**CHESAPEAKE BAY TOTAL MAXIMUM DAILY LOAD**

**REGIONAL GENERAL PERMIT (Bay TMDL RGP)**

**90-Day Post Construction Report**

**Corps Project Name and Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**State Project Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Self-Verification Form (Attach as Enclosure 1) [ ]

2. As-Built Report: (Attach as Enclosure 2) [ ]

 The As-Built Report must include the following information:

a. Name and 8-digit U.S. Geological Survey Hydrologic Code

b. Location of the completed work (latitude and longitude)

c. Dates during which the work occurred

d. As-built plans

e. A set of geo-referenced photographs that show the pre-construction and post-construction conditions for the project. Submitted photos must be formatted to print on a standard 8 ½” x 11” piece of paper, dated, and clearly labeled with the direction from which the photo was taken. The photo location points must also be identified on the appropriate maps.

3. Documentation from the State Historic Preservation Office demonstrating compliance with the National Historic Preservation Act (Attach as Enclosure 3). [ ]

4. Documentation from the U.S. Fish and Wildlife Service demonstrating compliance with the Endangered Species Act (Attach as Enclosure 4). [ ]

5. **STREAM AND/OR WETLAND RESTORATION AND/OR ENHANCEMENT PROJECT**:

 \*No [ ]  \*\*Yes [ ]  (Attach as Enclosure 5, if applicable)

 \*If No, disregard the remainder of this document. A 90-Day Post-Construction Monitoring Plan/Report **IS NOT** required to be submitted with the 90-Day Post Construction As-Built Report.

\*\*If Yes, a 90-Day Post-Construction Monitoring Plan/Report **IS REQUIRED** to be submitted with the 90-Day Post Construction As-Built Report. The plan/report must include quantifiable and documentable performance standards based on project goals and design objectives that are attainable based on the restoration and/or enhancement potential and that will demonstrate aquatic resource functional lift is occurring compared with baseline values. At a minimum, the monitoring plan/report must include information summarizing the following:

a. Comparison of pre- and post-restoration and/or enhancement conditions to assess the project’s success in meeting the goals and objectives to restore functions that support and/or enhance aquatic biological resources and sediment and nutrient reduction at the project site in accordance with the Chesapeake Bay TMDL goals.

b. Site-Level Function-Based Assessment/Parameters (i.e., Benthic Index of Biotic Integrity assessment (BIBI), Modified Environmental Protection Agency Rapid Bioassessment Protocol (EPA RBP) habitat assessment, lateral stability, floodplain connectivity, and riparian vegetation, that were used to quantify and describe the pre-restoration and/or enhancement condition of the stream and used to identify, assess and quantify the restoration and/or enhancement potential of aquatic resource functional lift). **NOTE: This information must be provided for EACH STREAM REACH associated with the restoration or enhancement project:**

(1) Perennial Stream: No [ ]  \*Yes [ ]  \*If Yes, assessment must include:

(a) BIBI, and

(b) One of the following (circle method used):

i. Lateral Stability

ii. Floodplain Connectivity or other fluvial geomorphic/hydraulic degradation parameter (Vertical Stability)

iii. Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(Must include documentation that the “Other” method has been approved by the Corps.)**

 (2) Intermittent/Ephemeral Stream: No [ ]  \*Yes [ ]  \*If Yes, assessment must include:

(a) Modified EPA RBP (see Appendix 1 of Bay TMDL RGP); and

(b) One of the following (circle method used):

i. Lateral Stability

ii. Floodplain Connectivity or other fluvial geomorphic/hydraulic degradation parameter (Vertical Stability)

iii. Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(Must include documentation that the “Other” method has been approved by the Corps.)**

c. Photo documentation to support the findings and recommendations referenced in the monitoring report. Submitted photos must be formatted to print on a standard 8 ½” x 11” piece of paper, dated, and clearly labeled with the direction from which the photo was taken. The photo location points must also be identified on the appropriate maps and must be taken at the same locations/directions for each annual monitoring report.

d. Programmatic and design goals

e. Watershed assessment

f. Site selection information

g. Restoration potential and constraint analysis

h. Design objectives (quantifiable and documentable) based on site restoration and/or enhancement potential

i. On-site restoration and/or enhancement design approach and on-site design alternative analysis.

j. An explanation of logical project termini should be provided

 k. Project design development