CRS Documentation Checklist

Element WMP—watershed master plan

Activity 450 (Stormwater Management) of the Community Rating System (CRS) focuses on preventing increases in flood frequencies, durations, peak flows, sediment, and negative impacts on water quality. It is based on the principle that managing increases in stormwater due to changes in land use is best achieved on-site by the developer at the time of development, in combination with the community’s watershed-based efforts to prevent loss of life, property damage, and habitat destruction. These credited activities focus on preventing an increase in risk to existing structures, future structures, and the erosion and sedimentation of streams.

This checklist is provided to help communities submit the proper documentation to allow for verification of CRS credit for element WMP—watershed master plan. It does not include the documentation requirements for elements SZ, DS, LID, PUB, ESC or WQ. WMP credit is provided for regulating development and redevelopment according to a watershed management master plan. WMP is the total of eight sub-elements (up to 315 points).

For CRS credit, a watershed master plan must, at a minimum, address future development (new development and/or redevelopment) within the watershed and the impact of development on flows during a 100-year event. The modeling may show that different standards are needed for different watersheds, or for different parts of the watershed. Communities may also find as a result of their modeling that their existing stormwater management regulations are adequate, or they may decide to make them more stringent to prevent development from increasing the frequency and severity of existing problems.

One of the prerequisites for a CRS Class 4 (see Section 211.c of the *CRS Coordinator’s Manual*) is that the community receive credit for managing the impacts of a 100-year storm and/or sea level rise, where applicable, based on a watershed master plan.

If you have any questions concerning the following checklist, please contact your CRS Specialist.

**CRS Documentation Checklist**

**Element WMP****—watershed master plan**

**[ ]  NEW APPLICATION [ ]  MODIFICATION [ ]  CYCLE DOCUMENTATION**

Provide this checklist and the following for each item checked:

[ ]  (1) A thumb drive with a searchable pdf of each document submitted including a short description of your regulations and when you require onsite detention or retention of increased flows. Note the file name and the appropriate pages and section numbers for each element; or

[ ]  (2) The URL for on-line documents with the appropriate pages and exact section numbers noted; or

[ ]  (3) A paper copy of the documents with the appropriate acronym marked in the margin where the requirements for WMP(1), WMP(2), WMP(3), WMP(4), WMP(5), WMP(6), WMP(7), and WMP(8) are found.

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|  | **Stormwater Manager**  | **CRS Coordinator** |
| Name |  |  |
| Title |  |  |
| Phone |  |  |
| E-mail |  |  |

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|  Form Completed By:  |   | Date:  |   |

Comments:

**Credit Criteria and Documentation**

The credit criteria for this element are described in detail in Section 452.b of the 2017 *CRS Coordinator’s Manual*. There is no need to submit more than one copy of a watershed master plan or regulatory section if it can be used to document separate sub-elements. Instead, in each section clearly indicate where to find the desired criteria.

**Element WMP**

If submitting a plan for WMP credit, indicate which of the eight sub-elements the plan meets.

WMP1 credit must be received in order to receive credit for any of the additional sub-elements.

1. WMP1 documentation

Attach a copy of each watershed plan that has analyzed the impact of sea level rise and/or fully developed watersheds on your community during a 100-year event. To be credited, the plan must have been adopted and implemented by your community and you must have a plan to control the impacts of the 10-year event and at least the 25-year event on your community. Credit for onsite control of the 10-year event and the 25-year event or the 100-year event is an acceptable method of controlling the impacts. Please list the name of the Plan and the date it was adopted below. Provide a copy of the Plan (or link) and a copy of the resolution.

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1. WMP2 documentation

Explain how your plan and regulations manage a 100-year event and where those requirements/ regulations are found.

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3. WMP3 documentation

Explain how your plan manages not only future peak flows but also the volume of runoff from new development, so that it doesn’t increase over present values. A community must demonstrate that its watershed management plan and associated regulations prevent increases in peak flows at all points within its watershed(s) and downstream.

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1. WMP4 documentation

Explain how your plan manages the runoff from all storms up to and including the 5-day event and where to find that in the plan itself. Refer to specific regulations or standards.

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5. WMP5 documentation

Highlight the section of your plan that identifies existing wetlands or other natural open space areas to be preserved from development to provide natural attenuation, retention, or detention of runoff. Include the regulation that requires their preservation. For WMP5 credit, the plan must identify these areas and there must be regulations to preserve them, a map by itself is not creditable. Note the section/page number of the plan and regulation below.

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6. WMP6 documentation

Highlight the section of your plan that recommends prohibiting development, alteration, or modification of existing natural stream channels. Include the regulation that implements the prohibition. For WMP6 credit, the plan must identify these areas and there must be regulations to preserve them. (These channels may be eligible for credit under element NSP—natural shoreline protection, under Activity 420.) Note the section/page number of the plan and regulation below.

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7. WMP7 documentation

Highlight the section of your plan that recommends that channel improvement projects use only natural or “soft” approaches rather than gabions, rip rap, concrete, or other “hard” techniques. Include a copy of the regulation or the design standards that implement the regulation. For WMP7 credit, the plan must recommend these techniques and there must be regulations to require them. Note the section/page number of the plan and regulation below.

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8. WMP8 documentation

Attach a copy of the ordinance establishing your source of dedicated funding to implement the watershed master plan and a copy of recent expenditures.

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9. Impact adjustment for WMP [if the plan does not apply to the entire community]:

Attach a map showing the community boundaries and all watersheds within your community. Include the areas, in square miles or acres, of your community and the total area of each watershed shown on the map.