Community Name:	
•	Date:



2013 CRS Coordinator's Manual Activity Checklists and Documentation Checklists

Activity	Activity Checklist	Documen- tation Checklist	Community Certifications*	Other	Notes
213			CC-230		
310	Yes				
320	Yes				
330	Yes			Worksheet	
340	Yes				
350	Yes				
360	Yes				
370	Yes			Worksheet	
410	Yes				
420	Yes				
430	Yes				
440	Yes				
450	Yes				
501	Yes		CC-RL		
510	Yes			510 (Excel file)	
520	Yes		CC-520EHP		
530	Yes		CC-530 & CC-530EHP	Worksheet	
540	Yes		CC-540EHP		
610	-	Yes			
620		Yes	CC-620EHP		
630		Yes		SDS Scores	
710					
720					

^{*} Available at CRSresources.org/200-2

Community Name:	
-	Data

Credit Criteria	Documentation
	FEMA Elevation Certificates showing the "finished nstructed or substantially improved in the SFHA
	loodproofing Certificate is needed instead of an be needed in coastal high hazard areas (V Zone I basements
(3) The community must review the certificates information is correct.	s to ensure that they are complete and that the
(4) The community must make copies of Eleva request.	tion Certificates readily available to anyone upon
Maintaining Elevation Certificates (EC) (38 point	ts)
(1) At least two months before each verification vis	it,
(a) A list of all permits issued for new buildings since the last visit	and substantial improvements in the SFHA
	Floodproofing Certificates and other certificates) ements in the SFHA that have been collected
(c) If credit for regulating outside the SFHA, advicertificates should include properties in thos	
2) At each verification visit,	
(a) A description of how the community maintai inquirers.	ns, stores, and provides copies of certificates to
Maintaining Elevation Certificates for post-FIRM	M buildings (ECPO) (48 points)
(1) At each verification visit,	
(a) Copies of certificates (ECs and/or V Zone, F for all new buildings and substantial improve community's initial FIRM and the date of app	
(b) Demonstration that the community still has a provides them to inquirers.	access to all the credited certificates and
(c) Documentation showing how bPO was dete	rmined.
Notes:	
Notes: Maintaining Elevation Certificates for pre-FIRM	buildings (ECPR) (30 points)
	buildings (ECPR) (30 points)
Maintaining Elevation Certificates for pre-FIRM (1) At each verification visit, (a) Copies of certificates (ECs and/or V Zone, F	Floodproofing Certificates and other ings and substantial improvements constructed
Maintaining Elevation Certificates for pre-FIRM (1) At each verification visit, (a) Copies of certificates (ECs and/or V Zone, F certificates), as appropriate for all new building	Floodproofing Certificates and other ings and substantial improvements constructed RM <i>[to be sampled]</i> .

Community Name:		
·	Date:	

Activity 320 (Map Information Service) Max. 90 points			
Credit Criteria	Documentation		
(1) MI1, providing information from the FIRM needed to write a flood insurance policy, is a prerequisite to receiving other credit under this activity.			
(2) The map information service must be able to locate a property based on a street address.			
(3) The information must be volunteered when	there is an inquiry.		
(4) The service must include an opportunity for	r personal contact.		
(5) The inquiry must be responded to within a	reasonable amount of time.		
(6) The service must be publicized at least once a year. There are three publicity options:	(1) Documentation that shows how the community publicizes the service each year.		
(a) An annual notice that reaches everyone in newsletter or a stuffer in a utility bill that go			
(b) An annual notice directed to the most commoredit unions, etc.), insurance agents, and directly to these offices or articles in the new reach these offices (e.g., the newsletters of commerce); and	real estate agents. This can be a mailing wsletters of professional associations that		
(c) An annual outreach project developed as p credited under Activity 330 (Outreach Proje identifies the target audience for the service audience.	ects), provided that the program document		
(7) The maps used for MI1 and MI2 must be kept updated at least annually to reflect new studies, subdivisions, annexations, flood insurance restudies, map revisions, and map amendments (including LOMAs and LOMRs).	(2) An explanation of how the community keeps the FIRM updated. This may be a verbal explanation at the time of the verification visit.		
(8) The community must maintain copies of earlier FIRMs that have been in effect since 1999 [or the date the community applied for this credit, whichever is later].	(3) Verify where the community keeps copies of all FIRMs that have been in effect since 1999 or the date the community applied for this credit.		
(9) Records of the service must be kept and provided for credit documentation	(4) A record, copies of letters, or log of the service		
(5) Documentation showing how the area of each el	ement (aMI#) was calculated.		
(6) If another agency or organization provides map i has agreed to provide the service to all inquirers its work.			
Basic FIRM information (MI1) (30 points)			
suffix, (d) The date of the FIRM's index (co A2, AO, etc., (f) The base flood elevation (t and (g) The elevation datum used on the F A copy of the Elevation Certificate for the p requirements of this element.	the community number, (c) The panel number and ver panel), (e) The FIRM zone, e.g., A, C, X, V, AE, the depth in AO Zones) where shown on the FIRM, IRM, if other than NGVD. Toperty, if available, can suffice for the minimum		
(3) The community need only supply the insura wants to know if a building is in a floodplair on the FIRM is sufficient.	ance rating data requested. If the inquirer only n, then advising whether it is in an SFHA as shown		

Community Name:	
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Activity 320 (Map Information Service) - continued (4) If a property is too close to the SFHA boundary to determine the building's FIRM zone, the community may give the inquirer a copy of the FIRM and advise that the FIRM zone cannot be determined based on the map information available. (5) The community is not required to provide data that do not appear on the FIRM, such as base flood elevations in unnumbered A Zones, but providing additional information from other maps and sources of flood hazard and flood protection information is encouraged and may be credited under elements MI2 through MI7. (6) If the property is in an SFHA, the community must inform the inquirer of the mandatory flood incurrence purchase appreciate. This may be done by advising the inquirer

(6) If the property is in an SFHA, the community must inform the inquirer of the mandatory flood insurance purchase requirement, as appropriate. This may be done by advising the inquirer that flood insurance may be required because of the property's location or by providing a written summary of the requirement (e.g., the example in Figure 320-3).

Additional FIRM information (MI2) (20 points)

- (2) The additional information must include whether the property is in an "undeveloped coastal barrier" or "otherwise protected area" of the Coastal Barrier Resources System. If so, the community must advise the inquirer that flood insurance, federal disaster assistance, and other types of federal financial assistance are not available for buildings constructed or substantially improved after the effective date of designation, as shown on the FIRM. More information on the Coastal Barrier Resources System can be found at www.fws.gov/CBRA.
- (3) The additional information must include whether the property is located seaward of the Limit of Moderate Wave Action (LiMWA), if shown on the FIRM. If it is, the inquirer must be advised that waves and velocity from coastal storms and hurricanes can cause significant damage to a structure that is not properly elevated on an open foundation and protected from erosion and scour.
- (4) The additional information must include whether the property is located in a floodway. If it is, the community must explain the regulatory requirements for developing in a floodway.
- If the community's FIRM does not show any Coastal Barrier Resources System areas, LiMWAs, or floodways, there is no credit for MI2.

Problems not shown on the FIRM (MI3) (20 points)

(2) The other flood problem information provided must be about a flood hazard not shown on the community's FIRM.

Flood depth data (MI4) (20 points)

- (2) Depth data must be conveyed to inquirers. There are usually two ways to provide flood depth data. Either one is acceptable for credit.
- (a) Staff can provide information from a map that shows the depth of flooding at different flood recurrence levels. Staff can provide data on both the flood elevation and the ground or building elevation at a site.

Attach an example of the map or data source.

Special flood-related hazards (MI5) (20 points)

(2) The affected area must be mapped for this credit, but does not have to be regulated. If there are no regulations, the inquirer must be told what precautions should be taken when developing or improving the property.

Attach an example of the map or data source.

Community Name:		
-	Date:	

Activity 320 (Map Information Service) - continued		
orical flood information (MI6) (20 points)		
Information on historical flooding must be provided.		
Attach an example of the map or data source.		
ral floodplain functions (MI7) (20 points)		
(2) Information must be provided about any natural floodplain functions the area provides.		
Attach an example of the map or data source.		
S:		

Community Name:	
_	Data

Activity 330 (Outreach Projects) Max. 350 points		
Credit Criteria	Documentation	
Outreach projects (OP) (200 points)		
(1) To receive credit, projects must be disseminated at least annually to the audience.	(a) A copy of the flyers, presentations, brochures, etc., that have been produced and disseminated as outreach projects, marked to show where the credited topics appear.	
(2) At least one project must convey a message on the topic of flood insurance.	At least one of the submittals must be a project that covers the topic of flood insurance.	
	ng the year of a flood if its other OP projects cannot RP projects diverted needed resources from them	
A copy of the 330-370 Scorin	ng Spreadsheets file to help score the projects.	
Flood response preparations (FRP) (50 points) (1) OP credit is a prerequisite to receiving FRF	P credit.	
(2) To receive FRP credit each year, the community must either use the FRP in response to a flood or (if no flood occurs) review it and update it as needed.		
(3) The community will not lose OP credit during the year of the flood if implementing the FRP projects diverts resources that would have been used to implement other OP projects. However, the community will lose its FRP credit if it does not implement its FRP projects when there is a flood or if it does not evaluate the FRP projects every year.		
(1) At each verification visit,		
(a) A copy of the masters for the handouts, news	s releases, and other projects, etc.	
(b) Written procedures that explain how the hand be copied and disseminated.	douts, news releases, and other projects are to	
(c) Documentation that the FRP materials were reviewed to determine whether they are still current and appropriate. This may be done as part of the annual PPI evaluation report.		
A copy of the 330-370 Scoring Spreadsheets file to help score the projects.		
Program for Public Information (PPI) (80 points)		
The PPI must be developed according to a se	ven-step planning and public involvement process	S.
(1) At each verification visit [collect the following	and send it to the technical reviewer]:	
(a) A copy of the PPI document.		
(b) Minutes of the meetings or other documentation of the committee members' participation.		
(c) Documentation that the PPI has been adopte	d by the community.	

Community Name:	
-	Data:

	Activity 330 (Outreach Projects) - continued	
Stak	keholder delivery (STK) (50 points)	
	(1) This credit is only available to communities with a PPI. The stakeholder organization or agency must be named in the PPI document and the associated projects, but the stakehold does not need to be on the PPI committee.	er
	(2) [States the criteria for a "stakeholder"] A stakeholder can be any agency, organization, or person (other than the community itself) that supports the message.	
	(3) It needs to be clear that the message is coming from someone other than the community or sponsored by or supported by the stakeholder.	r is
	For documentation, ensure that the PPI identifies the stakeholder projects.	
Note	98:	

Community Name:	
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	Activity 340 (Hazard Disclosure) Max. 80 points			
	Credit criteria	Documentation		
Disc	closure of flood hazard (DFH) (35 points)			
	(1) The [hazard disclosure] notice must clearly state whether the property is in the	(a) Disclosure form from real estate agency #1		
	floodplain and, if so, that flood insurance is required. If the notice states that a property	Disclosure form from agency #2		
	is in a floodplain or in the SFHA, it must	Disclosure form from agency #3		
	also tell the inquirer that federal law	Disclosure form from agency #4		
	requires the purchase of flood insurance as a condition of acquiring a federally backed mortgage.	Disclosure form from agency #5		
	(2) A property notice that is difficult to interpret, such as "FP: Y/N," or a general statement on all properties, such as "Flood insurance may be required," or "Flood Zone," is not acceptable. The form must clearly state, "Flood insurance is required." [No acronyms.]			
	(3) If the property is in an area designated under the Coastal Barrier Resources Act, the notice must advise that National Flood Insurance Program (NFIP) flood insurance is not available.			
	(4) The disclosure must be volunteered by the real estate office. There is no DFH credit if the disclosure is made only in response to someone's inquiry about whether the property is in a floodplain.			
	(5) Credit for DFH cannot be based on real estate agents' use of a seller's statement or certificate. The information that is required is notification of whether the property is in an SFHA, not whether the sellers experienced a flood while they owned the property.			
	(6) Additional credit is provided if the disclosure program is covered in the community's PPI.			
Othe	er disclosure requirements ODR (25 points)			
	Credit can be requested for up to five state or local laws or ordinances that require disclosure of a property's exposure to flooding (1) – (9) A variety of legally required disclosure approaches are credited. The list is not meant to be allinclusive.	(a) A copy of the law or ordinance language that requires one or more disclosure methods prior to the time of sale or rental of a property. [Up to five.]		
Real	l estate agents' brochure (REB) (12 points)			
	(1) The real estate agents' brochure must advise the reader to check to see if a property is in a floodplain or has a history of flooding.	(a) A copy of the brochure or other document that real estate agents make available to interested parties.		
	(2) Additional credit is provided the brochure is	recommended by the community's PPI.		
	(3) DFH credit not needed.			
Disc	closure of other hazards (DOH) (8 points)	,		
	DFH credit is a prerequisite to receiving DOH credit. The disclosure of other hazards must be included in the materials used for DFH credit.	(a) The documentation submitted for credit under Section 342.a (DFH), marked to show how the other flood-related hazards are disclosed.		

