



**Certification Form: Review of New Probable Maximum Precipitation Values (Effective March 23, 2016) Using the PMP Evaluation Tool**

Name of Dam (Print): \_\_\_\_\_; Inventory Number for Dam: \_\_\_\_\_; Dam in County or City: \_\_\_\_\_

**CERTIFICATION BY OWNER’S ENGINEER**

I certify that I have evaluated the new probable maximum precipitation (PMP) values, and have found that one of the following conditions has occurred: (1) each of the governing PMP values for the 6-, 12-, and 24-hour durations have decreased from previously utilized HMR PMP values or (2) the PMP value for the controlling storm has decreased from previously utilized HMR values and still results in the largest outflow from the dam when compared to the other two durations. I therefore find that the original dam break inundation zone map and the emergency action plan/ emergency preparedness plan on file remain protective of public safety. I have attached a completed copy of the *Virginia PMP 2015 Watershed Calculation Spreadsheet* and my supporting calculations to serve as the confirmation record. Further, I have notified the impounding structure owner of my findings.

Signed: \_\_\_\_\_ Virginia Number: \_\_\_\_\_  
Professional Engineer’s Signature Print Name

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_ .

Engineer’s Virginia Seal:



**CERTIFICATION BY OWNER**

I, as the Owner of the impounding structure, certify that my engineer has evaluated the new probable maximum precipitation (PMP) values and advised me of the findings. I recognize that one of the following conditions has occurred: (1) each of the governing PMP values for the 6-, 12-, and 24-hour durations have decreased from previously utilized HMR PMP values or (2) the PMP value for the controlling storm has decreased from previously utilized HMR values and still results in the largest outflow from the dam when compared to the other two durations. In addition, I also certify that the original dam break inundation zone map and the emergency action plan/ emergency preparedness plan on file remain protective of public safety. I agree that should an evaluation be required in accordance with § 10.1-606.3 of the *Code of Virginia* to assess any development proposed within the boundaries of the dam break inundation zone below this impounding structure, that I shall upon notification from the Department of Conservation and Recreation immediately initiate efforts to update the dam break inundation zone map for my impounding structure so that a refined impact of the development may be assessed.

Signed: \_\_\_\_\_  
Owner’s Signature Print Name

This \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_ .

**Mail the executed form to the appropriate  
Department of Conservation and Recreation  
Division of Dam Safety and Floodplain Management  
Regional Engineer**