

December 2020

VIRGINIA CRS COMMUNITIES

CRS ACTIVITY SCORES



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Stiff, M.C., Wetlands Watch, 2020.

VA Community Rating System (CRS) Coordinators provided CRS activity scores to Wetlands Watch Director of Policy and Chair of the Coastal Virginia CRS Workgroup. Contact Mary-Carson Stiff, mc.stiff@wetlandswatch.org, for more information.

ACCOMACK COUNTY

Class 6: Effective May 1, 2018 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	30	116	26%
Map Information Service - Providing information through FIRMs, including additional information such as special flood related hazards & natural floodplain functions. Service publicized annually & records maintained	320	90	90	100%
Outreach Projects - Credit for VA Hurricane Guide, flood insurance/protection brochures, civic presentations, annual safety week booth, & letter to repetitive loss areas	330	146	350	42%
Hazard Disclosure - Final recorded subdivision plats are required to show SFHA	340	5	80	6%
Flood Protection Information - Information provided in public library & on the community's website	350	86	125	69%
Open Space Preservation - 73% of SFHA	420	1,232	2,020	61%
Higher Regulatory Standards - Freeboard, local drainage protection, building codes, BCEGS 4/4, state mandated standards, & regulations administration	430	140	2,042	7%
Flood Data Maintenance - Using digital maps	440	144	239	60%
Floodplain Management Planning - Eastern Shore of Virginia Hazard Mitigation Plan (2016)	510	181	622	29%
<i>CGA - County Growth Rate = 1.0</i>				
Total Credits	2054			

CITY OF ALEXANDRIA

Class 6: Effective October 1, 2013 (2007 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request, ECs in electronic format	310	71	162	44%
Map Information Service - Providing info on FIRMs	320	140	140	100%
Outreach Projects - Brochure mailing in SFHA & flood info video on locality website	330	121	380	32%
Hazard Disclosure - Community regulation requiring disclosure of flood hazards	340	5	81	6%
Flood Protection Information - Information in public library & on locality website	350	64	102	63%
Flood Protection Assistance - Technical advice & assistance to property owners	360	49	71	69%
Additional Flood Data - Flood studies for areas outside FIRM & cooperating technical partnership agreement with FEMA	410	69	1,346	5%
Open Space Preservation - 165 acres	420	253	900	28%
Higher Regulatory Standards - Freeboard, substantial improvement, protection of natural/beneficial functions, building codes, BCEGS 3/3, state mandated standards	430	289	2,740	11%
Flood Data Maintenance - Copies of FIRMs & FISs, Digital maps, establishing & maintaining system of benchmarks	440	181	239	76%
Stormwater Management Regulations - Stormwater management, freeboard in non-SFHA zones, erosion & sediment control standards, water quality regulations, & stormwater management master planning	450	94	670	14%
Floodplain Management Planning - Floodplain Plan & repetitive loss area analyses	510	200	359	56%
Drainage System Maintenance - No dumping in drainage system, drainage system inspected/maintained, & Capital Improvements Program	540	300	330	91%
Flood Warning Program - Timely identification of flood threats, warns floodplain residents, & coordinated flood response	610	125	255	49%
Dam Safety - All VA localities receive credit	630	55	175	31%

CGA - County Growth Rate = 1.09

Total Credits

2016

ARLINGTON COUNTY

Class 8: Effective October 1, 2013 (2007 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	56	162	35%
Map Information Service - Providing info on FIRMs	320	140	140	100%
Flood Protection Information - Information in library & on locality website	350	11	102	11%
Additional Flood Data - Requiring flood elevations & floodways at time of	410	25	1,346	2%
Open Space Preservation - 150 acres	420	308	900	34%
Higher Regulatory Standards - Freeboard, substantial improvement, protection of natural/beneficial functions, building codes, BCEGS 3/3, state mandated standards, regulations administration	430	246	2,740	9%
Flood Data Maintenance - Establishing & maintaining system of benchmarks	440	41	239	17%
Stormwater Management Regulations - Stormwater management, freeboard in non-SFHA zones, erosion & sediment control standards, water quality regulations, & stormwater management master planning	450	273	670	41%
Drainage System Maintenance - No dumping in drainage system	540	15	330	5%
Dam Safety - All VA localities receive credit	630	55	175	31%
<i>CGA - County Growth Rate = 1.09</i>				
Total Credits	1170			