Activity Checklists	Community Name:
•	Date:
Notes:	

Community Name:	
-	Data

Activity 350 (Flood Protection Information) Max. 125 points			
Credit Criteria	Documentation		
Flood protection library (LIB) (10 points)			
	ust be cataloged and maintained in the public library used by residents of the community.[May be 7, 8 or 9]		
(2) The documents must be entered into the library's card catalog or similar system that allows patrons to find publications related to flooding and flood protection.	(a) A list of the publications that have been cataloged in the community's library or library system.		
Locally pertinent documents (LPD) (10 points)			
(1) The community must receive credit for LI	В.		
(2) The documents must be entered into the library's card catalog or similar system that allows patrons to find publications related to flooding and flood protection.	(a) A list of the publications that have been cataloged in the community's library or library system.		
Flood protection website (WEB) (105 points)			
(1) There must be a flood information home page that is readily found by either (1) having it listed and linked on the community website's home page, or (2) using the website's search feature.			
(2) The flood information home page must have a directory of the flood protection information provided, along with links to the appropriate pages.			
(3) The links to the flood protection information website or on other websites.	(3) The links to the flood protection information pages may be to pages on the community's own website or on other websites.		
	nunity provides a service related to that topic that is n (CRS), the website must inform the readers about		
(5) There must be a link to FloodSmart (www (www.fema.gov/business/nfip).	(5) There must be a link to FloodSmart (www.floodsmart.gov) or to FEMA's flood insurance page (www.fema.gov/business/nfip).		
(6)The community must check the website's longer accurate.	(6)The community must check the website's links at least monthly, and fix those that are no longer accurate.		
(7) Additional credit is provided for WEB1 and WEB2 if the website content is covered in the community's PPI			
(a) A statement that the community has checked the website, fixed any broken links, and confirmed that the content is still current and pertinent.			
(b) [Required only for the extra PPI credit] The annual report prepared by the PPI committee that evaluates the service.			
Notes:			

Community Name:	
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Property protection advice (PPA) (40 points) (1) The community must identify at least one person to provide the flood protection advice and assistance. (2) The person(s) providing the advice and assistance must be familiar with structural and non-structural flood protection and mitigation measures, including flood insurance. (3) The advice must be provided one-on-one, i.e., by talking directly to the person making the inquiry, either face-to-face or over a telephone. (4) The service must be publicized at least once a year. (5) Records of the service must be kept and provided for credit documentation. (6) Additional credit is provided after a site visit (PPV) (45 points) (1) The community must demity provided a site in question and review the problem with the inquirer. (2) The publicity for the service must include a note that a community's provision of property protection advice. (3) Additional credit is provided if the flood protection assistance service is covered in the community's PPI. (4) The community must dentify at least one person to provide the financial assistance advice (FAA) (15 points) (5) Acong with the PPA publicity documentation was a fire that a community are presentative will visit the site in question and review the problem with the inquirer. (5) Additional credit is provided if the flood protection assistance service is covered in the community's PPI. (6) Additional credit is provided if the flood protection assistance service is covered in the community's PPI. (7) The community must identify at least one person to provide the financial assistance advice (FAA) (15 points) (8) Additional credit is dependent upon provided providing information on all available sources of financial assistance advisory service must be publicized in the same manner. (8) Financial assistance advisory service must be publicized in the same manner. (9) Financial assistance advisory service must be publicized in the same manner. (1) The community must identify at least one person on provide the fin	Activity 360 (Flood Protection Assistance) Max. 110 points			
(a) If the person providing the advice is not a community employee, a letter stating that the person to provide the flood protection advice and assistance. (2) The person(s) providing the advice and assistance must be familiar with structural and non-structural flood protection and mitigation measures, including flood insurance. (3) The advice must be provided one-on-one, i.e., by talking directly to the person making the inquiry, either face-to-face or over a telephone. (4) The service must be publicized at least once a year. (5) Records of the service must be kept and provided for credit documentation. (6) Additional credit is provided if the flood protection assistance service is covered in the community's PPI. Protection advice provided after a site visit (PPV) (45 points) (1) The publicity for the service must include a note that a community representative will visit the site in question and review the problem with the inquirer. (2) The publicity for the service must include anote that a community representative with site in question and review the problem with the inquirer. (3) Additional credit is provided if the flood protection assistance service is covered in the community's PPI. (a) The community must receive credit for PPA. PPV credit for site visits is an additional credit as part of the community representative will visit the site in question and review the problem with the inquirer. (b) Along with the PPA publicity documentation, a note that the community's PPI. (c) Records of the site visits and the advice provided must be kept francial assistance advice (FAA) (15 points) (1) The community must identify at least one person to provide the financial assistance advice is provided if the flood protection assistance service is covered in the community and the device of the site visits and the advice provided must be kept stating that the person and/or agency has agreed to do the work agencies have agreed to answer inquiries. (c) The service must be publicized at least once person to pro	Credit Criteria	Documentation		
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(2) The publicity for the service must include a note that a community representative will visit the site in question and review the problem with the inquirer. (3) Additional credit is provided if the flood protection assistance service is covered in the community's PPI (c) Records of the site visits and the advice provided must be kept Financial assistance advice (FAA) (15 points) (1) The community must identify at least one person to provide the financial assistance advice. It need not be local staff if other agencies have agreed to answer inquiries. (2) The service must be publicized at least once a year. PPA credit is not a prerequisite, to receive credit for FAA the financial assistance advisory service must be publicized in the same manner. (3) Full credit is dependent upon providing information on all available sources of financial assistance. (4) Names and titles of the people making the site visits (b) Along with the PPA publicity documentation, a note that the community will visit the site visits and the advice provided must be kept (b) Along with the PPA publicity documentation, a note that the community will visit the site visits and the advice provided must be kept (c) Records of the site visits and the advice provided must be kept (a) If not a community employee, the letter stating that the person and/or agency has agreed to do the work (b) A copy of how the service is publicized once a year. PPA credit is not a prerequisite, to receive credit for FAA the financial assistance advisory service must be publicized in the same manner. (b) A copy of how the service is publicized or memo to the files that reviews the list of sources of assistance (c) Record or memo to the files that reviews the list of sources of assistance (d) Copies of materials used to explain the	Protection advice provided after a site visit (PP\	() (45 points)		
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Financial assistance advice (FAA) (15 points) (1) The community must identify at least one person to provide the financial assistance advice. It need not be local staff if other agencies have agreed to answer inquiries. (2) The service must be publicized at least once a year. PPA credit is not a prerequisite, to receive credit for FAA the financial assistance advisory service must be publicized in the same manner. (3) Full credit is dependent upon providing information on all available sources of financial assistance. (a) If not a community employee, the letter stating that the person and/or agency has agreed to do the work (b) A copy of how the service is publicized (c) Record or memo to the files that reviews the list of sources of assistance (d) Copies of materials used to explain the		tection assistance service is covered in the		
(1) The community must identify at least one person to provide the financial assistance advice. It need not be local staff if other agencies have agreed to answer inquiries. (2) The service must be publicized at least once a year. PPA credit is not a prerequisite, to receive credit for FAA the financial assistance advisory service must be publicized in the same manner. (3) Full credit is dependent upon providing information on all available sources of financial assistance. (a) If not a community employee, the letter stating that the person and/or agency has agreed to do the work (b) A copy of how the service is publicized (c) Record or memo to the files that reviews the list of sources of assistance (d) Copies of materials used to explain the	(c) Records of the s	ite visits and the advice provided must be kept		
person to provide the financial assistance advice. It need not be local staff if other agencies have agreed to answer inquiries. (2) The service must be publicized at least once a year. PPA credit is not a prerequisite, to receive credit for FAA the financial assistance advisory service must be publicized in the same manner. (3) Full credit is dependent upon providing information on all available sources of financial assistance. (b) A copy of how the service is publicized (c) Record or memo to the files that reviews the list of sources of assistance (d) Copies of materials used to explain the	Financial assistance advice (FAA) (15 points)			
once a year. PPA credit is not a prerequisite, to receive credit for FAA the financial assistance advisory service must be publicized in the same manner. (3) Full credit is dependent upon providing information on all available sources of financial assistance. (c) Record or memo to the files that reviews the list of sources of assistance (d) Copies of materials used to explain the	person to provide the financial assistance advice. It need not be local staff if other agencies have agreed to answer	stating that the person and/or agency		
information on all available sources of financial assistance. the list of sources of assistance (d) Copies of materials used to explain the	once a year. PPA credit is not a prerequisite, to receive credit for FAA the financial assistance advisory service	(b) A copy of how the service is publicized		
(u) Copies of materials used to explain the	information on all available sources of			
	financial assistance.			

Community Name:	
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	Activity 360 (Flood Protection Assistance) - continued			
	(4) The advice must be provided one-on-one, i.e., by talking directly to the person making the inquiry, either face-to-face or over a telephone.			
	(5) Records of the service must be kept and provided for credit documentation.	(e) Records of the service provided		
	(6) Additional credit is provided if financial assi	istance advice is covered in the community's PP	'l.	
Advisor training (TNG) (10 points)				
	(1) Credit for property protection advice (PPA) and/or financial assistance advice (FAA) are prerequisites			
	(2) This credit is related to classes that are provided by the Emergency Management Institute (EMI). A community may submit an equivalent field-deployed or homestudy course for possible scoring.	(a) Copy of the certificate of course attendance.		
Note	es:			

Community Name:	
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Activity 370 (Flood Insurance Promotion) Max. 110 points			
Credit Criteria	Documentation		
Flood insurance coverage assessment (FIA) (15	points)		
For FIA credit, the flood insurance coverage as	ssessment must follow the 7 step process.		
(1) At each verification visit [collect the following a	and send it to the technical reviewer]:		
(a) A copy of the assessment document or the up	pdated assessment		
(b) Documentation that the document was submi	itted to the community's governing body		
Coverage improvement plan (CP) (15 points)			
(1) The community must receive credit for FIA.			
(2) to (7) [The plan must be prepared by a committee, include required items, submitted to governing body, adopted, include an annual evaluation, and be updated at each cycle visit.]			
(1) At each verification visit [collect the following a	and send it to the technical reviewer]:		
(a) A copy of the coverage improvement plan do	(a) A copy of the coverage improvement plan document or the updated plan.		
(b) Documentation that the document was adopted	ed by the community's governing body.		
Coverage improvement plan implementation (CF	PI) (60 points)		
(1) The community must receive credit for the FIA and credit for CP.			
(2) The projects implemented for CPI credit mu	ust be listed in the CP.	1	
(3) The community must implement at least one project that demonstrates that the community's elected leadership	(a) Copies of flyers, presentations, brochures, etc. that have been produced and disseminated as outreach projects.		
encourages people to purchase or increase their flood insurance coverage.	[Identify which project(s) involves elected leadership.]		
Technical assistance (TA) (20 points)			
(1) The community must identify at least one person, office, or agency to provide flood insurance advice.	(a) If not a community employee, the letter stating that the person and/or agency has agreed to do the work		
(2) The service must be publicized at least once a year.	(b) A copy of how the service is publicized.		
(3) Records of the service must be kept and provided	(c) Records of the service provided.		
Notes:			

Community Name:	
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	Activity 410 (Floodplain N	Janning) May 802 noints	
	, , ,		
	Credit Criteria	Documentation	
	(1) All studies and data that the community reque may be either digital or paper. This criterion do time of development.	sts for credit must be displayed on a map. This ropes not apply to studies done for a single site at t	
	he community must use the floodplain map or data evelopment regulations. The community either mu		
	(a) Amended its floodplain regulations to adopt the	e new floodplain map or data, or	
	(b) Authorized a local official, such as the commu unstudied areas. There must be a record show utilized by the official.	nity's engineer, to approve new maps or data in ving that the new study has been approved and	
cond	udy that has no impact on floodplain development i lucted for drainage improvements or the design of latory purposes.		
	(3) The study must be based on a FEMA-approve Technical Reviewer.	ed technique or specifically approved by the ISO/	CRS
	revision.	even if FEMA does not immediately publish the n	nap
	The criterion does not apply to studies done for a small-scale studies. However, studies that would FIRM zone boundaries must be submitted for a F	revise existing base flood elevations, floodways	
Note	es:		
New	studies (NS) (290 points)		
		e or specifically approved by the ISO/CRS Tech elevations where there are none, or elevations	
(3) lı	n order to receive NS credit, studies must [either]	•	
	(a) Produce a base flood elevation in a B, C, D, X elevation shown on the FIRM at the time of the		
	(b) In AE and VE Zones and numbered A and V Z that shown on the FIRM in effect at the time of		n
	a copy of the study and the study's floodplain map. whether these are available online or in a published		
S	he local law or ordinance that adopts the flood stu- ite-specific flood elevation or floodway studies to b pplication.		
(c) D	Development permit records showing how the new	data are used.	
r ('	The map showing the area covered by each NS stu "MAP#1," "MAP#2," etc.) marking the area affected map is explained in Section 413. Different areas manarked with the same acronym.	by the new study. The impact adjustment	
S	For Credit Points lines 1, 3, and 4] Evidence that the horeline, has been submitted to FEMA or FEMA is copy of the Flood Insurance Study, a LOMR, or a	aware that the study is available. This may be	

Community Name:	
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Activity 410 (Floodplain Mapping) - continued	
(f) [For Credit Points line 2a and 2b, flood elevations and floodway delineation for a site at time of development] A statement that the technique used in the study or the ordinance language is listed as acceptable in <i>Guidelines and Specifications for Flood Hazard Mapping Partners</i> . As an alternative to this statement, the community may submit a description of the technique for the ISO/CRS Technical Reviewer to determine whether it is equivalent to an acceptable technique.	
(g) Documentation showing how the area of the SFHA at the time of adoption of the study (aSFT) and the areas of NS were calculated.	
Notes:	
Leverage (LEV) (multiplier)	
(1) To receive LEV, the community must receive NS credit.	
(a) A copy of the community's determination of how LEV was determined. This may be a CTP agreement and documentation that the agreement has been completed. Note that many flood insurance studies and restudies were conducted by federal agencies and private consulting firms under contract to FEMA. LEV credits only the share of a study that FEMA did not fund.	
Notes:	
State review (SR) (60 points)	
(a) Documentation that the state or other agency reviewed and accepted the study or analysis techniques for which credit is being requested. This will usually be a letter from the responsible agency, stating that the review was done and/or that the data were approved.	
Notes:	
Higher study standards (HSS) (160 points)	
(1) HSS credit is provided for the following higher study standards: [any one]	
(a) Using a factor of safety when calculating the 100-year discharge,	
(b) Using better topographic data,	
(c) Using future-conditions hydrology (including sea level rise), and	
(d) Showing 500-year flood elevations and the boundaries of the 500-year floodplain. The use of unsteady or two-dimensional flow models is not credited because these are commonly up by FEMA when warranted.	used
(2) Additional higher study standards may be submitted by the community. The ISO/CRS Technica Reviewer will determine if they warrant credit for HSS.	ıl
(a) EITHER a copy of the relevant text from the community's Flood Insurance Study describing the higher study standard if the information was utilized by FEMA, OR the ordinance adopting the higher standard and examples of the data created by using the higher standard.	
(b) The map showing the area covered by the HSS study with the appropriate MAP acronyms marking the areas affected by the higher study standard. The impact adjustment map is explained in Section 413. Separate areas mapped to the same standards may all be marked with the same acronym.	
Notes:	

Community Name:	
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Activity 410 (Floodplain Mapping) - continued	
More restrictive floodway standard (FWS) (110 points)	
(a) A copy of the appropriate floodway data table and text from the community's current Flood Insurance Study or other regulatory floodplain study describing the standards used for delineating the floodway. If the study and map used for regulation are not included in the current Flood Insurance Study, the community must provide the map, the standard, the ordinance establishing the standard, and the ordinance adopting the standard.	
Notes:	
Mapping for special flood-related hazards (MAPSH) (50 points)	
The community's special flood-related hazards activities must meet the credit criteria described in the separate publications.	
(a) A map of the special flood-related hazards,	
(b) A copy of the ordinance adopting the map for regulating the special flood-related hazard, and	
(c) An engineer's statement that that the community's special flood-related hazard area maps and related data still reflect current conditions.	
Notes:	
Cooperating Technical Partner (CTP) (132 points)	
(2) EITHER:	
The community must have signed a Cooperating Technical Partner agreement with FEMA that identifies shared mapping responsibilities and costs, OR	
The community is in a regional agency or state that has signed a Cooperating Technical Partner agreement with FEMA that identifies the community or one of its flood problem areas as being study	died.
(3) CTP1 credit is provided only for Cooperating Technical Partner agreements that relate to new studies or study standards for floodplains in the community. No credit is provided for agreement that only provide information on existing studies and data.	ts
(a) A copy of the Cooperating Technical Partner agreement, if not on the FEMA website.	
Notes:	

