

POST-CONSTRUCTION BMP PLAN CHECKLIST

Project Name: _____ Date: _____

Designer Name: _____ TMK: _____

Email: _____ Phone: _____

Site Location: _____

SECTION A

EXEMPTIONS (CHECK ALL THAT APPLY)

- Project is disturbing less than 1 acre of land.
- Project returns the area to pre-development runoff conditions.
- Project that is a linear utility project.
- Project that does not discharge runoff into any waters of the United States.

Other (provide explanation for proposed exemption):

INSTRUCTIONS – *Were any of the above exemptions checked?*

- No: The project must contain permanent BMPs. Complete Section B of this form, sign, and submit with construction plans for review.
- Yes: Skip Section B, sign, and submit this page only with construction plans for review.
*Note that all exemptions are contingent upon approval from DOTA.

Submitted by Name & Title: _____

Signature: _____ Date: _____

SECTION B

PART ONE – ENVIRONMENTAL PERFORMANCE STANDARDS **YES NO N/A**

1. Flow Control and Erosion Prevention

- a. Will post-construction volume or velocity cause significantly increased downstream erosion?
- b. Will project significantly disrupt flows supporting downstream wetland or habitat?

2. Water Quality Protection

- a. Will the runoff cause/contribute to an exceedance of receiving water quality objectives, or to a condition of pollution, contamination, or nuisance?
- b. Will the runoff significantly degrade receiving water quality?
- c. Have pollutants in storm water been reduced to the maximum extent practicable (MEP)?

3. Groundwater Quality Protection

- a. Is the infiltration of runoff to groundwater controlled to avoid polluting it?

PART TWO – DESIGN AND BMP REQUIREMENTS **YES NO N/A**

4. Performance Requirements

- a. Are the proposed post-construction BMPs appropriate to limit pollution in runoff from the site to the MEP?
- b. Are proposed BMPs appropriate based upon project site factors?
- c. Are proposed BMPs appropriate based upon the pollutant potential of the project?
- d. Are proposed BMPs appropriate based upon cost, including maintenance cost?
- e. Are proposed BMPs appropriate based upon the watershed area?
- f. Are proposed BMPs appropriate based upon the environmental impacts of pollution protection?

5. Soil Stabilization BMPs

- a. Does the project conserve natural areas where practicable? (PC1)
- b. Does the project use buffer zones or other buffers for natural water bodies? (PC5)

PART TWO – DESIGN AND BMP REQUIREMENTS (CONTINUED)

YES NO N/A

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| c. Will slopes and channels be protected from eroding to the MEP? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Permanent seeding and planting? (PC2) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ii. Mulching? (PC3) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| iii. Geotextiles, mats, and erosion control blankets? (PC4) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

6. Storm Water Flow Control BMPs

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| a. Does the project decrease runoff velocity to minimize erosion? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Outlet protection or velocity dissipation devices? (PC9) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ii. Flared culvert end sections? (PC10) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| iii. Slope roughening, terracing, or rounding? (PC11) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| iv. Level spreader? (PC12) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Does the project direct runoff to a stabilized watercourse? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Earth dikes, drainage swales, or lined ditches? (PC6) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ii. Slope drains or subsurface drains? (PC7) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| iii. Top and toe of slope diversion ditches or berms? (PC8) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

7. Storm Water Treatment Control BMPs

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| a. Have pollutants been properly identified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Are proper “treatment control” BMPs used to reduce pollution in runoff to the MEP? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Sand filters? (PC19) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ii. Oil / Grit separators? (PC20) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| iii. Continuous deflective separation? (PC21) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Does the project site design maximize infiltration and retention, and minimize impervious surfaces? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Does the project use landscaping to increase infiltration, retention, and slow runoff where feasible? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Green Parking / Alternative Pavers? (PC17 and 18) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ii. Alternative Wetlands? (PC16) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| iii. Green Roofs? (PC15) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| iv. Bioretention? (PC19) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Is the infiltration of runoff to groundwater controlled? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Infiltration trench? (PC13) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ii. Retention basin? (PC14) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

PART THREE – OTHER REQUIREMENTS

YES NO N/A

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 8. Are additional BMPs needed for the project to meet performance standards? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Will the project cause prohibited discharges of non-storm water? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Will this project protect storm water during construction? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Is a shared structural treatment BMP proposed or appropriate for the project? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Are post-construction BMPs documented in the EA/EIS? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Does this project ensure ongoing BMP maintenance?
(Attach Operations and Maintenance Agreement or similar) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

PART FOUR – NARRATIVE

Describe the permanent post-construction BMPs that will be used. Ensure that they are identified on construction plans.