

Activity 450 (Stormwater Management Regulations) Max. 755 points	
Credit Criteria	Documentation
Stormwater management regulations (SMR) (380 points)	
(1) A portion of the watershed must be subject to a regulation that requires the peak runoff from new development to be no greater than the runoff from the site in its pre-development condition.	
(2) A community must have credit for size of development (SZ) and design storm (DS) in order to receive credit for SMR.	
(3) For SZ credit, the community must, at a minimum, regulate parcels of 5 acres or more or increases in impervious area of 20,000 square feet or more.	
(4) For DS credit, the community must require management of at least a 10-year storm. A regulation designed to retain or detain only the “first flush,” the first inch of rainfall, or less than a 10-year storm, is not credited under SMR. However, it may qualify as a water quality regulation (WQ) and be credited under Section 452.d.	
(5) For DS credit, the community’s regulations must require pre- and post-development hydrology calculations and post-development runoff must be limited to pre-development levels.	
(a) The needed documentation is assembled by the ISO/CRS Specialist and provided to the technical reviewer for this activity	
(b) A copy of the ordinance or legal language that regulates surface water runoff from new development in the watershed. For SMR credit, the language must require that peak runoff from new development be no greater than the runoff from the site in its pre-development condition. <i>The margin next to where this appears in the ordinance must be marked, e.g., “SMR.”</i>	
(c) Development and building permit records that demonstrate enforcement of the regulations. Engineering reports showing compliance with the regulation must be included.	
(d) Documentation that watersheds outside the jurisdiction of the community are regulated if the community desires credit for their standards.	
(e) An impact adjustment map showing watershed boundaries and stormwater management jurisdictions.	
[Required] Size of development (SZ)	
(1) A copy of the ordinance demonstrating what types of development and what size of development is required to control the increase in stormwater flow due to development. <i>(Ordinance must be marked, e.g., “SZ.”)</i>	
(2) A copy of the ordinance exempting some properties from the requirements.	
(3) If the standard is in a Drainage Manual a copy of the manual.	
(4) If applicable a copy of the ordinance adopting the manual.	
[Required] Design storms used in regulations (DS)	
(1) A copy of the ordinance demonstrating what storm events are used to determine compliance with the ordinance requiring the control of increased stormwater flow due to development. <i>(Ordinance must be marked, e.g., “DS.”)</i>	
(2) A copy of the ordinance exempting some properties from the requirements.	
(3) If the standard is in a Drainage Manual a copy of the manual.	
(4) If applicable a copy of the ordinance adopting the manual.	
(5) Copies of five engineering reports showing how developers meet the standard.	
(6) A copy of the community’s impact adjustment map.	

Activity 450 (Stormwater Management Regulations) - continued	
Low-impact development (LID)	
(1) A copy of the ordinance requiring that LID techniques be used to manage stormwater quantity prior to utilizing conveyance or detention facilities. <i>(Ordinance must be marked, e.g., "LID.")</i>	
Public maintenance of required facilities (PUB)	
(1) Provide a copy of the ordinance requiring either <ul style="list-style-type: none"> a) at least once each year, the owners of all stormwater management facilities constructed after the date of adoption of the regulation have the facilities inspected by a licensed professional engineer, perform any maintenance recommended by the engineer and submit an annual inspection report to the community, b) If the community requires the owners of all new facilities to allow the community to inspect their facilities. If problems are found, the owners must perform the necessary maintenance. If the owner fails to perform the required maintenance, the community (or agency) must have the authority to perform the maintenance and bill the owner for the work performed, or c) all facilities are dedicated to the community. <i>(Ordinance must be marked, e.g., "PUB.")</i>	
Erosion and sedimentation control regulations (ESC) (40 points)	
(1) To receive ESC credit, the community's regulations must apply to all construction sites within the community. An erosion and sedimentation control regulation that is part of a floodplain ordinance or a building code and does not affect ALL construction sites in the community does not receive credit under this element. "All construction sites" in the subsections below means all sites in the community subject to construction of buildings, roads, etc., regrading, or other non-agricultural land-disturbing activity.	
(b) Development and building permit records that demonstrate enforcement of the regulation. The ISO/CRS Specialist determines how many records are needed to obtain a representative sample.	
(a) A copy of the ordinance demonstrating the types of development and what size of development are required to provide erosion and sediment control during construction. <i>(Ordinance must be marked, e.g., "ESC.")</i>	
(b) Development and building permit records that demonstrate enforcement of the regulation. The ISO/CRS Specialist determines how many records are needed to obtain a representative sample. <i>Records should demonstrate if site visits were completed.</i>	
Water quality regulations (WQ) (20 points)	
(1) Development and building permit records that demonstrate enforcement of the regulation. The ISO/CRS Specialist determines how many records are needed to obtain a representative sample.	
(a) The ordinance or law language that requires new development to implement appropriate best management activities to improve water quality. <i>(Ordinance must be marked, e.g., "WQ.")</i> <i>The ordinance should demonstrate what types of development and what size of development are required to implement permanent best management practices.</i>	
(b) Development and building permit records that demonstrate enforcement of the regulation. The ISO/CRS Specialist determines how many records are needed to obtain a representative sample. <i>Records should demonstrate if site visits were completed.</i>	
Notes:	