Community Name:	
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Activity 420 (Open Space Preservation) Max. 2,020 points			
	Credit Criteria	Documentation	
Open space	preservation (OPS) (1,450 points)		
(1) The pard located in		egulatory floodplain, which means that the parce	el is
(a) The	SFHA as shown on the community's F	lood Insurance Rate Map (FIRM), or	
con	oodplain outside the SFHA where the nmunity enforces development ulations similar to those enforced for v development in the SFHA.	(d) For each parcel that is preserved as open space outside the SFHA, documentation showing that floodplain regulations are in effect in the area.	
		The community must map the area and document its floodplain management regulations.	
	otion of the parcels preserved as open s rcels also qualify for DR, NFOS, or SHC	pace. This could be a map or list that notes OS credit.	
end		there are no buildings, storage, filling, or other roperties in particular are NOT counted for this	
(3) The parc	el must be "preserved" as open space.	This criterion may be met in one of three ways .	:
and age inte not	olic land, such as state and local parks leasements, can qualify if the owning ency states in writing that the lands are ended to be kept as open space. As ed in Section 403, there is no open ice credit for federal lands.	(b) For each parcel that is preserved as open space because of ownership, documentation that the owner will keep the parcel open.	
are car	vate wildlife or nature preserves that maintained for open space purposes qualify if the owner states in writing they are intended to be kept as open ice.	(b) For each parcel that is preserved as open space because of ownership, documentation that the owner will keep the parcel open.	
dev buil	en space areas subject to land relopment regulations that prohibit dings and filling can qualify for OSP. ditional credit criteria on page 420-6.	(c) For each parcel that is preserved as open space because of a regulatory requirement, the ordinance language that prohibits structures and fill in part or all of the regulatory floodplain.	
(e) An impad	(e) An impact adjustment map.		
Notes:			

Community Name:	
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	Activity 420 (Open Space	Preservation) - continued	
Dee	d restrictions (DR) (50 points)		
	(1) All parcels to be credited for DR must first of	qualify for OSP credit.	
fo e d s	There must be language attached to the deed or the parcel that prohibits new buildings. The xact language for a legal arrangement or eed restriction will vary from state to state and hould be prepared by a local attorney. It hould include three features:	(a) For each parcel that has a qualifying deed restriction, a copy of the deed. The language that qualifies must be marked. DR credit can only be documented with a copy of the actual deed restriction. An ordinance requiring deed restrictions or dedication of easements is not adequate.	
	(a) No new buildings may be allowed on the pr	operty;	
	(b) The restriction runs with the land; and		
	(c) The restriction cannot be changed by a futu court for just cause.	ire owner; rather, it can only be amended by a	
(b) T	he impact adjustment map used for OSP credit	, with "DR" marked on the qualifying areas.	
Note	es:		
Natu	ural functions open space (NFOS) (170 points)	
(1) F	or all NFOS credit:		
	(a) All parcels to be credited for NFOS must fir	st qualify for OSP credit;	
	(b) Credit for NFOS1 is a prerequisite for the re	est of the credits;	
	(c) The property must be managed to stay in the designation; and	ne natural state or otherwise managed to keep i	ts
	(d) The areas qualifying for each credit need to be marked on the impact adjustment map prepared for Activity 420 .	(c) The impact adjustment map used for OSP credit, with "NFOS#" marked on the qualifying areas.	
	(2) NFOS1: Credit is provided if parcels with OSP credit are in an undeveloped natural state or have been restored to a natural state.	(a) For each parcel, documentation that support credit under NFOS1 and any additional cre requested. The document must describe the natural floodplain functions of the parcel. To document can be	dit e
		(i) A report or plan prepared by a qualified agency, such as a habitat conservation plan, a natural areas inventory, green infrastructure plan, etc., that includes the property to be credited, or	
		(ii) A memo or letter signed by a professional in a natural science such as botany, biology, forestry, or landscape architecture. The sample natural floodplain functions form shown in Figure 420-2 can also be used. (iii) [For NFOS5] A copy or photograph of	
		the educational material is sufficient.	

credit.

Activity 420 (Open Space Preservation) - continued (3) NFOS2: Credit is provided if parcels (b) [For NFOS2] A copy of the plan and the credited as NFOS1 are also designated resolution or other formal adoption in a plan to protect natural functions. The action. This is not needed if the plan is plan must meet the criteria for a natural submitted for NFP credit under Activity floodplain functions plan (NFP) credited 510. in Activity 510. (4) NFOS3: Credit is provided if parcels credited as NFOS1 are designated as critical habitat for threatened or endangered species or if the species is present. "Threatened or endangered species" include those already on a federal or state list and those on an official federal or state list of "species of concern" or "pending listing." (5) NFOS4: Credit is provided if parcels credited as NFOS1 are also in a designated open space corridor or connected network. This credits a designated open space corridor or connected network of wetlands, woodlands, wildlife habitats, wilderness, and other areas that support native species, maintain natural ecological processes, and sustain air and water resources. "Designated open space corridor" means the property has been identified for its corridor or network value in an approved plan. Such a network sometimes is called "green infrastructure." (6) NFOS5: Credit is provided if parcels credited as NFOS1 also provide educational material on the site's natural functions. This credit can be up to 20 points if the information is covered in the community's Program for Public Information, credited under Activity 330. Notes: Special flood-related hazards open space (SHOS) (50 points) (1) All parcels to be credited for SHOS must first qualify for OSP or LZ credit. (2) The community's special flood-related hazards credits must meet the credit criteria described in the separate publications on those hazards. The special hazard must be mapped and the area must be subject to development regulations that will help protect future development from damage from that hazard, or meet other criteria specified in the separate supplement. The documentation needed for crediting open space preservation and low-density zoning in areas subject to the different special flood-related hazards is detailed in the separate publications. Notes: Open space incentives (OSI) (250 points) (1) OSI1: Credit is provided if the regulations (a) For each regulatory requirement, the set aside all of the regulatory floodplain in ordinance language. a subdivision as open space (such as drainage or flowage easements or back yards) or otherwise keep them free from development. Regulations that meet OSI1 criteria do not qualify for OSP credit, because building still could take place on unsubdivided floodprone lands could still be built on. However, after a subdivision's final plat is recorded, the areas set aside could qualify for OSP

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Activity 420 (Open Space Preservation) - continued			
	(2) OSI2: Credit is provided if the regulations require that each lot in a new subdivision provide a building site that is on natural high ground, out of the regulatory floodplain. This credit is not provided if filling the floodplain (or cutting and filling) is allowed to meet the building site requirement or if a LOMRF is required.	(a) For each regulatory requirement, the ordinance language.	
	(3) OSI3: Credit is provided if the regulations state that TO THE EXTENT POSSIBLE, each lot in a new subdivision must provide a building site that is on natural high ground, out of the regulatory floodplain. If a lot does not have a buildable site out of the regulatory floodplain, all new structures, pavement, and other development must be sited where they have the least impact on habitat.	(a) For each regulatory requirement, the ordinance language.	
	(4) OSI4: Credit is provided if the regulations include transfer of development rights language or a density bonus to encourage staying away from the floodplain. Fewer points are provided for transfer of development rights or a density bonus within the same development.	(a) For each regulatory requirement, the ordinance language.	
	(5) OSI5: Credit is provided for regulations that allow cluster development through a planned unit development (PUD) or otherwise.	(a) For each regulatory requirement, the ordinance language.	
(6) OSI6: Credit is provided for a program that provides tax incentives to keep land open, such keeping farmland tax rates low when the owner signs an agreement to not develop it or not sell it for development. If the program results in permanent preservation of open space, eac qualifying parcel should be credited under OSP and, if appropriate, DR.		to	
	(7) OSI7: Credit is provided if the community's land use plan recommends open space use or low-density development of flood-prone areas.		
'n	(b) The impact adjustment map used for OSP credit, with "OSI" marked on the qualifying areas. It must show areas that are currently vacant and areas that are credited for open space preservation (OSP).		
	or extra credit for regulating flood-prone areas on the floodplain regulations are in effect in these a		
	During the verification visit, the ISO/CRS Special nat will document how the regulation has been a		
Note		· ·	

Community Name:	
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Activity 420 (Open Space Preservation) - continued		
Low-density zoning (LZ) (600 points)		
(1) The community must have a zoning ordinance that identifies different development criteria and densities for different areas. Other types of regulations are not credited.	(a) For each LZ value, the zoning ordinance language that explains the density requirement.	
(2) The lands to be credited for LZ must not qu	alify for OSP credit.	
(b) The impact adjustment map used for OSP credit must show the areas to be credited for LZ, areas (OSP), and the SFHA. Only the portion that cove	that are credited for open space preservation	
(c) For extra credit for low-density zoning in flood-preshowing that floodplain regulations are in effect in		
Notes:		
Natural shoreline protection (NSP) (120 points)		
(1) The regulation or program to protect natural shorelines must prohibitIn channels and channel banks in riverine	(a) [For credit for protection of natural shorelines] A copy of the regulations or policy on which the credit is based.	
 areas: Rip rap or armoring, channel alterations, dredging, filling, grubbing, and removal of vegetation; and On shorelines of lakes or oceans: Filling or other alterations to a beach, including beach nourishment projects; alterations to sand dunes; and construction of seawalls, bulkheads, armoring, or other shoreline stabilization structures. 	(b) [For restoration credit] A description of the restoration program or projects.	
(2) The regulation or program may allow human alterations that benefit natural floodplain functions, such as removing a	(a) [For credit for protection of natural shorelines] A copy of the regulations or policy on which the credit is based.	
levee, restoring habitat, reducing bank erosion with bioengineering techniques, or planting to preserve sand dunes, provided that the projects do not prevent channel or shoreline movement or reduce other natural floodplain functions.	(b) [For restoration credit] A description of the restoration program or projects.	
(c) An impact adjustment map (not needed if the community is using the optional minimum impact adjustment value of 0.1).		
Notes:		

Community Name:	
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Activity 430 (Higher Regulatory Standards) 2,042 points			
	Credit Criteria	Documentation	
	(1) Regulations adopted by a county, regional agency, or state that are enforced within the community can be credited. Their implementation is verified in the same manner as a community regulation and it is expected that the community will assist in the verification.	(1) The state or local law or ordinance language that adopts the regulatory standard. See also Sections 231.b and 231.c on documenting regulatory language.	
	(2) Regulations must have the force of law and	meet the requirement of Section 231.b.	
	(3) If the legal authority for the regulatory language is not clear, the ISO/CRS Specialist may request a letter from the community's legal counsel that confirms that he/she will defend the regulation in court if it is challenged.		
	(4) For CRS credit, the regulatory language m credit is requested, e.g., at the verification	ust be adopted and in full force at the time CRS visit.	
		mpling done during verification finds instances in It does not matter why it is not fully implemente	
(2)	The impact adjustment map. See Section 431.c	•	
	For credit for regulating flood-prone areas outsice egulations are in effect outside the SFHA (i.e., t		
(4) E	Development plans and/or permit records that do	ocument how the regulation has been applied.	
Notes: Development limitations (DL) (1,330 points)			
	Prohibition of fill (DL1):		
(a) Prohibition of all fill (DL1a): This credit is for prohibiting all filling in the regulatory floodplain. This includes not approving CLOMR-F or LOMR-F.			١.
	(b) Compensatory storage (DL1b): This credit is for regulations that require new development to provide compensatory storage at hydraulically equivalent sites up to a ratio of 1.5:1.		
	(2) Prohibition of buildings (DL2): Full credit for DL2 is for prohibiting all new buildings in the SFHA. If the regulations only prohibit certain types of buildings, such as residences, the points will be prorated. If buildings are prohibited in parts of the SFHA, such as the floodway, the impact adjustment will adjust the points. Prohibiting critical facilities is credited in Section 432.f, Protection of critical facilities, not under DL2.		
	(3) Prohibitions on storage of materials (DL3)	has no additional criteria.	
Notes:			
Free	eboard (FRB) (500 points)		
	of the lowest floor of the building or to the e floodproofed, and to all components of the attached garages. All portions of the buildir	B credit, freeboard must be applied to the eleva elevation to which a nonresidential building is droublely building, including all utilities, ductwork, and any below the freeboard level must be constructed the garage floor is below the freeboard level, the opproofing requirements for enclosures.	y d

Community Name:	
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	Activity 430 (Higher Regulatory Standards) - continued	
(2) T	The amount of freeboard is measured according to the following criteria:	
	(a) In A Zones, freeboard is measured from the top of the lowest floor. In V Zones, it is measured from the bottom of the lowest horizontal structural member. If the ordinance uses "lowest horizontal structural member" or similar language instead of "lowest floor" in areas outside of the V Zone or coastal A Zones where CAZ credit applies, 1 foot is added to the amount of freeboard credited.	
	(b) For the purpose of calculating CRS credit, the 500-year flood elevation is considered to be one foot higher than the base flood elevation, unless the community demonstrates that it is higher.	
	(c) In AO Zones, base flood depths are provided instead of base flood elevations. Where depths are not provided, the NFIP regulations require new buildings to be elevated 2 feet above the highest adjacent grade. Some communities misinterpret this requirement as two feet of freeboard.	
	(d) "Stem wall" construction involves constructing the foundation walls above grade, filling the interior area, and pouring a slab over the fill. From the outside, the building looks as though it is elevated on a crawlspace, but openings are not required. Such buildings are categorized as Diagram 1.b in the FEMA Elevation Certificate.	
	(e) If the ordinance uses the encroached elevation using FEMA's standard allowable maximum rise of one foot, add 0.5 feet to the amount of freeboard. Detailed riverine flood studies that produce a floodway provide a flood elevation based upon the floodway encroachment.	
(f) To receive full credit for this element, electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities (including ductwork) must be elevated or waterproofed to the base flood elevation plus freeboard. The value for freeboard in the table is considered to be 75% of the elevation requirement. If the community requires that electrical, heating, ventilation, plumbing, and air conditioning		
	equipment and other service facilities (including ductwork) be elevated or made of flood- resistant materials above the base flood elevation, but does not require these facilities to be elevated or protected to the freeboard level, then the value for freeboard in the table is considered to be 75% of the elevation requirement.	
	The activity documentation requirement must be met.	
Notes:		
Fou	ndation protection (FDN) (80 points)	
(1) F	or FDN1 credit, ALL new buildings in the regulatory floodplain (both)	
(a) Must be constructed on foundations that are designed and sealed by a registered design professional as complying with the requirements of the International Building Code, the International Residential Code, or ASCE 24, and		
(b) Must not be constructed on fill.		
(2) For FDN2 credit, ALL new buildings constructed on fill in the regulatory floodplain		
	(a) Must be constructed on properly designed and compacted fill (e.g., fill that meets the criteria of (1) Section 1803.5.8 and Section 1804.4 of the International Building Code, (2) Section 2.4 of ASCE 24, or (3) their equivalent);	
	(b) Must be on fill that has appropriate protection from erosion and scour; and	
	(c) Must meet a compensatory storage requirement (for the building and fill) that meets the credit criteria of Section 432.a., Development Limitations (DL1a).	

