Instructions:
• In accordance with DOTA’s Construction Site Runoff Control Program, the Designer or Authorized Representative shall submit this Design Review Checklist with each design submittal phase.
• Please ensure to attach all pertinent documents associated with the Construction BMPs as well as Permanent / Post-Construction BMPs.
• AIR-EE will provide comments on the project submittals using a Review Comments spreadsheet. All review comments from AIR-EE have to be addressed to their satisfaction and closed prior to obtaining an approval from AIR-EE. AIR-EE approval is required to start construction activities.

Checklist:
Project Name: _____________________________ Date: _______________________

State Project # (if applicable): ___________________________ Airport: _______________________

Designer Name: _____________________________ Firm: _______________________

Email: _____________________________ Phone: _______________________

Contractor Name (if known): _____________________________ Firm: _______________________

Email: _____________________________ Phone: _______________________

Site Location: _____________________________

Project Description: _____________________________

________________________________________________________

Does the project have additional phases planned? _____________________________

Project Size: ___________ acres

Total Land Disturbance Size (clearing, grubbing, grading, excavation and construction support activities including separate staging, equipment storage, and stockpile areas (as defined in HAR-11-55, App C)): _____________________________ acres

Design Submittal (check one):
☐ 60% Submittal ☐ 90% Submittal ☐ 100% Submittal ☐ Other

DOCUMENTS SUBMITTED (CHECK ALL SUBMITTED)
☐ Project Plan and Specifications ☐ NPDES NOI Form G (Dewatering)
☐ Project Schedule ☐ DOTA Construction Discharge Permit
☐ BMP Plan ☐ PBMP Plans/Product Sheets
☐ SWPPP ☐ PBMP O&M Cost Analysis
☐ NPDES NOI Form C (Construction) ☐ PBMP O&M Plan
☐ NPDES NOI Form F (Hydrotesting) ☐ PBMP O&M Agreement
## CONSTRUCTION ACTIVITY BMPs

### DESIGNER’S CONSTRUCTION REQUIREMENTS

<table>
<thead>
<tr>
<th>Step</th>
<th>Requirement</th>
<th>Yes</th>
<th>No</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Have construction documents and SWPPP been prepared to meet the requirements of HAR 11-55, App C, DOTA’s Construction Activities BMP Field Manual, and prevent violations of water quality standards?</td>
<td></td>
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<td>2.</td>
<td>The following site features should be included on the plans:</td>
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<tr>
<td></td>
<td>a. Preliminary location, size in square feet, and limits of disturbance</td>
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<td></td>
<td>b. Location of storm drainage features (e.g. drains, ditches, ocean, etc.)</td>
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<tr>
<td></td>
<td>and stormwater runoff flow paths</td>
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<td></td>
<td>c. Location of construction activity BMPs</td>
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<td></td>
<td>d. Locations of activities that may generate pollutants (e.g. staging area,</td>
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<tr>
<td></td>
<td>stockpiles, concrete washout, etc.)</td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td>e. Location of other potential stormwater pollutants</td>
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<td>3.</td>
<td>Have the following permits been applied for (if required):</td>
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<tr>
<td></td>
<td>a. NPDES Application (Construction ≥ 1 acre)?</td>
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<td></td>
<td>b. Other NPDES Application (Dewatering, Hydrotesting, etc.)?</td>
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<td></td>
<td>c. Permit to Discharge into the State Airports Drainage System Relating</td>
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<td>to Construction Projects?</td>
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<td></td>
<td>d. 401 Water Quality Certification (WQC)?</td>
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<td></td>
<td>e. 404 Department of the Army (DA) Permit?</td>
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<td></td>
<td>f. Coastal Zone Management (CZM) Permit?</td>
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<td></td>
<td>g. Special Management Area (SMA) Permit?</td>
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</tbody>
</table>
CONSTRUCTION ACTIVITY BMPs NARRATIVE (DESIGNERS)

Select all applicable BMPs proposed to be incorporated into the project from the DOTA’s Construction Activities BMP Field Manual.

☐ C.1: Scheduling
☐ C.2: Preservation of Existing Vegetation
☐ C.3: Location of Potential Sources of Sediment
☐ C.4: Earth Dike
☐ C.5: Temporary Drains and Swales
☐ C.6: Dust Control
☐ C.7: Topsoil Management
☐ C.8: Geotextiles and Mats
☐ C.9: Grass and Planting
☐ C.10: Sand Bag Barrier
☐ C.11: Compost Filter Berm or Sock
☐ C.12: Storm Drain Inlet Protection
☐ C.13: Sediment Trap
☐ C.14: Silt Fence
☐ C.15: Stabilized Construction Entrance
☐ C.16: Construction Road Stabilization
☐ C.17: Dewatering Operations
☐ C.18: Paving Operations and Waste Management
☐ C.19: Structure Construction and Painting
☐ C.20: Vehicle and Equipment Cleaning
☐ C.21: Vehicle and Equipment Refueling
☐ C.22: Vehicle and Equipment Operation and Maintenance
☐ C.23: Concrete Curing Water and Compounds Management
☐ C.24: Hydrotesting Effluent Management
☐ C.25: Water-Jet Wash and Hydro-Demolition Water Management
☐ C.26: Material Delivery and Storage
☐ C.27: Material Use
☐ C.28: Protection of Stockpiles
☐ C.29: Solid Waste Management – Hazardous Waste
☐ C.30: Solid Waste Management – Debris
☐ C.31: Contaminated Soil Management
☐ C.32: Concrete Operation and Waste Management
☐ C.33: Sanitary/Septic Waste Management
☐ C.34: Spill Prevention and Control
☐ C.35: Spill Response Practices
☐ C.36: Management of Materials Associated with Paint

