

## DESIGN REVIEW CHECKLIST

Project Name: \_\_\_\_\_ Date: \_\_\_\_\_

Designer Name: \_\_\_\_\_ Airport: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Site Location: \_\_\_\_\_

Design Submittal (check one):

Conceptual Design    Schematic Design    Design Development    Construction Document

### CONSTRUCTION ACTIVITY BMPs

#### DESIGNER'S CONSTRUCTION REQUIREMENTS YES   NO   N/A

- |  |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|
| 1. Have construction documents and SWPPP been prepared to meet the requirements of HAR 11-55, App C, SWMPP Section C, and prevent violations of water quality standards? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. The following site features should be included on the plans:  |                          |                          |                          |
| a. Preliminary location, size in square feet, and limits of disturbance  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Location of storm drainage features (e.g. drains, ditches, ocean, etc.) and storm water runoff flow paths   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Location of construction activity BMPs  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Locations of activities that may generate pollutants (e.g. staging area, stockpiles, concrete washout, etc.)  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Location of other potential storm water pollutants  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Have the following permits been applied for (if required):  |                          |                          |                          |
| a. NPDES Application (Construction ≥ 1 acre)?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Other NPDES Application (Dewatering, Hydrotesting, etc.)?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. MS4 Connection Permit (for tenant projects)?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. 401 Water Quality Certification (WQC)?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. 404 Department of the Army (DA) Permit?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Coastal Zone Management (CZM) Permit?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Special Management Area (SMA) Permit?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

#### CONTRACTOR'S CONSTRUCTION REQUIREMENTS YES   NO   N/A

- |   |                          |                          |                          |
|---|--------------------------|--------------------------|--------------------------|
| 4. Have construction documents and SWPPP been updated to meet the requirements of HAR 11-55, App C, SWMPP Section C, and prevent violations of water quality standards? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Does schedule include planning elements such as minimizing disturbed areas and working in the dry season?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Do plans address the following practices and situations:   |                          |                          |                          |
| a. Party responsible for inspections identified?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Schedule and/or triggers for inspection of BMP measures?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

- |  |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|
| c. <u>Operation and maintenance for BMPs identified?</u>           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. <u>Record keeping?</u>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. <u>Rain gauge monitoring at site or using HNL weather data?</u> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. <u>Incident reporting?</u>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**CONSTRUCTION ACTIVITY BMPs NARRATIVE (DESIGNERS AND CONTRACTORS)**

Select all applicable BMPs proposed to be incorporated into the project from SWMPP Section C.

- |                              |                               |                               |                               |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <input type="checkbox"/> C.1 | <input type="checkbox"/> C.9  | <input type="checkbox"/> C.17 | <input type="checkbox"/> C.25 |
| <input type="checkbox"/> C.2 | <input type="checkbox"/> C.10 | <input type="checkbox"/> C.18 | <input type="checkbox"/> C.26 |
| <input type="checkbox"/> C.3 | <input type="checkbox"/> C.11 | <input type="checkbox"/> C.19 | <input type="checkbox"/> C.27 |
| <input type="checkbox"/> C.4 | <input type="checkbox"/> C.12 | <input type="checkbox"/> C.20 | <input type="checkbox"/> C.28 |
| <input type="checkbox"/> C.5 | <input type="checkbox"/> C.13 | <input type="checkbox"/> C.21 | <input type="checkbox"/> C.29 |
| <input type="checkbox"/> C.6 | <input type="checkbox"/> C.14 | <input type="checkbox"/> C.22 | <input type="checkbox"/> C.30 |
| <input type="checkbox"/> C.7 | <input type="checkbox"/> C.15 | <input type="checkbox"/> C.23 | <input type="checkbox"/> C.31 |
| <input type="checkbox"/> C.8 | <input type="checkbox"/> C.16 | <input type="checkbox"/> C.24 | <input type="checkbox"/> C.32 |

Other:

.....

**PERMANENT POST-CONSTRUCTION BMPs (DESIGNERS TO COMPLETE)**

**EXEMPTIONS FROM POST-CONSTRUCTION REQUIREMENTS**

**YES NO N/A**

If any of the exemptions are answered in the affirmative, the designer may skip the remainder of the Post-Construction BMP section. However, the Sustainable High Performance Guidelines may apply.

- |  |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|
| ➤ <u>Trenching and resurfacing associated with utility work.</u>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Resurfacing or replacement of damaged pavement.</u>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Discontinuous sites.</u>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Sites where runoff does not ultimately discharge to a receiving water.</u>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Projects which return the area to pre-development conditions.</u>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Sites where permanent BMPs may be prohibited due to aircraft safety.</u>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Other (provide explanation for proposed exemption). <i>Note that all exemptions are contingent upon approval from DOTA.</i></u> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**POST-CONSTRUCTION PERFORMANCE REQUIREMENTS**

**YES NO N/A**

- |   |                          |                          |                          |
|---|--------------------------|--------------------------|--------------------------|
| 1. <u>Have Low Impact Development (LID) designs been considered first?</u>                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. <u>Have the minimum pollutants of concern been considered (Section C, 3.1.1)?</u>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. <u>Do the proposed permanent BMPs limit targeted pollutants to the MEP using the BAT or BCT?</u> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

4. Is the maintenance requirement for proposed BMPs feasible to conduct?
5. Has the Retrofit Action Plan been reviewed to determine whether an identified retrofit may be appropriate at the site?

<b>OTHER REQUIREMENTS</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
13. <u>Are additional BMPs needed for the project to meet performance standards?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. <u>Will the project cause prohibited discharges of non-storm water?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. <u>Is a shared structural treatment BMP proposed or appropriate?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. <u>For tenants, does this project ensure ongoing BMP maintenance?</u> (Attach Operations and Maintenance Agreement or similar)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**PERMANENT POST-CONSTRUCTION BMP NARRATIVE**

Describe LID designs included:

Select all applicable permanent BMPs proposed to be incorporated into the project design from SWMPP Section D.

- |                              |                               |                               |                               |
|------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <input type="checkbox"/> PC1 | <input type="checkbox"/> PC9  | <input type="checkbox"/> PC17 | <input type="checkbox"/> PC25 |
| <input type="checkbox"/> PC2 | <input type="checkbox"/> PC10 | <input type="checkbox"/> PC18 | <input type="checkbox"/> PC26 |
| <input type="checkbox"/> PC3 | <input type="checkbox"/> PC11 | <input type="checkbox"/> PC19 | <input type="checkbox"/> PC27 |
| <input type="checkbox"/> PC4 | <input type="checkbox"/> PC12 | <input type="checkbox"/> PC20 | <input type="checkbox"/> PC28 |
| <input type="checkbox"/> PC5 | <input type="checkbox"/> PC13 | <input type="checkbox"/> PC21 | <input type="checkbox"/> PC29 |
| <input type="checkbox"/> PC6 | <input type="checkbox"/> PC14 | <input type="checkbox"/> PC22 | <input type="checkbox"/> PC30 |
| <input type="checkbox"/> PC7 | <input type="checkbox"/> PC15 | <input type="checkbox"/> PC23 | <input type="checkbox"/> PC31 |
| <input type="checkbox"/> PC8 | <input type="checkbox"/> PC16 | <input type="checkbox"/> PC24 |                               |

Other:

**Designer / Contractor:** I certify that the design is complete, accurate, and addresses the requirements of SWMPP Section C and D to the best of my knowledge.

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Review:**

DOTA PM Signature: \_\_\_\_\_

Date: \_\_\_\_\_

DOTA AIR-EE Signature: \_\_\_\_\_

Date: \_\_\_\_\_