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Activity 430 (Higher Regulatory Standards) - continued		
(3) For FDN3 credit, all new buildings built on fill in the regulatory floodplain (all)		
	(a) Must be constructed on properly designed and compacted fill (e.g., fill that meets the criter of (1) Section 1803.5.8 and Section 1804.4 of the International Building Code, (2) Section 2 of ASCE 24, or (3) their equivalent), and	
	(b) Must be on fill that has appropriate protection from erosion and scour.	
Note		
Cun	nulative substantial improvements (CSI) (90 points)	
٠, ,	A list of all permits for building improvements or repairs in the regulatory floodplain	
	have been issued since the last visit. The list must include both substantial	
-	ovements and permitted projects that were not substantial improvements.	
Note	PS:	
Low	ver substantial improvements threshold (LSI) (20 points)	
` '	A list of all permits for building improvements or repairs in the regulatory floodplain	
	have been issued since the last visit. The list must include both substantial	
	ovements and permitted projects that were not substantial improvements.	
Note	PS:	
Prot	ection of critical facilities (PCF) (80 points)	
	(1) Credit is provided only if there is regulatory language that protects critical facilities.	
The fact that there are currently no critical facilities in the regulated floodplain may		
	indicate community policy, but adopted regulations are required for PCF credit.	
(2) To receive full credit for this element, the regulations must be enforced in the 500-year floodplain (note that the 500-year floodplain includes the entire SFHA plus other land that is lower than the 500-flood elevation). On newer Flood Insurance Rate Maps (FIRMs) with AE and X Zones, the 500-year floodplain is shown as the SFHA plus the shaded X Zone.		
	(3) The impact adjustment is based on the 500-year floodplain rather than aSFHA, the area of the SFHA.	
(a) A	An impact adjustment map, showing the 500-year floodplain.	
(b) [For extra credit for regulating floodprone areas outside the 500-year floodplain]	
Documentation that shows that floodplain regulations are in effect in these areas.		
Note	es:	

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Activity 430 (Higher Regulatory Standards) - continued Enclosure limits (ENL) (240 points) (1) Breakaway walls are enclosures and must be prohibited in order to receive full credit. Screening and open lattice-work are not considered enclosures. Some communities have language to require that there be "no obstruction" in the lower level of a building. Such language might allow breakaway walls or slanted louvers. This does not qualify for ENL credit. What counts for ENL credit is whether one can SEE THROUGH the lower part of the structure from the street. Lattice-work and insect screening are permitted, as long as the line of sight is not blocked. (2) The community may opt to enforce these enclosure limits only where the lowest floor is more than four feet high. Where the lowest floor is less than four feet high, a crawlspace with the proper openings may be more appropriate than an open area elevated on columns or piles. With less than four feet of height, the lower area is not likely to be improved or modified into a livable space, so the enclosure limits are not needed. (3) Partial credit is provided for a nonconversion agreement whereby the owner agrees not to modify the enclosed area in a way that would make it more susceptible to flood damage. Because this area is not visible from the street, the full credit of 90 points (under credit points (3), below) is provided only if the agreement allows the community the right to enter the property and inspect the inside of the enclosure periodically. (a) Elevation certificates, copies of nonconversion agreements, and other permit records that document how the regulation has been applied. (b) [For nonconversion agreements] Copies of inspection records. Notes: Building code (BC) (100 points) (1) The building code must be enforced throughout the community, not just the SFHA. (2) I-Codes (BC1): (a) To receive full credit, the entire I-Code must be adopted by the community. If the following sections are not adopted or are adopted with amendments, the language will be reviewed to determine the credit: o International Building Code: Chapters 3–7, 14–18, and 21–24. o International Residential Code: Chapters 3-6, 8, and 9. (b) The version of the I-Code series must be no more than six years old. (c) In some states, communities are required to adopt state codes or state versions of the I-Codes. In those cases, the provisions of the mandated code will be compared to the I-Codes and scored appropriately. The same provisions apply to the National Fire Protection Association (NFPA) codes. If they are adopted with amendments, the language will be reviewed to determine the credit. (3) BCEGS (BC2): The credit for BC2 is based on the community's BCEGS classification. (a) [For BC1 credit] (i) The state or local law or ordinance language that adopts the building code. See also Sections 231.b and c on documenting regulatory language. (ii) Permit records that will document that the code is being enforced. (b) [For BC2 credit] No documentation is required. The ISO/CRS Specialist will obtain the community's BCEGS classification directly from the ISO BCEGS office. Notes:

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Activity 430 (Higher Regulatory Standards) - continued		
Local drainage protection (LDP) (120 points)		
	(1) Credit is for regulations that ensure that every new building will be built so that it is protected from local drainage flooding.	∌d
	(2) A regulation that only addresses drainage plans in new subdivisions is not credited. The ke to this credit is that every building will meet some drainage protection standard at the time construction.	
Note	s:	
Man	ufactured home parks (MHP) (15 points)	
	(1) The community must have regulatory language that is enforced in manufactured home par or subdivisions.	ks
	(2) The community must have one or more existing manufactured home parks or subdivisions its regulatory floodplain where the base flood elevation is more than three feet above grade	
` '	levation certificates and anchoring records that document how the regulation has been oplied.	
(b) Documentation that shows that at least one manufactured home park has a regulatory flood depth greater than three feet above grade (Section 432.j, credit criterion (2)).		
Notes:		
Coastal A Zones (CAZ) (650 points)		
(1) The community must have a coastal floodplain on the Atlantic Ocean, Gulf of Mexico, Pacific Ocean, Bering Sea, or Great Lakes.		
(2) To receive CAZ1 credit a community must map or otherwise delineate its coastal A Zone. The coastal A Zone is the coastal SFHA that is not mapped as V Zone. A community may declare all of its coastal SFHA inland from the V Zone as coastal A Zone (as may be the case for a barrier island) or it may use some other standard, such as identifying all areas where breaking waves are higher than one foot.		
	(3) Credit for CAZ2, prohibiting enclosures, is in addition to credit for enclosure limitations (EN	L).
(4) The credit criteria for CAZ1 are V-Zone requirements. These credits are not available in a V Zone because they are minimum NFIP requirements in V Zones. A community can still receive credit for CAZ2 in a V Zone in addition to credit for enclosure limitations (ENL).		
(a) An impact adjustment map. The map is not needed if the community uses the impact adjustment approach listed under Impact Adjustment items (4) or (5), above. If a community-derived LiMWA is used, the data supporting the delineation must be supplied to the ISO/CRS Technical Reviewer for approval.		
Note	s:	

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Activity 430 (Higher Regulatory Standards) - continued

Special flood-related hazards regulations (SHR) (100 points)

The community's special flood-related hazards activities must meet the credit criteria described in the separate publications. Most require that the special hazard be mapped and the area be subject to development regulations that will help protect future development from damage due to that hazard.

The documentation needed for crediting higher regulatory standards in areas subject to the different special flood-related hazards is detailed in the separate publications.

Notes:

Other higher standards (OHS) (100 points)

Each regulation that has a higher standard than the NFIP criteria and that is not credited elsewhere is submitted for review. The actual determination of the credit provided is made by FEMA.

Notes:

State-mandated regulatory standards (SMS) (20 points)

- (1) Credit is added to the community's credit for a regulation credited in the 400 series.
- (2) The community's credited element is verified locally and the community must receive credit for the element before it gets the SMS bonus points. For example, if there is state-mandated freeboard, but a review of the community's Elevation Certificates shows that the community does not get freeboard credit, then it does not receive the 10% SMS bonus for the statemandated freeboard.
- (3) SMS credit for state-mandated erosion and sedimentation control regulations (ESC) or water quality regulations (WQ) under Activity 450 (Stormwater Management) is provided only if the state mandate exceeds the requirements for a NPDES permit.

Notes:

Regulations administration (RA) (67 points)

- (1) Staff training (RA1) provides credit for trained regulatory staff members.
- (a) [For RA1 credit for having a graduate from an EMI class] A copy of the certificate of course attendance.
- (c) [For CFM® and IAS accreditation] No documentation is needed from the community. The status is verified by checking the names on the websites of the Association of State Floodplain Managers and of the IAS.
- (a) Credit for training is provided for each
 - o Certified Floodplain Manager (CFM®);
 - o Graduate of an approved four-day class conducted at, or field deployed by, EMI; and
 - o Graduate of a home study version or other equivalent training.
- (b) Regulatory staff members may be employees or contract permit officials who administer the community's floodplain management permits. An exception is that credit for graduating from the CRS class (E278) is provided for any community employee, regardless of the office in which he or she works.

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Activity 430 (Higher Regulatory Standards) - continued		
(c) The credit for training is based on the number of courses taken. If two people take the "Managing Floodplain Development" course, it is counted two times. The same credit is provided if one person took both the "Managing Floodplain Development" and "Coastal Construction" courses. If a CFM® took the Coastal Construction course, it is counted two times.		
(d) There is no double credit for being both a C (E273). This is counted once.	CFM® and a graduate from the basic NFIP course	
(e) This credit is removed if the staff person lead certification.	aves the community or does not maintain his or her	
(2) IAS accreditation (RA2): IAS is the International Accreditation Service, an arm of the International Code Council. It has a program that reviews and accredits building departments.	(c) [For CFM® and IAS accreditation] No documentation is needed from the community. The status is verified by checking the names on the websites of the ASFPM and of the IAS.	
(3) Detailed inspections (RA3): Credit is for conducting three detailed inspections for each new building in the regulatory floodplain. Figure 430-3 explains what is needed for this credit. There is no partial credit for two inspections or for doing less than what is listed.	(b) [For credit for RA3 or RA4] Inspection records that show how each item was checked. For RA3, the records must include copies of the photographs and elevation surveys.	
(4) Reinspections (RA4), i.e., inspecting buildings when they are sold or rented to a new tenant or application is made for a home improvement permit. For CRS credit, the regulations must clearly state that the community's inspector has the right to enter the building at the designated occurrences (e.g., sale of the property) and will inspect for compliance with the floodplain management permit that was previously issued. Documentation of the inspections is needed at verification.	(b) [For credit for RA3 or RA4] Inspection records that show how each item was checked. For RA3, the records must include copies of the photographs and elevation surveys.	
(5) Off-site record storage (RA5): In the past, hurricanes, fires, floods, and other disasters have destroyed local permit offices and their files.		
Notes:		

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Activity 440 (Flood Data Maintenance) Max. 222 points		
Credit Criteria	Documentation	
Additional map data (AMD) (160 points)		
(1) AMD1 credit is a prerequisite for any other	- AMD credit.	
(2) The map or data base must be used regularly by the community's regulatory staff. There is no credit for a map system that is used only for planning drainage projects or other non-regulatory purposes. Using the system to provide map determinations for the permit office is considered a regulatory purpose.		
	division maps, flood insurance restudies, Letters of and studies performed for site-specific analyses must e or overlay map.	
(4) Data from a digitized mapping or parcel system must be made available annually to the Federal Emergency Management Agency (FEMA) at no cost (if requested). A fee may be charged to other requestors based on the actual cost of retrieval or reproduction.		
(a) Copies of the maps or data base that clearly printouts of some GIS screens could show all the		
(b)[If the community calculates impact adjustment r map discussed in Section 403. Each area listed requested must be shown on the impact adjustm	in Section 442.a for which credit is being	
AMD1 For showing the SFHA boundaries, co	orporate limits, streets, and parcel or lot boundaries (a	
data base management program must sho		
AMD2 For a layer showing buildings, building the SFHA and must be kept up to date.	g outlines or footprints. Must show if the building is in	
AMD3 For showing floodways or coastal high hazard areas		
AMD4 For showing base flood elevations		
AMD5 For FIRM zone attributes.		
AMD6 For showing the 500-year flood elevat	ions or boundaries	
AMD7 For showing areas of the community s subsidence, stream migration, or soils unsu	subject to other natural hazards, such as landslides, uitable for septic fields.	
AMD8 (1)If the community's GIS includes cor	ntour lines (8 points)	
(2) If the system includes contours a quarter quads for the area. (10 points)	at a better resolution that the USGS digital orthophoto	
AMD9 Updated floodplain data in the tax ass	essment data base.	
AMD10 Overlays or layers of all past FIRMS.		
AMD11 Other overlays or data bases used for regulation or mitigation purposes, including HAZUS or the community's repetitive loss areas.		
AMD12 Areas with natural floodplain function	ns (wetlands, riparian habitat, flood storage)	
AMD13 Digital building elevation data, not EC	Cs.	
Notes:		

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Activity 440 (Flood Data Maintenance) - continued			
Firn	n maintenance (FM) (15 points)		
		P must be maintained. Under this element, credit is Ms, i.e., every FIRM that appears on the list of FIRM	l
	(2) Additional credit is provided for maintainin FEMA maps published before the commu	ng copies of the Flood Hazard Boundary Maps, i.e., to nity received its first FIRM.	the
	(3) The maps and documents can be mainta	ined in paper, microfilm, or electronic format.	
	The indexes from all past FIRMs and Flood ach past Flood Insurance Study.	Boundary and Floodway Maps, and the cover of	
Note	es:		
Ben	chmark maintenance (BMM) (27 points)		
	(1) There must be a list of the benchmarks and/or CORS and a description of the benchmark and/or CORS locations.	(a) The list of the benchmarks and/or CORS.	
	(2) To receive credit, each benchmark must meet all of the following criteria:	(b) The data for the creditable benchmarks that are in the NSRS or the community's publicly	
	(a) It must be a benchmark that is either in the NSRS data base, or a permanent monument with key data posted in a reference system readily available to local surveyors,	accessible data base. This must include key data, such as the location and description of the benchmarks, the elevation and datum, and:.	
	(b) There must be a note that the benchm	ark has been recovered within the last five years.	
	(c) The benchmark must be a first- or sec	ond-order vertical control benchmark.	
	(d) It must have a stability rating of A or B		
	(e) It must be within one mile of some part of the community's SFHA.		
	(3) Credit can be provided for CORS as an a be at least three CORS within 30 miles of	Iternative or in addition to the benchmarks. There method the credited portion of the SFHA.	ust
	(4) An impact adjustment map is required that shows the community's SFHA, the locations of the listed benchmarks or CORS, and the portion of the SFHA that is within one mile of a qualifying benchmark or within 30 miles of a qualifying CORS.	(c) An impact adjustment map	
Notes:			
Erosion data maintenance (EDM) (20 points)			
See: "Coastal Erosion Hazards - A Special Flood-related Hazards Supplement to the CRS Coordinator's Manual"			
Note	es:		

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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 development to be no greater than the runof	to a regulation that requires the peak runoff fron from the site in its pre-development condition.	n new
(2) A community must have credit for size of development (SZ) and design storm (DS) in order to receive credit for SMR.		to
(3) For SZ credit, the community must, at a min increases in impervious area of 20,000 squa		
	management of at least a 10-year storm. A regu sh," the first inch of rainfall, or less than a 10-ye it may qualify as a water quality regulation (WQ	ar
(5) For DS credit, the community's regulations realculations and post-development runoff mu		ogy
(a) The needed documentation is assembled by the technical reviewer for this activity	ISO/CRS Specialist and provided to the	
(b) A copy of the ordinance or legal language the development in the watershed. For SMR credi runoff from new development be no greater th development condition. The margin next to whe marked, e.g., "SMR."	t, the language must require that peak an the runoff from the site in its pre-	
(c) Development and building permit records that del Engineering reports showing compliance with the		
(d) Documentation that watersheds outside the jurisd community desires credit for their standards.	liction of the community are regulated if the	
(e) An impact adjustment map showing watershed be jurisdictions.	oundaries and stormwater management	
[Required] Size of development (SZ)		
(1) A copy of the ordinance demonstrating what type development is required to control the increase in (Ordinance must be marked, e.g., "SZ.")	·	
(2) A copy of the ordinance exempting some properti	ies 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 regulation	ns (DS)	
(1) A copy of the ordinance demonstrating what storm with the ordinance requiring the control of increas (Ordinance must be marked, e.g., "DS.")		
(2) A copy of the ordinance exempting some properti	ies 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 d	levelopers meet the standard.	
(6) A copy of the community's impact adjustment ma	p.	

