height for single-family or two-family dwelling uses, or 7.5 feet in height for other uses.
5	Projects which require a grading permit where the total area including any areas developed incrementally that is to be graded is <b>one acre or greater of disturbed area</b> or which require an NPDES General Permit Authorizing Discharges of Storm Water Associated with Construction Activity issued by the State of Hawaii Department of Health.

Reviewed by Name/Title: \_\_\_\_\_ Date: \_\_\_\_\_  
 Agency: \_\_\_\_\_  
 Comments: \_\_\_\_\_

(1) As required by Section D.1.d(1)(3) of the City and County of Honolulu’s National Pollutant Discharge Elimination System (NPDES) Permit (Permit No. HI S000002), effective June 24, 2011  
 (2) The City and County of Honolulu, Department of Planning and Permitting, “*Rules Relating to Soil Erosion Standards and Guidelines*” (April 1999).

City and County of Honolulu  
**2013<sup>(1)</sup> Best Management Practices (BMP)  
Plan Reviewer Checklist**

**Development or Redevelopment Post-Construction BMP Requirements<sup>(2)</sup> for  
Priority A projects**

(Projects which disturb an area of 1 acre or greater during construction)

**Project:** \_\_\_\_\_

**Construction Plan (CP) No.:** \_\_\_\_\_ **Site Location:** \_\_\_\_\_

**Owner/Developer Name:** \_\_\_\_\_ **TMK:** \_\_\_\_\_

**Size of Project (Acres or Sq.Ft.)** \_\_\_\_\_

**Consultant:** \_\_\_\_\_

**Type of Project:**

- Priority A1  Priority A2  
 Water Quality Report/Water Quality Checklist submitted (filed with the City after final review)

Select the appropriate type(s) of management practices included in the Storm Water Quality Report or Checklist

**1. LID Site Design.**

- Conserve natural areas, soils, and vegetation  Minimize soil compaction  
 Minimize disturbances to natural drainages  Minimize impervious surface  
 Direct Runoff to Landscaped Areas

**2. Source Control BMPs**

- None  
 Storm drain inlets have stencils/ placards  
 Runoff Management  
 Landscaping incorporated into drainage design  
 Pavement graded to direct runoff to landscaped areas  
 Landscaped areas  
 Irrigation systems designed to minimize excess irrigation water runoff  
 Shutoff devices used to prevent irrigation during/after precipitation  
 Outdoor trash storage  
 Areas graded and/or paved to prevent storm water run-on/runoff  
 Drip pans used underneath dumpsters  
 Roof, awning, or attached lid used over the dumpster area  
 Low containment berm installed around dumpster area  
 Loading docks  
 Loading dock areas covered or design to preclude run-on/runoff.  
 Loading/unloading area graded and/or bermed to a drain that is connected to a dead-end.  
 Loading areas paved with concrete instead of asphalt.  
 Runoff from depressed loading docks (truck wells) prevented from discharging into storm drain systems; treated prior to discharge

(1) As required by Section D.1.d(1)(3) of the City and County of Honolulu's National Pollutant Discharge Elimination System (NPDES) Permit (Permit No. HI S000002), effective June 24, 2011

(2) The City and County of Honolulu, Department of Planning and Permitting, "Rules Relating to Storm Drainage Standards" (January 2000, amended December 2012)

**3. Retention Treatment Control BMPs**

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Bioretention Basin | <input type="checkbox"/> Infiltration Basin      | <input type="checkbox"/> Infiltration Trench |
| <input type="checkbox"/> Permeable Pavement | <input type="checkbox"/> Subsurface Infiltration | <input type="checkbox"/> None                |
| <input type="checkbox"/> Dry Well           |  |  |

**4. Biofiltration Treatment Control BMPs**

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Vegetated Bio-Filter   | <input type="checkbox"/> Enhanced Swale  | <input type="checkbox"/> Downspout Disconnection |
| <input type="checkbox"/> Green Roof             | <input type="checkbox"/> Vegetated Swale | <input type="checkbox"/> None                    |
| <input type="checkbox"/> Vegetated Filter Strip | <input type="checkbox"/> Tree Box Filter |  |

**5. Alternative Compliance**

- Other Treatment Control BMP(s):
- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Detention Basin | <input type="checkbox"/> Manufactured Treatment Device | <input type="checkbox"/> Harvest/Reuse |
| <input type="checkbox"/> Sand Filter     | <input type="checkbox"/> Other: _____                  |  |
- Offsite Retention/Biofiltration (proposal attached)
- None. WQV retained and/or biofiltered

**6. Certification**

- Owner's and Architect's/Engineer's certification provided

Reviewed by Name & Title: \_\_\_\_\_ Date: \_\_\_\_\_

Agency: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

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**Deficiencies and Corrective Action Log**

Description of Deficiency Noted/Clarification Needed	Plan Section Involved	Description of Corrective Action(s)	Date Corrective Action Resolved	Design Phase/ Construction (In-Field) Phase

**Note: Attach Site Map of deficiencies for In-Field Use**

**Additional/Follow-Up Comments:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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