Activity 450 (Stormwater Management Regulations) - continued	
Watershed master plan (WMP) (315 points)	
	(1) The community must have adopted a watershed master plan for one or more of the watersheds that drain into the community, and the plan must identify the natural drainage system and constructed channels.
	(2) The community must have adopted regulatory standards that are based on the plan and that receive credit under SMR in Section 452.a.
	(3) The plan's regulatory standards must manage future peak flows so that they do not increase over present values.
	(4) The plan's regulatory standards must require management of runoff from all storms up to and including the 25-year event.
	(5) For any plan that is more than five years old, the community must evaluate the plan to ensure that it remains applicable to current conditions.
	(6) WMP1 credit must be received in order to receive credit for any of the other items.
(a)	The needed documentation is assembled by the ISO/CRS Specialist and provided to the technical reviewer for this activity
(i)	Documentation that the plan has been adopted by the community. "Adopted by the community" means either formal approval by the community's governing body or formal approval by another body or office of the community that has the authority and funding to implement the plan, such as a flood control district.
(ii)	Copies of the pages of the watershed master plan that show it meets the minimum criteria and the items to be credited. This can be an electronic copy of the plan with a description of the items to be credited and where they can be found in the plan.
(iii)	The ordinance pages credited under SMR in Section 452.a, showing the regulatory standards that are based on the plan (Section 452.b, credit criterion (2)).
(iv)	[For WMP8] A copy of the ordinance adopting the dedicated funding source and a budget describing how the money was spent during the past fiscal year.
(v)	A watershed impact adjustment map.
(vi)	If the plan(s) is more than five years old, an evaluation report that addresses whether the plan(s) is still based on appropriate data and effectively manages stormwater runoff. In lieu of a formal report, the community may submit a letter signed by a licensed professional engineer that addresses the following issues: <ol style="list-style-type: none"> (1) The "future conditions" at the time the plan was completed: Do these conditions still reasonably reflect the actual watershed conditions today? (2) The precipitation data used for the plan's hydrology: Does the community or agency still use the same precipitation data that were used in the report? (3) Method used for the plan(s): Is the method used to develop the plan(s) considered appropriate by the agency today? (4) Construction: Has construction of stormwater infrastructure altered actual conditions in ways that make the plan(s) obsolete? (5) Other factors: Are there other aspects of the plan(s) that make it obsolete or otherwise of questionable applicability?
(vii)	If the community determines the area covered by the watershed master plan (aWMP) to include watershed areas regulated by other communities: Documentation that watersheds outside the jurisdiction of the community are regulated to similar standards or are subject to the same plan as those within the community.

Activity 450 (Stormwater Management Regulations) - continued	
WMP1 (90 points)	
	(1) A copy of the ordinance adopting a watershed management plan affecting the community that identifies the natural drainage system and constructed channels.
	(2) A copy of the ordinance adopting regulatory standards based on the plan
	(3) The regulatory standards must require future peak flows to be no more than current peak flows
	(4) The standards must address at least the 25-year event
	(5) If more than five years old the community must determine if the plan is still current and provide documentation.
	(6) WMP1 credit is required in order to receive credit for any additional items.
WMP2 (30 points)	
	(1) The plan and the community's regulations manage the runoff from all storms up to and including the 100-year event. These must include the 10-year storm, a storm larger than the 10-year, but less than the 100-year and the 100-year storm.
WMP3 (55 points)	
	The plan manages peak flows and volumes to not increase over the existing values.
WMP4 (35 points)	
	(1) The plan manages runoff from all storms up to and including the 5-day event.
WMP5 (30)	
	(1) The plan identifies existing natural open space to be preserved from development so that natural storage of runoff is maintained.
WMP6 (25 points)	
	(1) The plan prohibits development, alteration, or modification of existing natural channels.
WMP7 (25 points)	
	(1) The plan requires channel improvement projects use natural approaches rather than hard techniques.
WMP8 (25 points)	
	(1) If there is dedicated funding source to implement the plan.
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