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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. (Ordinance must be marked, e.g., "LID.")	
Public maintenance of required facilities (PUB)	
 (1) Provide a copy of the ordinance requiring either 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. (Ordinance must be marked, e.g., "PUB.") 	
Erosion and sedimentation control regulations (ESC) (40 points)	
(1) To receive ESC credit, the community's regulations must apply to all construction sit 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 activit	
(b) Development and building permit records that demonstrate enforcement of the regulation. ISO/CRS Specialist determines how many records are needed to obtain a representative same	
(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. (Ordinance must be marked, e.g., "ESC.")	
(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. Records should demonstrate if site visits were completed.	
Water quality regulations (WQ) (20 points)	
(1) Development and building permit records that demonstrate enforcement of the regulation. ISO/CRS Specialist determines how many records are needed to obtain a representative satisfies.	
(a) The ordinance or law language that requires new development to implement appropriate best management activities to improve water quality. (Ordinance must be marked, e.g., "WQ.") The ordinance should demonstrate what types of development and what size of development are required to implement permanent best management practices.	
(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. Records should demonstrate is site visits were completed.	
Notes:	

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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: (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.

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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.			
WM	P2 (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.			
WM	P3 (55 points)			
	The plan manages peak flows and volumes to not increase over the existing values.			
WM	P4 (35 points)			
	(1) The plan manages runoff from all storms up to and including the 5-day event.			
WM	P5 (30)			
	(1) The plan identifies existing natural open space to be preserved from development so that natural storage of runoff is maintained.			
WM	P6 (25 points)			
	(1) The plan prohibits development, alteration, or modification of existing natural channels.			
WM	P7 (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.			
Note	es:			

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501 (The Repetitive Loss List)					
Category A					
	A community that has no repetitive loss	Signed copy of CC-RL			
	properties, or whose repetitive loss properties all have been mitigated.	Copies of AW-501s			
Note	es:				
Cate	egory B				
	A community with at least one, but fewer than 10, repetitive loss properties that have not been mitigated.	Signed copy of CC-RL			
Cop	ies of AW-501s				
(2)	(a) Prepare a map of the repetitive loss area(s),				
((b) Review and describe its repetitive loss problem	,			
((c) Prepare a list of the addresses of all properties	with insurable buildings in those areas, and			
(d) Undertake an annual outreach project to those addresses. A copy of the outreach project is submitted with each year's recertification.					
Notes:					
Cate	egory C		1		
	A community with 10 or more repetitive loss properties that have not been mitigated.	Signed copy of CC-RL			
Cop	ies of AW-501s				
(2) (a) Prepare a map of the repetitive loss area(s) (see Section 503),					
(b) Review and describe its repetitive loss problem,					
(c) Prepare a list of the addresses of all properties with insurable buildings in those areas, and					
(d) Undertake an annual outreach project to those addresses. A copy of the outreach project is submitted with each year's recertification.					
(3) (b) Prepare a floodplain management plan or area analyses for its repetitive loss area(s).					
Notes:					

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Activity 510 (Floodplain Management Planning) Max. 622 points				
Credit Criteria	Documentation			
Floodplain management planning (FMP) (382 points				
To receive any credit under this activity, the planning process must receive some credit under each of the 10 steps. [See Activity 510 FMP Checklist – "2013 Manual 510 scoring.xls".]				
(1) With the submittal of the plan or the five-year update to the plan [collect the following and send it to the technical reviewer],				
(a) A copy of the plan or updated plan to be credited. This can be a hard copy, digital copy, or link to a website with the full document. Either the plan is marked, or a separate document is provided, to show where each credited step and sub-step appears. There is a checklist that can be used to do this, available at www.CRSresources.org/500.				
(b) [For Step 1(b) credit for a committee of staff from different departments] The plan or a separate document must show which department representatives implement, or have expertise in, which of the six categories of mitigation measures.				
(c) [For Step 1(c) credit] A copy of the resolution or other official action taken by the governing body to create or recognize the planning process as specified in Step 1. For Step 2(a) credit for a planning committee, the resolution or action must identify the committee's membership.				
(d) [For Step 2(a) credit for a planning committee] The names of the committee members, their titles, and their represented organizations must be listed in the plan. The community may submit separate materials, such as meeting minutes and sign-in sheets, to document meeting attendance.				
(e) For Step 2(b), (c), or (d) credit for public meetings] Copies of the publicity for the public meetings. The notices of the meetings should be in the form of letters to floodplain residents, a notice sent to all residents, or a newspaper article or advertisement. An inconspicuous legal notice appearing in the classified section of the newspaper is not sufficient for CRS credit. If very few residents are affected, as may be the case for a plan that addresses only a repetitive loss area, a written record that the residents were called would be sufficient documentation.				
(f) [For Step 3(a) credit for reviewing existing studies, remust note where the information from the studies an footnotes. The plan also needs to include a list of all in a reference section or at the end of each chapter.	d reports was used, e.g., with quotations or			
(g) [For Step 3(b) credit for coordination with other ager contacts and meetings. Acceptable records include coordination, copies of any responses that were rec notes from telephone conversations, and emails. Th the plan document.	letters that cover the items needed for eived, follow-up memos from the meetings,			
(h) A copy of the resolution or other formal adoption act 9. The resolution should identify the implementation revision procedures, and call for the five-year update may be in the plan document).	responsibilities, describe the evaluation and			
Notes:				

Community Name:	
_	Data:

	Activity 510 (Floodplain Mana	gement Planning) - continued	
Rep	etitive loss area analysis (RLAA) (140 points)		
	(1) Communities with one or more repetitive loss repetitive loss area delineated in accordance include at least one of the properties on FEMA	with the criteria in Section 503. The area(s) must	
	(2) An area analyses must have been prepared a community. The analyses must meet the follow		
	(a) The repetitive loss areas must be mapped as	described in Section 503.b.	
		s of all the areas, it will be reflected through the must prepare analyses for all of its repetitive loss itive loss planning prerequisite (see Section 502	
		h all five steps must be completed, steps 2–4 do ble, the planners may want to contact agencies a Step 2) after the site visit is conducted (Step 3).	
[Col	lect the following and send it to the technical re	eviewer:]	
	a copy of each repetitive loss area analysis report of community wants credited (see Step 5).	or update of an earlier report that the	
(b) [Occumentation showing how the owners or residen	ts of the areas were notified (see Step 1).	
(c) E	ocumentation showing how the analysis was mad	e available to the media and the public.	
	copy of the resolution or other formal action by the accepts changes in subsequent updates.	e governing body that adopts the area analysis	
Note	es:		
Natı	ıral floodplain functions plan (NFP) (100 points)		
(1) F	or all plans:		
	(a) The plan may cover more than one communit functions within the community seeking credit.		in
	(b) The plan must be adopted. If the plan is not a community plan adopted by the community's governing body, it must be adopted by the appropriate regional agency.	(b) A copy of the resolution or other formal adoption action.	
	(c) The plan must be updated at least once every	10 years.	
	(d) The plan must include action items for protect natural floodplain functions. The action items action, how it will be funded, and when it will be	must describe who is responsible for implementing	
	(e) There is no credit for a plan that addresses we for an NPDES permit.	ater quality issues prepared pursuant to a require	ement
	to maintain fully functioning habitat for the spe	e a comprehensive inventory of the natural flood areas that warrant protection or preservation in or ccies of interest. Where threatened or endangere ldressed and a restoration plan must be included	rder d
	(3) For NFP2: This sub-element credits other plan could be single-issue or single-species plans of floodplain.	ns that meet the credit criteria listed in (1). These or plans that cover only one area of the commun	
_	lect the following and send it to the technical re	-	
· , ,	A copy of each NFP or update to a plan that the co	mmunity wants credited.	
Note	es:		

Community Name:	
-	Dato:

Activity 520 (Acquisition and	Relocation) Max. 2,250 points
Credit Criteria	Documentation
toward this activity appears in Section 301 and	scription of the kinds of buildings that can be counted d 302. Note that when buildings are counted toward structure on a lot is counted. There is no credit for ched garages and storage sheds.
(2) It must have been acquired or relocated after	the date of the community's initial FIRM.
crediting a property for open space preservati potential for duplicate credit for purchasing a	en space. This is documented in the same way as on (OSP) in Activity 420. There is, in effect, the property and maintaining it as public open space be additional credit if the property is preserved as estored to its natural condition (NFOS).
(4) If the building was relocated, there is no credi or a mapped repetitive loss area.	t if it was moved to a site in the regulatory floodplain
(5) A building is counted toward only one of the fi	ve elements.
(6) If a building was acquired or cleared with func (FMA) program, then the credit is 25% of the	ling support from FEMA's Flood Mitigation Assistance points listed for the element.
(7) Acquisition or relocation projects must have been compliant with applicable federal environmental and historic preservation laws and executive orders. A CC-520EHP must be completed for projects that are permitted or initiated after April 1, 2013. Credit is not provided if the project was not in compliance with applicable federal laws and executive orders.	7) Documentation of the implementation date for each project for which new credit is requested. A project is the building or group of buildings acquired or relocated within the same grant award, contract, or scope of work. A completed CC-520EHP is needed for projects implemented after April 1, 2013.
	et the minimum criteria of the NFIP. Credit can be damaged. Removing them from the floodplain is such buildings be brought up to post-FIRM
(1) A map showing the location of parcels where building the effective date of the FIRM and the total number bVZ). The map must show the community's regulate SFHA, any LiMWA regulated areas, and any additional regulations. The SFHA is as shown on the current whichever shows the larger floodplain. This map may open space credit under Section 424.d under Activities show the part of the community from which building boundaries. The map will also be used by the ISO/O verification visit.	of such buildings (bAR, bRL, bSRL, bCF and ory floodplain boundaries, which include the onal floodplain subject to the community's FIRM or on a published preliminary FIRM, ay be the same one used for documentation of ty 420 (Open Space Preservation). It need only is have been cleared. It should show lot
(2) Documentation that shows that each site credited of Activity 420. For properties in the regulatory floodpl space preservation (OSP) credit. For repetitive loss the regulatory floodplain, separate documentation is	ain, this may be done by applying for open or Severe Repetitive Loss properties outside
(3) Calculations showing the total number of buildings the number of buildings in the SFHA at the time of vin Section 302.	in the SFHA (bSF). The variable bSF represents verification of this credit. It is discussed in detail
(8) Identification of which properties if any, were cleare Flood Mitigation Assistance (FMA) program.	ed with support from FEMA's

Community Name:		
	Date:	

Notes:			
	Activity 520 (Acquisition	and Relocation) - continued	
Buildings acquired o	r relocated (bAR)		
(1) For bAR cred FIRM.	it, buildings must have been ac	quired or relocated since the effective date of the	
regulatory floo impact adjust	must have been located in the odplain as shown on the ment map prepared in vith Section 403.	(4) Documentation showing that floodplain regulations are in effect in the area.	
control structu twice: first, it i	ure, or other activity is not eligib s not subject to the mandatory l	dplain because of remapping, completion of a flood le for this credit. Such a building has already benefit NFIP insurance purchase requirement; and second, ace, the premium will be based on the lower X-Zone	ted , if
Notes:			
Buildings on the repe	etitive loss list (bRL)		
501). Properti		ed repetitive loss list for the community (see Section eas that are not on the list do not qualify for bRL (bu bry floodplain).	
be updated to	petitive loss data base must preflect the mitigation project, in Section 501.	(5) [For each parcel that is credited toward bRL or bSRL] Documentation and a marked-up form AW-501 to update the repetitive loss data base, as explained in Section 501.	
(3) Buildings cou	nted toward bAR, bSRL, bCF o	r bVZ are not counted toward bRL.	
	d toward bRL, the building may gulatory floodplain.	be located anywhere in the community, including	
(5) A community	with no properties on the FEMA	A repetitive loss list is not eligible for this credit.	
Notes:	co proportice (bSBL)		
Severe Repetitive Lo	• • • •	vers Depotitive Less proporties on FEMA's undeter	-d
repetitive loss	s list for the community (see Sec	,	a
	petitive loss data base must reflect the mitigation project	(5) [For each parcel that is credited toward bRL or bSRL] Documentation and a marked-up form AW-501 to update the repetitive loss data base, as explained in Section 501.	
(3) Buildings cou	nted toward bAR, bRL, bCF or	bVZ are not counted toward bSRL.	
` '	d toward bSRL, the building magulatory floodplain.	y be located anywhere in the community, including	
(5) A community eligible for this		properties on the FEMA repetitive loss list is not	
Notes:			

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Community Name:	
_	Date:

	Activity 520 (Acquisition and Relocation) - continued		
Criti	cal facilities (bCF)		
	(1) For bCF credit, critical facilities must have be the FIRM.	een acquired or relocated, since the effective date of	of
	500-year floodplain mapped on the current the facility meets the critical facility	relocated critical facility to demonstrate that	
	whichever shows the larger 500-year floodplain. Critical facility buildings must have been relocated outside the 500-year floodplain.	Documentation that demonstrates that it has been relocated outside the 500-year floodplain.	
(4) E	Occumentation showing that floodplain regulations	are in effect in the area.	
Note	·s:		
Buil	dings located in the V Zone or coastal A Zone	(bVZ)	
	as shown on the current FIRM or on a publish bVZ can also include buildings cleared from the street of the street	quired, relocated, or otherwise cleared from the V Z hed preliminary FIRM if adopted by the community the area designated as a coastal A Zone or LiMWA r regulating that area under CAZ in Activity 430 (Hi	,
	(2) Acquired, relocated, or otherwise cleared but counted under bVZ, not under bAR.	ildings located in the V Zone or coastal A Zone are	
Note	es:		
	·		

