

## DESIGN REVIEW CHECKLIST (CONSTRUCTION ACTIVITIES BMP PLAN)

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

Name of Design Firm: \_\_\_\_\_

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

PMID: \_\_\_\_\_ TMK: \_\_\_\_\_

Design Submittal (check one):

Conceptual Design    Schematic Design    Design Development    Construction Document

### Existing and Proposed Site Features

Yes   No   N/A

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>➤ The following site features should be included on the plans, if deemed necessary based on project type, size, and scope.           <ul style="list-style-type: none"> <li>❖ <u>Existing and proposed topography and features</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> <li>❖ <u>Preliminary location, size in square feet, and limits of disturbance</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> <li>❖ <u>Location of existing and proposed roads, curbs, gutters, storm drains, inlets, buildings, signs, sidewalks, traffic signals, light standards, guardrails, and other structures</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> <li>❖ <u>Location of internal swales and ditches, and other drainage facilities</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> <li>❖ <u>Flow paths for both existing and proposed topography</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> <li>❖ <u>Maps of predominant soils from USDA soil surveys</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> <li>❖ <u>Boundaries of existing predominant vegetation and proposed limits of clearing and grubbing</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> <li>❖ <u>Existing and proposed utilities and easements</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> <li>❖ <u>Preliminary location and dimensions of proposed channel modifications, such as bridge or culvert crossings</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> </ul> </li> <li>➤ If the project or site includes, is adjacent to, or otherwise may impact any of the following, they should be shown on the plans.           <ul style="list-style-type: none"> <li>❖ <u>Perennial and intermittent streams or other surface water</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> <li>❖ <u>Location and boundaries of resource protection areas such as wetlands, lakes, ponds, and other setbacks (e.g., stream buffers, drinking water well setbacks, septic setbacks)</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> <li>❖ <u>Location of floodplain/floodway limits and relationship of site to upstream and downstream properties and drainages</u> <span style="float: right;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></span></li> </ul> </li> </ul> | <div style="display: flex; justify-content: space-between;"> <span>Yes</span> <span>No</span> <span>N/A</span> </div> |
|--|---|

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
❖ The limits of the existing and proposed maps and plans shall extend past the project limits if any existing condition has an impact to the project. Include future projects that have the potential to start prior to the subject project.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
❖ <u>Stream flow velocity for stream work</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Identify non-storm water potential pollutants on site?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Scheduling**

➤ Schedule that includes sequencing of construction activities with the implementation of construction site BMPs is provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Shows how the rainy season relates to soil-disturbing and re-stabilization activities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Schedule includes detail on the implementation and deployment of soil stabilization, sediment control, non-storm water management, waste management and pollution control, and inspection and maintenance BMPS?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ If the project is performed in multiple phases, are the phase-specific BMPs that take into account phase-specific potential pollutants?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Construction Site BMPs**

***Soil Stabilization Practices***

Plans address or include the following practices and situations?

➤ <u>Preservation of existing vegetation?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Stabilized construction entrance?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Protection of stockpiles?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Bank stabilization?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Topsoil management?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Mulching, seeding, and/or planting with installation/application procedures and requirements?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Velocity reduction devices in flow paths?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Geotextiles, plastic covers, turf reinforce mats, and/or erosion control blankets/mats, with installation/application procedures and requirements?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Temporary drains, swales, earth dikes, and/or lined ditches?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Slope drains, subsurface drains?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ <u>Top and toe of slope diversion ditches/berms?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

***Sediment Control Practices***

**Yes   No   N/A**

Plans address or include the following practices and situations?

- |  |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|
| ➤ <u>Location of potential sediment sources?</u>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Does on-site drainage enter into off-site drainage?</u> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Dust fence?</u>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Silt fence, wattles, and matting rolls?</u>             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Watering?</u>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Soil binders, including acrylic polymers?</u>           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Storm drain inlet protection?</u>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Temporary sediment basin?</u>                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Sediment trap?</u>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Flared culvert end sections?</u>                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Outlet protection?</u>                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Temporary stream crossing?</u>                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Slope roughening/terracing/rounding?</u>                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Entrance/Exit equipment tire wash?</u>                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Sand bag barrier?</u>                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Brush or rock filter?</u>                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Shoveling, sweeping, and disposing?</u>                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

***Non-Storm Water Management Practices***

Plans address or include the following practices and situations?

- |  |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|
| ➤ <u>Employee training?</u>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Vehicle and equipment cleaning, refueling, and maintenance?</u> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Dewatering operations?</u>                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Paving operations?</u>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Concrete washout procedure?</u>                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Structure construction and painting?</u>                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Water conservation?</u>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Good housekeeping practices?</u>                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

***Waste Management and Pollution Control Practices***

Plans address or include the following practices and situations?

- |   |                          |                          |                          |
|---|--------------------------|--------------------------|--------------------------|
| ➤ <u>Material delivery, use, and storage?</u> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Material use?</u>                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Spill prevention control?</u>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ➤ <u>Solid waste management - debris?</u>     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

<b>Waste Management and Pollution Control Practices (Continued)</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>
➤ Solid waste management - hazardous waste with designated and prohibited storage areas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Sanitary/Septic waste management?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Liquid waste management with storage containment devices?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Contaminated soil management?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Concrete waste management?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Fertilizer management?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Herbicide and fungicide management?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Pesticide application?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Inspection and Maintenance Responsibility

Plans address of include the following practices and situations?

➤ Long-term inspection entity identified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Long-term operation and maintenance identified?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Minimum frequency and maintenance described?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Record keeping?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Schedule and/or triggers for inspection of BMP measures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Rain gauge monitoring at site or using HNL weather data?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Incident reporting?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Other Permits, Reports, and Plans

Review this section to assess if the project requires any other possible permits, reports, or plans that include or impact BMPs. If none are required, check N/A above.

➤ NPDES Form C for Construction Activities is provided, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ NPDES Form F for Hydrotect Waters discharge is provided, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ NPDES Form G for Dewatering discharge is provided, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ 401 Water Quality Certification (WQC) is provided, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ 404 Department of the Army (DA) Permit is provided, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Coastal Zone Management (CZM) Permit is provided, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Special Management Area (SMA) permit is provided, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Drainage report is provided, if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ Grading permit with temporary erosion control plan is provided? (if project requires City and County approval and meets requirements)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
➤ If multiple permits or approvals are required for the project, are BMPs consistent in all permits and plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Designer:** I certify that the design is complete, accurate, and addresses the items on this checklist to the best of my knowledge.

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

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

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

**Review:**

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

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

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

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