Other:

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August 2019
PERMANENT/POST-CONSTRUCTION BMPs (PBMPs) (DESIGNERS)

EXEMPTIONS FROM POST-CONSTRUCTION REQUIREMENTS

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

- Project only consists of trenching and resurfacing associated with utility work.
- Project only consists of resurfacing or replacement of damaged pavement.
- Sites where runoff does not ultimately discharge to a receiving water.
- Project will return the area to pre-development conditions.
- Sites where PBMPs may be prohibited due to aircraft safety.
- Other (provide explanation for proposed exemption). Note that all exemptions are contingent upon approval from DOTA.

POST-CONSTRUCTION PERFORMANCE REQUIREMENTS

1. Have Low Impact Development (LID) designs been considered first?
2. Have the minimum pollutants of concern been considered (i.e. HNL SWMPP, Section D, 3.1.1)?
3. Do the proposed PBMPs limit targeted pollutants to the Maximum Extent Practicable (MEP)?
4. Is the maintenance requirement for proposed PBMPs feasible to conduct?
5. Has the Retrofit Action Plan been reviewed to determine whether an identified retrofit may be appropriate at the site?

OTHER REQUIREMENTS

1. Are additional BMPs needed for the project to meet performance standards?
2. Will the project cause prohibited discharges of non-stormwater?
3. Is a shared structural treatment PBMP proposed or appropriate?
4. Was a cost analysis for operations and maintenance (O&M) for several PBMP design alternatives included in the project budget to aid in selecting the appropriate device?
5. Are the PBMP Plans and product sheets submitted to AIR-EE for review?
6. Is there a one-year warranty on the PBMP device, service, maintenance program, and training of DOTA personnel/maintenance personnel, where applicable? For tenant-leased spaces, the DOTA Property Management Division should be consulted in order to add information and tenant requirements for PBMP maintenance and lease agreement.

(Provide O&M Agreement or equivalent.)
7. Are PBMP maintenance requirements provided by development and submission of a site-specific PBMP O&M Plan or the use of the DOTA PBMP O&M Manual? Attach PBMP O&M Plan, if applicable.

PERMANENT POST-CONSTRUCTION BMP NARRATIVE

Describe LID designs included:

Select all applicable PBMPs proposed to be incorporated into the project design from the DOTA’s Stormwater Permanent BMP Manual:

- [ ] PC1: Preservation of Existing Vegetation
- [ ] PC2: Grass and Planting
- [ ] PC3: Mulching
- [ ] PC4: Geotextiles, Mats, and Erosion Control Blankets
- [ ] PC5: Vegetated Buffer Strips and Channels
- [ ] PC6: Earth Dikes, Drainage Swales, and Lined Ditches
- [ ] PC7: Slope Drains and Subsurface Drains
- [ ] PC8: Top and Toe of Slope Diversion Ditches/Berms
- [ ] PC9: Outlet Protection/Velocity Dissipation Devices
- [ ] PC10: Flared Culvert End Sections
- [ ] PC11: Slope Roughening / Terracing/Rounding
- [ ] PC12: Level Spreader
- [ ] PC13: Infiltration Trench
- [ ] PC14: Retention Basin
- [ ] PC15: Green Roofs
- [ ] PC16: Alternative Wetlands
- [ ] PC17: Green Parking
- [ ] PC18: Alternative Pavers
- [ ] PC19: Bioretention
- [ ] PC20: Sand Filters
- [ ] PC21: Oil Water Separator
- [ ] PC22: Continuous Deflective Separation (CDS)
- [ ] PC23: Storm Drain Inlet Protection
- [ ] PC24: Underground Detention Basin
- [ ] PC25: Stormwater Re-use
- [ ] PC26: Fueling Area Design
- [ ] PC27: Maintenance Area Design
- [ ] PC28: Washing Area Design
- [ ] PC29: Loading Area Design
- [ ] PC30: Waste Management Area Design
- [ ] PC31: Material Storage Area Design

Other PBMPs:
CERTIFICATION

Designer: I certify that the design is complete, accurate, and addresses the requirements of DOTA’s Environmental Program to the best of my knowledge.

Print Name: ________________________________

Signature: ________________________________ Date: ________________

Review:

DOTA PM Signature: __________________________ Date: ________________

DOTA AIR-EE Signature: ______________________ Date: ________________