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Community Name:	
-	Data

Activity 530 (Flood Prote	ection) Max. 1,600 points	
Credit Criteria	Documentation	
All Projects: Retrofitting and Flood Control		
(1) Each flood protection project (retrofitting technique control technique) must meet the following criteria:	e or structural flood	
(a) The protected building(s) must be an insural	ble building(s) (see Section 301);	
(b) The project must have been completed after	r the effective date of the initial FIRM;	
(c) The project must protect the building(s) from	at least the 25-year flood;	
(d) All required permits must have been issued writing that the project complies with all fede	for the project or the local permit officer must state i ral, state, and local codes and regulations;	in
(e) For critical facilities, to receive the bonus cre 500-year flood level;	edit the buildings must be protected to at least the	
plus the time it takes to install the measure.	ere must be at least one hour of flood warning time "Human intervention" means that a person is neede perate a protection device before flood waters reach	
(g) Credit is not provided for a retrofitted buildin not appear to be maintained.	g or flood control project that is in disrepair or does	
(4) Environmental compliance: Flood protection projects must adhere to applicable federal environmental and historic preservation laws and executive orders. CC-530EHP must be completed for all projects permitted or implemented after April 1, 2013. Credit is not provided if the project was not in compliance with applicable federal laws and executive orders.	(e) Documentation of the implementation date for each project for which new credit is requested. A project is the building or group of buildings acquired or relocated within the same grant award, contract, or scope of work. A completed CC-530EHP, Certification of Compliance with Environmental and Historic Preservation for Flood Protection Projects, is needed for projects implemented after April 1, 2013.	
List addresses or project areas requiring a CC-	530-EHP:	
(6) Regulatory floodplain: Credit is provided for shown on the current FIRM or preliminary F	buildings in the Special Flood Hazard Area (SFHA) IRM, whichever is larger.	
(d) A map showing the location of all protected building	ngs for which credit is being requested.	
(f) [If the community is using Option 2 under Section of buildings in the SFHA (bSF). NOTE: The variable Activities 510, 520, and 610.		
(g) [For credit for protecting non-repetitive loss buildir Documentation that shows that floodplain regulation SFHA.		

Community Name:	
_	Data:

	Activity 530 (Flood Protection) - continued		
	Retrofitting Projects, Elevation (TUE), dry floodproofing (TUD), wet floodproofing (TUW), sewer backup (TUS), barriers (or single building or property (TUB) (1,600 points)		
b	Retrofitting projects: In addition to the criteria in Section 531.b(1), the design of retrofitting project uildings located in the following high hazard areas must be signed and sealed by a registered derofessional:		
	(a) V Zones, coastal A Zones, and areas seaward of the LiMWA;		
	(b) Areas with velocities greater than 5 feet per second during the 100-year event; and		
	(c) Areas subject to any of the special flood-related hazards listed in Section 401.		
(a) [l	For elevation projects] Copies of the Elevation Certificate for each elevated building.		
	For retrofitting projects other than elevation] A list of all buildings for which credit is requested nd a signed Community Certification for Retrofitted Buildings (CC-530).		
	[530 credit worksheet.]		
Note	es:		
Floo	od Control Projects: Channel modifications (TUC), storage facilities (TUF) (1,000 points)		
	flood control projects: In addition to the criteria in Section 531.b(1), structural flood rol projects must meet the following:		
	(a) The design and construction of the project must have been certified by a licensed profession engineer;	nal	
	(b) The responsible agency must be implementing an operations and maintenance plan that we prepared for the project by a licensed professional engineer;	as	
	(c) If the flood control project lowers the base flood elevation shown on the FIRM, a Letter of M Revision (LOMR) must be submitted to FEMA, as required by the regulations of the National Flood Insurance Program (NFIP) at 44 <i>CFR</i> §65.3;		
	(d) The community must ensure that the impact of future development will not adversely affect project's flood protection level. This can be done by either	the	
	(i) Enforcing watershed-wide regulations that prevent increases in stormwater runoff. This of documented by receipt of credit for stormwater management regulations under Activity 4 (Stormwater Management) (i.e., credit for SMR or WMP with an impact adjustment of 1. the watershed upstream of the project). The design storm (DS) must be at least as large the flood protection level for the project; or	150 0 for	
	(ii) Designing the project so that it will perform to its design protection level based on a wate that is fully built out or developed in accord with an adopted long-range land use plan. T community must document that the protection level is still valid at each cycle verification	he	
	(e) Additional documentation may be required for the review of flood control projects that are u to a community or region.	nique	
(c) [F	For structural flood control projects]		
(i)	The level of flood protection for each building to be credited, both before and after the project was installed or constructed.		
(ii	() [For buildings protected by a reservoir, detention basin, retention pond, or other facility that stores water above ground] A letter from the state dam safety office stating that the structure meets all state dam safety requirements. If there is no state dam safety office, then a registered design professional must certify that the project meets all appropriate dam safety criteria.		

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Community Name:	
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Activity 530 (Flood Protection) - continued				
	(h) [If the flood control project revised the base flood elevation] A copy of the CLOMR submittal to FEMA.			
	[530 credit worksheet.]			
Note	es:			
	Projects not credited: The following projects are NOT credited under this activity:			
List	of properties considered for 530 credit, but do not qualify:			
(If bo	oxes checked below, then 530 credit is not allowed for those properties.)			
	(a) Projects that protect to less than the 25-year flood level;			
	(b) Projects that protect buildings outside of the regulatory floodplain (except repetitive loss			
	buildings);			
	(c) Post-FIRM buildings. Credit is not provided for post-FIRM buildings because the NFIP already requires that they be protected. However, if a post-FIRM building was retrofitted to protect it from			
	a flood hazard not covered by the FIRM or NFIP regulations, credit is provided under this activity.			
	For example, a post-FIRM building may have been constructed to the base flood elevation shown			
	on an old FIRM, but the current base flood elevation is higher because of a recent restudy. If the building is elevated again to protect to the new base flood elevation, then the community could			
	receive Activity 530 credit. However, constructing a new building to meet the community's flood			
	protection requirements is not retrofitting;			
	(d) Projects implemented due to a requirement of the NFIP, such as elevating a substantially damaged or substantially improved residential building. The following are examples of how this rule is applied:			
	(i) Although elevating a building solely to meet the NFIP rules is not credited, credit is provided for bringing a noncompliant building into compliance if the project was implemented voluntarily or pursuant to a community action, such as providing financial assistance or declaring a dilapidated structure to be unsafe and uninhabitable.			
	(ii) If a noncompliant building is removed, and replaced with a new building constructed to post- FIRM standards, it can be counted toward TU1. Demolishing and replacing a substantially improved or substantially damaged is not an NFIP requirement.			
	(iii) Projects constructed to mitigate the adverse effect of not properly regulating new construction			
	in accordance with a court order or an agreement with FEMA are not credited. Such an action			
	would be considered one taken to meet the minimum requirements of the NFIP;			
	(e) If a building is removed but not replaced, and the parcel is preserved as open space, it can be counted toward credit under Activity 520 (Acquisition and Relocation). If a building is removed but not replaced, and the parcel is not preserved as open space, it can be counted toward TU1 because local codes will ensure that if anything is constructed, it will meet post-FIRM standards;			
	(f) Coastal structural projects, including seawalls, groins, and beach nourishment;			
	(g) Levees or floodwalls that protect more than one property. Levees are covered under Activity 620 (Levees);			
	(h) Dams that are not in compliance with the state's dam safety regulations; and			
	(i) Structural flood control projects owned AND operated by a federal agency. Credit is not provided for the major flood control works owned and operated by agencies such as the Corps, TVA and the Bureau of Reclamation. However, credit is provided for locally owned and operated projects that were partially funded by a federal agency.			

Community Name:	
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Activity 540 (Drainage System Maintenance) Max. 570 points			
	Credit Criteria Documentation		
	(1) Credit for this activity is dependent upon annual or regular inspection of the conveyance system and/or storage basins. The community (or other non-federal agency) must have a program to inspect its drainage facilities annually, upon receiving a complaint, and after each major storm.		
	(2) The operations and maintenance of the drainage system can be provided by the community, another non-federal agency, or private property owners. Whether the operations and maintenance are performed by the community; a county, regional or state agency; or a private property owner, the CRS community is responsible for providing all the documentation needed to verify credit.		
	(3) No credit is provided for projects that rely on unsecured outside funding, such as a special appropriation from the state legislature or approval of a U.S. Army Corps of Engineers clearing-and-snagging project. Secure outside funding, such as an annual state distribution of gasoline tax receipts, is acceptable.		
	(4) Environmental compliance—The community's program for drainage system maintenance must be compliant with applicable federal environmental and historic preservation laws and executive orders. The community must complete a CC-540EHP. Credit is not provided if local drainage system maintenance procedures are not compliant with applicable federal laws and executive orders.	CDR and SBM (e) A completed Certification of Compliance with Environmental and Historic Preservation Requirements for Drainage System Maintenance (CC-540EHP).	
(5) There may be special restrictions on drainage system components or facilities, or requirements to obtain a federal or state permit before certain work can proceed. Often, a "general" or "statewide" permit or other permission can be granted in advance for projects that are specifically described in the permit. Such laws and regulations usually do not preclude all maintenance work, but they may place restrictions on activities that disturb natural or protected areas. These restrictions must be included in the community's procedures			
Notes:			
Char	nnel debris removal (CDR) (200 points)		
 (2) The community (or other non-federal agency) must have a program to inspect and maintain its drainage facilities, and inspections must be conducted (a) At least once each year, (b) Upon receiving a complaint, and (c) After each major storm. Action must be taken after an inspection identifies a need for maintenance or cleaning. 			
	(3) The community must provide a map of the conveyance system with components (structures and segments) of the drainage system labeled.	(b) The map of the community's drainage maintenance area with the conveyance system delineated and its components (structures and segments) labeled.	
	(4) The community must provide a complete inventory of its conveyance system components.	(c) A complete inventory of the components of the community's conveyance system.	

Community Name:	
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Activity 540 (Drainage System Maintenance) - continued			
Channel debris removal (CDR) (continued)			
	(5) Procedures for inspection and maintenance must be in the form of written procedures or guidelines. These are explained in "Drainage System Inspection and Maintenance Procedures," below.	(a) A copy of the procedures, instructions, or other documents that explain the community's routine inspection and debris removal program.	
	(6) All the inspection and maintenance activities must be recorded and the records must be maintained until the next verification visit.	(d) Copies of the records that show that inspections were conducted and maintenance was performed when inspections revealed problems.	
Notes	3:		
Prob	lem site maintenance (PSM) (50 points)		
1 100	. , , ,	t for CDD	
	(2) The community must also be receiving credi		
	(3) The community must have written procedures or guidelines that identify each problem site component, what the issues are, and what special inspection and/or maintenance is needed. These are explained in "Maintenance Procedures for Problem Sites," below.	(a) A copy of the procedures, instructions, or other documents that explain the community's problem site inspection and maintenance. These are likely to be part of the procedures submitted for CDR credit. The special problem site inspection and maintenance procedures need to be identified, e.g., marked in the margin as "PSM."	
	(4) The problem sites are identified on the community conveyance system map developed for CDR credit and noted in the conveyance system component inventory.	(b) The inventory of the components of the community's conveyance system prepared for CDR, annotated to show which components are problem sites.	
	(5) The community's maintenance program mus	st require that	
	(a) An inspection be conducted more than once each year,		
	• • • • • • • • • • • • • • • • • • • •	onent be conducted after each major storm, and	
(a) C	(c) Action be taken after an inspection identif		
(c) Co	opies of the records showing that inspections we erformed when inspections revealed problems.	re conducted and that maintenance was	
Notes			
Capit	tal improvement program (CIP) (70 points)		
	(2) The community must also be receiving credi		
	(3) Sites that are improved through the program must be in the community's conveyance system as defined in its procedures to document CDR. Projects to improve road drainage or storm drains can only be credited if those sites are identified in the community's procedures and regularly inspected and maintained.		
	(4) There must be a "master list" of problem sites that are planned for improvement projects. The list can be prepared from master watershed plans, complaints, or reports from maintenance crews. Projects do not have to be prioritized or listed in any order.		

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Community Name:	
_	Date:

	Activity 540 (Drainage Syste	m Maintenance) - continued		
	(5) For full credit, an engineering analysis must have been completed that identifies the problem and provides a solution. It must include an estimate of the 1% annual chance (100-year) flood at the problem site and the resulting flood elevations. The design of the "solution" may use a lower design standard, but the community needs to recognize the impact of the 1% flood.			
	(6) The community must spend money on a regular basis on such improvement projects (a one-time-only project would not be credited). This can be documented by a multi-year capital improvements budget or line items in several years' budgets that fund drainage improvement projects.			
co	xcerpts from the capital improvement plan or othe mmunity (or other drainage maintenance agency aintenance problems. The submittal must include	r) has an ongoing program to reduce drainage		
	master list of the community's drainage maintena mination or correction.	nce problem sites that are in need of		
(ii) Re	ecommended correction measures for the proble	m sites.		
(iii) D	ocumentation that funds are spent on capital imp	rovement projects each year.		
(iv) If	full credit is requested, documentation of the eng	gineering analysis.		
Notes	5:			
Strea	nm dumping regulations (SDR) (30 points)			
	(2) The community must also be receiving credi	t for CDR.		
	(3) The regulations that prohibit disposal of debris in the community's drainage system must be enforced throughout the entire community. The ordinance or law must designate an office or official responsible for receiving complaints and monitoring compliance and it also must include enforcement and abatement provisions.	(a) A copy of the stream dumping ordinance or law prohibiting the disposal of debris in the affected drainage system. The acronym SDR must be marked in the margin of the ordinance sections that pertain to this element, including the responsible office or official		
pu pr	dditional credit is provided if the community ablicizes the regulatory requirements that ohibit stream dumping. This may be done rough the following outreach projects:	(b) A copy of the notice, outreach project, or other medium through which the service is publicized.		
	(a) A notice sent to all property owners in the community (which may or may not be credited under OP in Activity 330); or			
	(b) Posting "no dumping in the stream" signs at key locations in the drainage system, such as frequent problem spots, schools, or public park; or			
	(c) An outreach project identified in the community's PPI if the PPI publicizing drainage system maintenance and the regulations that prohibit dumping.			
Notes	3:			

Community Name:	
-	Dato:

Activity 540 (Drainage System Maintenance) - continued			
Storage basin maintenance (SBM) (120 points)			
	(2) The community must also be receiving credit for both SZ and PUB within element SMR under Activity 450.		
	 (3) The community must have a program to inspect and maintain its storage basins, and inspections must be conducted (a) At least once each year, (b) Upon receiving a complaint, and (c) After each storm that could adversely affect the drainage system. Action must be taken when an inspection reveals a need for maintenance or cleaning. Procedures for inspection and maintenance must be in the form of written procedures or guidelines. 	(a) A copy of the procedures, instructions, or other documents that explain the community's storage basin inspection and maintenance program.	
	(4) The location of all public and private storage basins must be mapped.	(b) The map showing the location of all storage basins in the community.	
	(5) The community must have a complete inventory of storage basins within its jurisdiction.	(c) The inventory of all storage basins located in the community.	
	(6) All the maintenance and inspection activities must be recorded and the records must be maintained until the next verification visit.	(d) Copies of the records that show that inspections were conducted and maintenance was performed when the inspections revealed problems.	
	completed Certification of Compliance with Environments for Drainage System Maintenance (CC		
Note	s:		

Community :	County:	State	ə:
Activity 610 (Flood Wa	rning & Response) Documen	tation Check	dist
Activity Credit Criteria a	and Documentation		
Credit criteria for this activity a Coordinator's Manual.	are described in more detail in Section 61	11.b of the CRS	
[flood threat recognition sy	n some credit in the first four flood warn vstem (FTR), emergency warning dissemand critical facilities planning (CFP) to a	nination (EWD),	flood
(2) The community must have	a description of its flood hazard that incl	udes information	about
historical flood problen	nunity's flood hazard, such as flood depthers, and special flood-related hazards. P		
	sed to flooding, such as the number and tal, open space, etc.); critical facilities; and		*
	Pa	iges	J
	of flooding on health and safety, communate the potential for secondary hazards.	nity functions, such	ch as police
	Pa	ges]
The inundation map mu	a flood inundation map(s), also known as	_	-
storm surge levels. [See Attachment	Paş	$\sigma_{P}\varsigma$	7
	a flood warning and response plan that h		
Describe the methods a general public that are	and warning devices used to disseminate or credited under EWD.	emergency warni	ngs to the
[See Attachment		ges	J
credited under FRO. The	response actions that are taken at the difference FTR system must be correlated to the	flood inundation	map.

1

Community	/:	County:	State:
For	full credit for flood response operat	ions, the plan needs to)
	Describe the actions to be taken,	, 1	[Pages]
(b)	Identify the office or official respon	nsible for the action,	[Pages]
(c)	Define the time needed to carry out	the activity, and	[Pages]
	ntain other critical information that coefform their assigned responsibilities		_
apj co	adopted by the community's gover proval authority by the community's unty/parish level, it must be adopted the Attachment	s governing body. If the by the individual cor	he plan is prepared at the nmunity seeking credit.
busines This ca	mmunity must implement one or makes how they will be warned and to be done by using one or more och used):	he safety measures th	ey should take during a flood.
•	Sending an outreach project (residents and businesses in the com		, or newsletter) each year to all
•	Sending an outreach project ewhere the warning program is in eff	•	nts and businesses in the floodplain
•	Developing an appropriate ap (PPI).	pproach as part of a Pr	ogram for Public Information
•	If the community has at least areas subject only to tropical storms document that it provides repeated and businesses, beginning at least 7	s and hurricanes or co watch, warning, and s	afety information to all residents
•	A community with more than need to use different types of project		ng (e.g. coastal and riverine) may udiences.
mea	opy of the outreach material used asures they should take.		•
[Se	e Attachment	Pa	ıges]
sub	ne outreach material is also credite mittal is not needed, provided that otated to show where the Activity	the other document	including a PPI, if used) is
	nust be at least one exercise and ex The exercise can be for a flood, lev		

met if implemented by an actual flood or threat of failure.)

Community :	County:	State	9:
response conducted dur participated, lessons lea of the after-action repor	od exercise, drill, or response to an a ring the previous year. The description arned, and any recommendations for rt or any similar report for any actua Pag	on must include a list changes to the system l response is required.	of who n. A copy
NOTE: If the community experience warning program's perform	eed a flood during the past year, it must subrance.	nit an evaluation report on	the flood
Flood Threat Recognition Syst	tem (FTR) Credit Criteria and Add	litional Documentati	on
(1) The activity credit criteria	nust be met.		
provides early notice of a f be able to receive or provide	a Level 1, Level 2, or Level 3 flood lood for at least one location within the flood warnings 24-hours a day, se of service for different sources of flood	the community. The s ven days a week. A co	ystem must ommunity
a. Provide a description of	of the flood threat recognition system	n.	
-	identify the rivers, streams, and coarared and each forecast point.	stal floodplains where	flood
	s own gage system, such as an ALE f the stream and precipitation gages.		iption must
community. If appropri areas other than the abo		nity provides flood for	ecasts for
[See Auachmeni		pages	J
warnings on a 24-hour	that demonstrates that the communi basis from what federal, state, or oth	ner agencies.	
and makes flood foreca whether the collection s manually or automatica	other local agency uses rainfall and/outsits from these data, provide a descripy system is based on precipitation and ally read and reported, the location pages	ption of the system. [7] or river gage data the gage network density,	Tell at are
peak flow or elevations			
[See Attachment		pages]

 If flood warnings are received from another agency, include A description of how the notice is received.
 [See Attachment
Provide examples of one or more flood forecast notices issued for the community. [See Attachment pages]
If the community has its own gage system, such as an ALERT system, a copy of the maintenance procedures for the system and records showing that the system is being maintained.
 Provide documentation of the annual maintenance and testing of the data collection, communications, and data analysis components of the flood threat recognition system.
(3) The flood threat recognition system must be correlated to the flood inundation map, so that the emergency manager can see what areas will be affected by the predicted flood.
An impact adjustment map showing the area(s) affected by each element and documentation showing how the numbers of buildings used in the calculations were determined. [See Attachment pages]
Emergency Warning Dissemination (EWD) Credit Criteria and Additional Documentation
(1) The activity credit criteria must be met.
(2) The warning must reach people in a timely manner. For example, television or radio announcements are not credited in areas subject to flash flooding during the night.
(3) For those warning systems requiring specialized equipment, such as sirens, the equipment and procedures must be tested at least annually. Equipment that is used routinely throughout the year, such as television notices and message boards, do not need testing records for CRS credit.
Copies of any written warning materials, such as handouts or the flood inundation map credited under EWD 10. [See Attachment]
J
[For EWD1, 2, 5, 6, or 7] A copy of the pre-scripted messages. [See Attachment]
[For EWD3] The impact adjustment map, showing the siren locations and their effective coverage areas. [See Attachment
J

Community : _____ State: _____

Community :	County:	State:
	ne description of a publicly owned call we provider. [See Attachment]	arning system or a copy of
[For EWD7] A copy of the	he cable TV agreement and override proc	-
[See	on of the capability and use of other form	•
which specifies when and ho copy of the adopted policy the procedures that tell warning	the local government has adopted an eme w a warning is issued and what messages hat specifies when and how a warning is in point personnel when, how, and what menumber page 1	s will be used. Provide a ssued. [Include the written essages to issue.]
	rogram for testing warning dissemination quency of the tests.] [See Attachment	
flood warnings, provide a mathey can be heard inside a clo	an outdoor voice-sound system or siren some showing the location of the sirens and osed building during storm conditions. pages	the coverage area where
warning, provided document	to-door contact or a mobile public address ation describing how the tasks are organi pages	zed and conducted.
System, provide a copy of the	e plan includes flood warning using the E he community's activation policies, proce	edures, and example
describing how and when th	ed to warn all residents in the SFHA, pro ne system is updated, and its backup systemswer provided. [See Attachment	em for warning residents
announcements, provide do	lished local AM radio transmitters used for their understand on the procedures for their understanding pages	ise.
(11) If the community has other	r warning methods not described above, t	these may be submitted for
(12) If the flood inundation map610 Documentation Checklist	p is posted online, provide URL5	 July 2013

Flood Response Operations (FRO) Credit Criteria	and Additional Docu	ımentation
(1) The activity credit criteria must be met.		
(2) For full credit for flood response operations, the p	lan needs to:	
 (a)Describe the actions to be taken; (b)Identify the office or official responsible (c)Define the time needed to carry out the second of the contain other critical information that define order to perform their assigned responsibilities with no specifics about what 	activity, and; esignated agencies and ities. General statemen	nts or an assignment of
(3) Bonus credit is provided under FRO5 if there is a supplies, and other resources needed to complete what is available within the community and what jurisdictions. [See Attachment	each task. For full cred is needed from private	lit the list must identify suppliers or other
(4) FRO6 provides bonus credit for evacuee planning mitigation measures on community properties, an private properties. This should be coordinated wi under flood response preparations (FRP) under A encourages owners to take mitigation measures defined to the coordinate of the coord	d promoting flood loss th the public informati ctivity 330 (Outreach I aring repairs.	mitigation measures on on activities credited Projects), which
[See Attachment	pages]
(5) FRO7 provides bonus credits for identifying responsible that support property protection, such as providing vehicles, helping move building contents, and dis [See Attachment]	g a high-ground site fo tributing sandbags.	r relocated
Copies of the appropriate documents, for the cred response plan.	ited items that are not i	in the flood warning and
[See Attachment	pages]
Critical Facilities Planning (CFP) Credit Criteria	and Documentation	
(1) The activity credit criteria must be met.		
(2) CFP1 is a prerequisite for any CFP credit.		

County:

State:

(3) For CFP1, the community's flood warning and response plan must list the facilities considered critical in a flood. This can be in a separate document or SOP. In general, facilities not subject to flooding do not need to be addressed, although in some cases loss of access can cause a critical situation. There may also be facilities in flood-free sites that are needed to support the flood response effort (e.g., sandbag suppliers and shelters for evacuees). The list must be updated at least annually. The community must also contact the facilities to determine if they need any special warning arrangements. The community does not need to provide a special warning to all critical facilities, only those that need one.

Community:

Community:	County:	State:
The names and phone numbers of the affected by flooding. [See Attachme		
Arrangements for special warnings need advanced warning. [See Attack		
(4) For CFP2, credit (based on the perc plans) is provided if critical facilities response plans have been developed [See Attachment	es listed under CFP1 have their own d, reviewed, or accepted by the cor	n flood warning and mmunity.
At each verification visit, a list of all puneeded to be operational during a flueeds must be provided. [For CFP2 have developed their own flood was accepted by the community. The IS review. [See Attachment	lood, with the contact information a [] The list of critical facilities mark rning and response plans that have IO/CRS Specialist will ask for sam	and agreed-upon warning ed to identify those that been reviewed and ples of the plans for
StormReady Community (SRC):		
(1) The activity credit criteria must be a	met.	
(2) The community must be designated	as a StormReady community by the	he NWS.
For SRC credit, the community is not requ StormReady communities posted on the Na	•	is documented by the list of
TsunamiReady Community (TRC):		
(1) The activity credit criteria must be a	met.	
(2) The community must be designated	as a TsunamiReady community by	y the NWS.
(3) The community must meet the CRS CRS Credit for Mitigation of Tsunami I		ments identified in
Credit for Management of Tsunam	uirements for special flood hazards creations Hazards, sections 410TS and 430TS pages	S, and.
(4) The community must have adopted actions the community is to take upon it		that describes the
take after a tsunami warning.	eard operations plan or annex that add	
[See Attachment	pages	J
No documentation is required of comm	unities to demonstrate their Tsuna	miReady status.

Community	y :	County:	State:
Weather S	ervice website.	TsunamiReady communities pos	
Provide this	s checklist and the following for	each item checked:	
_		he file name and the appropriate pa	iges and section numbers, or
	ne URL for on-line documents v	vith the appropriate pages and secti	on numbers noted here, or
	paper copy of the documents w	ith the appropriate acronym marked	d in the margin.
		rehensive Emergency Management h the community is applying for A	
	the community is included in artisdictional flood warning progr	nother jurisdiction's plan (which imam), then:	plements a multi-
(a	a) A copy of a resolution or men responsibilities must be include	norandum of agreement that specifiled, or	es the community's
(t	program designee must be sub elements that are undertaken b	ont community's Emergency Managomitted which lists those flood warred by the applicant community and the diction on behalf of the applicant co	ning and response activity ose activities that are
	CRS Coordinator	Emergency Manage	er
Name			
Title			
Address			
Phone			
E-mail			
Form Comp	oleted By:	Date:	
Comments:			

Community:	County:	State:

Community :	County:	State:
Activity 620 (Levees) Docu	umentation Checklist	
Operations (LFO),	LFR), Levee Failure Warning (Ll and Levee Failure Critical Facili it Criteria and Documentation	
Credit criteria for this activity are de Coordinator's Manual. The communication Credit for LFR, LFW, LFO, and LC	unity must receive some LM 1 and 1	LM 2 credit and some
such as road and railroad emban	onstructed as a levee (see Section 12 akments that divert flood waters are alless it can be documented that they	20 (Glossary)). Structures not considered "levees"
by a licensed professional er recognition requirements; ar the inspection, maintenance, levee(s).	tatement signed by the owner of the ngineer that states that the levee(s) rand the community must provide doc, and emergency action plan criteria	meets all the NFIP levee cumentation that verifies a of the accredited
[See Attachment	pages	.J
	ne community requests credit (or quests described by a public agency. This could be artment of the community, or other	a federal or state agency,
and owned by a public agence engineering practices to con-	ested for credit, documentation that cy and was designed and constructe tain, control, or divert flood waters vel. [Also provide levee name(s) (e.g.	ed using sound in accordance with a
[See Attachment	pages]
	ere to be overtopped or fail and an i be flooded upon overtopping or fail	nventory of the buildings
if different.	ion level of the levee and the expect	
(b) A map of the levee(s) an	d the area(s) affected should the lev led levee breach maps or levee failu	vee(s) be overtopped or

Community:	County:	State:
would show the area below mapping can be found in S	w the expected overtopping elevar	tion. Guidance for this
		ages]
This list is needed for the	Il properties with insurable buildirequired outreach project and the	impact adjustment (bLF).
or by the overtopping of the		
[See Attachment	pa	ages]
(4) The community [or levee owner] inspections and an emergency act the credit criteria for LM1 and LM(5) The community must implement of businesses in the area(s) expected project(s) must tell people about the failure flood, the safety measures procedures and routes), and the best using one or more of the following	ion plan for the levee system(s), and 2. One or more outreach projects to be inundated by a flood that of their risk of flooding, how they we they should take during a flood (denefits of purchasing flood insura	o the residents and evertops a levee. The fill be warned of a levee e.g., evacuation
(a) Sending an outreach properties with insurable build levee, or	ject (e.g., a letter, brochure, or ne dings in the area(s) subject to a flo	ood that overtops the
credited Activity 330 (Outread	ate approach as part of a Program ch Projects). Tojects to the residents and busine	
will be inundated by a levee o [See Attachment	<u> </u>	•
(6) The community must obtain some elements (LFR, LFW, LFO, and I planning.		

Community :	County:	State:
warning and response plan community's governing body	and LCF credit, the community must h [or emergency action plan] that has been a control of the plan should be part of, and must and and response plan described in Section 1.	en adopted by the meet the same criteria as,
	must be marked to show where the cre	
Describe the levee failure	threat recognition procedures (LFR),	[pages]
Describe the levee failure	emergency warning procedures (LFW), [pages]
Describe the levee failure needs to	operations and actions (LFO). For full	credit for LFO, the plan
(a) Describe the action	ns to be taken;	[pages]
(b) Identify the office	or official responsible for the action;	[pages .]
	eded to carry out the activity; and,	
(d) Contain other critic	cal information that specified agencies	and organizations need
in order to perform the	eir assigned responsibilities.	[pages]
each year. This can be an executerion can be met if the pla levee failure. In either case, the recommended changes that mean devaluation of the plan's	ercise or drill of the levee failure warning recise for a flood, levee failure, dam failure is implemented in response to an actual nere must be an evaluation of the performance and is usually done in an actual levee flood warning and response performance and recommended changer monitoring levee conditions credited	lure, or hurricane. This ual flood or threat of a rmance of the plan and After-Action Report. plan exercise, to include ges. The exercise must
<u> </u>	eople credited under LFW.	
	pages	J
Levee Maintenance (LM) Cred	it Criteria and Additional Document	tation:
(1) The community must qualify qualify for any Activity 620 c	for some LM1 and LM2 credit to receiveredit.	ve any LM credit or to
(2) To qualify for I M1 gradit the	e levee system maintenance must:	
. , .	em's stability, height, and overall integrated	rity are maintained
•	ontrolled to ensure that they do not cor	-
integrity, hinder operation flood fighting activities. I	as and maintenance, and/or diminish the Maintenance programs must correct programs.	e ability to engage in
encroachments.		7
[See Attachment	pages	J

(b) Provide written operations and maintenan	-	
(1) Annual inspections of the condition of the		ure,
pump stations, closure devices, etc.); [pe	ages]	
(2) The maintenance activities to be perform (3) The frequency of their performance, and	ned; [pages]	
1 3 1	, 11 0	
(4) The person responsible for their perform [pages]	nance (by name or title).	
Copy of the community or levee owner write [See Attachment		
[See Attachment	pages	J
floodwalls, as well as pumps, interior draina transitions that provide for system integrity. Documentation that all levees to be cred year and are being maintained in accord LM1 plan.	lited have been inspected during the p	previous
[See Attachment	nages	7
(3) To qualify for LM2 credit, the [levee owner's] operations plan or manual that describes what n levee when a flood occurs.		
Copy of the levee owner emergency action [See Attachment		.1
It must include:		,
(a) A list of all actions that need to be taken at o	different flood levels, including:	
(1) Procedures to notify the local emergency [pages .]		
[pages] (2) All openings and closures that need to b	e closed and the location of the equip	oment
and materials to effect the closure, [page (3) Periodic patrols of the levee to detect profeses]	oblems such as erosion and seepage;	
(b) The person or office responsible for their pe	erformance (by name or title); [pages	
(c) [Requirements for] Annual inspections of all such as vehicles and stockpiled sandbags; as		

Community : _____ State: ____

Community :	County:	State:
implement the emergency actions the year, such as vehicles and of	ts of all closures, pumps, and other econ plan. Any equipment that is used drainage pumps, do not need testing to same document as the LM1 maintenation.	routinely throughout records for CRS
material needed for the LM	the most recent annual inspection of 1 2 emergency action plan. pages	
	executive orders (see Section 507). Or enot compliant with applicable feder	Credit is not provided
Historic Preservation Requirem	DEHP, Certification of Compliance whenens for Levee Maintenance. CC-62 ible for the levee maintenance programates of the CC-620EHP.]	0EHP must be signed
Levee Failure Threat Recognition sy Documentation:	ystem (LFR) Credit Criteria and A	dditional
(1) The threat recognition procedures related document.	must be in the levee failure warning a	and response plan or a
(2) To receive LFR credit, some credit	t points must be obtained under both	LFR1 and LFR2.
(3) For monitoring flood conditions ar	nd LFR1 credit:	
monitors conditions. This wou waters that may threaten the le FTR in Activity 610 (Flood W potential outlook or flood water)	owner must have a flood threat recog ld be a system that provides early not vee's integrity. The system must mee arning and Response). A National Web would also be sufficient.	tification of rising et the credit criteria of feather Service flood
that send a signal to the emergative. This system could use a systems, or it could rely on training.	or redundant or backup monitoring sy ency manager if water is rising on the utomated flood alarms or automated in ined spotters.	e landward side of the flood warning

Community :	County:	State:
credit, testing records ar	the flood monitoring must be tested at leaster not needed for equipment that is used rou	
year, such as radios and		
[See Attachment Copies of records showineeded for the system.	ing the most recent annual test of all equipr	<i>J</i> nent and material
[See Attachment	pages	
	unity and/or the levee owner must initiate the-defined flood conditions are present, and	he monitoring of levee
(a) The monitoring procedur	res must cover:	
(a) Levee patrol staf	ffing and assigned sections of the levee sys	tem;
[pages		
]
	are to look for in the different sections;	
[pages	J	7
	quency for reporting; and, [pages	
	inity's emergency managers are kept posted	a on the situation.
[pages	J	
(c) The procedures for mon	itoring levee conditions must be exercised	at least once each year
	pages	=
	puges	·J
	adjustment map showing the area(s) affecte w the numbers of buildings used in the calc	•
[See Attachment	pages	J
	7) Credit Criteria and Additional Docum	
related document.	st be included in the levee failure warning	
[See Attachment	pages]
much lead time between a sand businesses. For example the only approach used because	ople in a timely manner, especially because udden levee failure and the moment when the e, television or radio announcements are not ause the failure may occur during the night.	water reaches homes of credited if they are
<u> </u>		<i>,</i>
· ·	requiring specialized equipment, such as sined at least annually. Equipment that is used	

Community :	County:	State:
the year, such as television CRS credit.	notices and message boards, does not need	testing records for
system.	nost recent annual test of all equipment and a	
	FO) Credit Criteria and Additional Docu	
	operations actions must be in the levee failu ocument. [pages]	ire warning and
	s actions must be closely coordinated with t Section 622.a (LM2). [pages	
plan provides for the respon	nt and level of detail that the levee failure wanse operations. General statements or an as ecifics about what is done are not credited. F	signment of
(b) Identify the office o(c) Define the time need(d) Contain other critical	s to be taken; [pages] or official responsible for the action; [pages_ ded to carry out the activity; and, [pages al information that designated agencies and eir assigned responsibilities. [pages	organizations need in
other resources needed to c	there is a list of the personnel, equipment, factomplete each task in the levee failure warning tidentify what is available within the commers or other jurisdictions.	ing and response plan.
resources needed to con	of the personnel, equipment, facilities, supmplete each task in the levee failure warningpages	g and response plan.
Levee failure Critical Faciliti Documentation:	es planning (LCF) Credit Criteria and A	dditional
(1) LCF1 is a prerequisite for a	ıny LCF credit.	
considered critical in a leve	nunity's levee failure response plan must list ee failure emergency. The community must ed any special warning arrangements. The c	contact the facilities to

Commun	nity:	County:	State:
warn	to provide a special warning to all ing and response plan as needing on munity must include all critical faci	ne. There is no impact adjus	stment for LCF1. The
to	rovide a list of all public and private be operational during a levee failu Attachment	re flood.	
	rovide a list of the contact personne Attachment		
	rovide documentation of any special Attachment	_	-
	LCF2 credit, levee failure warning awed, or accepted by the community		- ·
ir	Copies or list of levee failure warning adividual critical facilities. See Attachment		
	CRS Coordinator	Emergency Manage	er
Name			
Title			
Address			
Phone			
E-mail			
Form Co	mpleted By:	Date	e:
Commen	uts:		

Community :	County:	State:

Community :	County:	State:
Activity 630 (Dams) Do	cumentation Checklist	
State Dan	n Safety Credit Criteria and Documer [If not previously requested]	ntation
` /	ne state dam safety office is provided to a the failure of a high-hazard-potential dat	
•	of the threat from failure of high-hazard-	-
community owns or regulate	state dam safety standards to receive crees the construction, operation, or mainters dam safety program must meet the state	nance of any dams, the
(3) If the state's SDS credit charverification visit or modification	nges, the community's credit for SDS wation.	ill be updated at the next
(DFO),	DFR), Dam Failure Warning (DFW), I and Dam Failure Critical Facilities (I Credit Criteria and Documentation	-
•	oly to all Activity 630 elements except S etail in Section 631.b of the <i>CRS Coordi</i>	
the failure of a high-hazard		•
[See Attachment	pages	
each high-hazard potential d	t a description of the dam failure threat, lam that affects the community. (The first m safety office. If not, the community is t.)	st three items should be
	the dam, including its distance upstrean	<u> </u>
	n map or evacuation map.	_pages]
locations and peak eleva	d data, including the arrival time of flood tions of the dam failure flood.	
[See Attachment		pages]

ommurر	nity :	County:	State:	
	The development exposed to dam facuildings; land use (residential, agri			
	See Attachment	, 1 1 , , , ,		
s c	The expected impacts of dam failure uch as police and utility services; a redited under Activity 510 or a CR See Attachment	and the potential for seconda S Community Self-Assessm	ry hazards. (Possiblent.)	ly
(DFI	community must obtain some credictions, DFW, DFO, and DCF) in order tonse plan.		_	
	eceive DFR, DFW, DFO, and DCF response plan that has been adopted			warning
-	plan or related document must be n :: [See Attachment			and
Ι	Describe the dam failure threat reco	gnition procedures (DFR),	[pages	J
Ι	Describe the dam failure emergency	warning procedures (DFW)), [pages]
	Describe the dam failure operations needs to:	and actions (DFO). For ful	l credit for DFO, th	e plan
	(a) Describe the actions to be tal	ken;	[pages]
	(b) Identify the office or official	responsible for the action;	[pages]
	(c) Define the time needed to ca(d) Contain other critical inform	rry out the activity; and,	[pages]
	order to perform their assigned i	responsibilities.	[pages	/
	eceive DFR, DFW, DFO, and DCF			
	each projects to the residents and bu		cted to be inundated	d by a
dam	failure. [Select] one or more of the	e following approaches.		
	Sending an outreach project ea	ch year to all residents and b	ousinesses in the con	mmunity.
[See Attachment		pages	J
	Sending an outreach project earlbject to dam failure flooding.	ch year to all residents and b	ousinesses in the are	ea(s)
	See Attachment		naoes	1
L				
	Developing an appropriate appredited under Activity 330.	roach as part of a Program fo	or Public Information	on
	See Attachment		naoes	7

Community :	County:	State:
dam failure warning and failure, dam failure, or hu	OFO, and DCF credit, there must be at least response plan each year. This can be an exarricane. (Criterion can be met if implement must be an evaluation of the performance of an after-action report.	xercise for a flood, levee ated by an actual flood or
emergency conducted have been included (I credited under DFW,	scription of the annual exercise, drill, or result the previous year. Dam failure threat record DFR). The exercise must include the process and operations and action under DFO.	ognition procedures must dures for warning people
Dam Failure Threat Recog Documentation:	nition System (DFR) Credit Criteria and	l Additional
(1) For DFR1 and DFR2:		
(a) The threat recognition related document. [p	n procedures must be in the dam failure wa	rning and response plan or a
	n system must be monitored by the operaton behalf of the emergency manager) 24 hou .]	
. ,	must be tested at least quarterly. Equipmen such as a telephone, does not need testing re	
Copy of records of th	e quarterly test of all equipment and matering pages	ials needed for the system.
(2) DFR1 credit is a prerequi	isite for DFR2 credit.	
(3) For DFR1 credit, the prin	mary dam failure threat recognition procedu	ures must include:
	termined conditions for when the operator of a potential or actual dam breach; and [p	
(b) At least quarterly con services officials. [pa	nmunication checks between the operator o	of the dam and emergency
(4) For DFR2 credit, the second available to the emergence	ondary dam failure threat recognition backtory manager. [pages]	up system must be directly

Community :	County:	State:
[DFR Documentation:]		
	how the numbers of buildings used in the	•
[See Attachment	pages	J
dam failure(s).	number of buildings that would be flooded pages	·
Dam Failure Warning (DFW)	Credit Criteria and Additional Docun	nentation:
(1) The warning procedures mu related document. [pages	st be included in the dam failure warning]	and response plan or a
time between a sudden dam businesses. For example, tel approach used because the f in coordination with the mes	pple in a timely manner, especially because failure and the point at which the water revision or radio announcements are not callure may occur during the night. The messages and projects credited under flood reach Projects). [pages]	reaches homes and credited if they are the only nessages should be drafted
be tested at least annually. E	requiring specialized equipment, the equip Equipment that is used routinely throughouge boards, do not need testing records for	out the year, such as
Copies of records showi for the system.	ng the most recent annual test of all equip	pment and material needed
[See Attachment	pages	J
Dam Failure Operations (DFC	D) Credit Criteria and Additional Docu	ımentation:
	actions must be included in the dam failur	
provides for the response op with no specifics about wha needs to: (a) Describe the actions to b (b) Identify the office or off (c) Define the time needed t (d) Contain other critical inf	t and level of detail the dam failure warniverations. General statements or an assign t is to be done are not credited. For full create taken, [pages] The taken, [pages] The control of the action, [pages] The control of the action, [pages] The control of the action of the action of the activity, and [pages]	iment of responsibilities redit for DFO, the plan

Community :	County:	State:
other resources needed to comp available within the community	re is a list of the personnel, equipment, elete each task. For full credit, the list is and what is needed from private support	must identify what is oliers or other jurisdictions.
Dam failure Critical Facilities pla Documentation:	anning (DCF) Credit Criteria and A	dditional
(1) DCF1 is a prerequisite for any	DCF credit.	
critical in a dam failure emerger they need special warning arran warning to all critical facilities, DCF1. The community must in	ry's dam failure response plan must list ncy. The community must contact the agements. The community does not net only those that need one. There is no clude all critical facilities affected by a sthat would be flooded or evacuated by	facilities to determine if red to provide a special impact adjustment for a dam failure on its list.
	pages	•
(3) For DCF2 credit, dam failure w or accepted by the community f	arning and response plans must have bor individual critical facilities.	been developed, reviewed,
. ,	te critical facilities affected by dam fa ilure flood, with the contact and warni	
be operational during a dam	nd private critical facilities affected by failure flood, with the contact and ware pages	arning needs information.
developed their own flood v	(a)) list of critical facilities marked to a warning and response plans that have b . The ISO/CRS Specialist will ask for	been reviewed and
plans that have been develo	of the critical facilities with dam failuped, reviewed, or accepted by the com	nmunity.
[See Attachment	pages	J

Community:		County:	State:
to be ope	erational during a dam failure	flood. This list n	es affected by dam failure or needed nust be updated at least annually.
[See Atto	achment	pages	.j
	CRS Coordinator		Emergency Manager
Name			
Title			
Address			
Phone			
E-mail			
Form Complete	d by:		Date
Comments:			