TOWN OF ASHLAND

Class 9: Effective October 1, 2016 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Map Information Service - Providing FIRM info to inquirers; service publicized annually & records maintained	320	30	90	33%
Outreach Projects - Brochures at locations around town	330	29	350	8%
Hazard Disclosure - Real estate agents provide a brochure advising prospective buyers about insurance & checking property flood hazards	340	8	80	10%
Open Space Preservation - 21% of SFHA	420	314	2,020	16%
Higher Regulatory Standards - Freeboard, cumulative substantial improvement, and local drainage protection, building codes, & state mandated regulatory standards	430	124	2,042	6%
Flood Data Maintenance - Digital maps used by town staff	440	107	222	48%
Stormwater Management Regulations - soil & erosion control regulations	450	10	755	1%
<i>CGA - County Growth Rate = 1.03</i>				
Total Credits	660			

TOWN OF BRIDGEWATER

Class 8: Effective October 1, 2015 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Outreach Projects	330	40	350	11%
Flood Protection Information - Information in public library	350	11	125	9%
Open Space Preservation - 19% of SFHA	420	319	2,020	16%
Higher Regulatory Standards - Drainage protection, building codes, BCEGS 4/4, & state mandated standards	430	89	2,042	4%
Flood Data Maintenance - Digital maps, copies of all FIRMs & Flood Hazard Boundary Maps	440	151	222	68%
Stormwater Management Regulations - Stormwater management, soil & erosion control, & water quality regulations	450	107	755	14%
Floodplain Management Planning - Central Shenandoah Valley All Hazards Mitigation Plan (2014)	510	108	622	17%
Acquisition & Relocation - 8 building removed from SFHA	520	171	2250	8%
Dams - State Dam Safety Program	630	37	160	23%
<i>CGA - County Growth Rate = 1.10</i>				
Total Credits	1071			

TOWN OF CAPE CHARLES

Class 9: Effective May 1, 2010 (2007 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	56	162	35%
Map Information Service - Providing information through FIRMs	320	140	140	100%
Outreach Projects - Newsletter mailed to all properties in the community annually, email newsletter to business & property owners	330	90	380	24%
Flood Protection Information - Information provided in public library	350	13	102	13%
Open Space Preservation - 34 acres	420	63	900	7%
Higher Regulatory Standards - Freeboard, protection of natural/beneficial functions, building codes, BCEGS 4/4, state mandated standards, staff CFM	430	255	2,740	9%
Flood Data Maintenance - Using digital maps & copies of all FIRMs	440	118	239	49%
Stormwater Management Regulations - Requires positive drainage from building site, soil & erosion control	450	57	670	9%
Flood Protection - Elevated buildings	530	25	2,800	1%
Drainage System Maintenance - No dumping in drainage system	540	30	330	9%
Dam Safety - All VA localities receive credit	630	55	175	31%
<i>CGA - County Growth Rate = 1.03</i>				
Total Credits	902			

CITY OF CHESAPEAKE

Class 7: Effective October 1, 2020 (2017 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	20	116	17%
Outreach Projects - Outreach projects & pre-flood plan for outreach	330	63	350	18%
Flood Protection Information - Information available in public library & posted on locality's website	350	40	125	32%
Open Space Preservation - 34% of SFHA	420	520	2,870	18%
Higher Regulatory Standards - Development limitations, freeboard, protecting critical facilities, local drainage protection, building codes, BCEGS rating 3/3, state mandated standards, & other regulations.	430	377	2,042	18%
Flood Data Maintenance - Using/maintaining digital maps & keeping old copies of FIRMs & FIS	440	146	222	66%
Stormwater Management Regulations - Stormwater management, soil & erosion control, & watershed master planning	450	146	755	19%
Floodplain Management Plan - 2017 Hampton Roads Hazard Mitigation Plan	510	300	622	48%
Acquisition & Relocation - 23 buildings removed from SFHA	520	80	2,250	4%
<i>CGA - County Growth Rate = 1.05</i>				
Total Credits	1692			

TOWN OF CHINCOTEAGUE

Class 8: Effective May 1, 2010 (2007 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	56	162	35%
Map Information Service - Providing info on FIRMs	320	140	140	100%
Outreach Projects - Mailing to all residents in town, pamphlets in community offices	330	130	380	34%
Hazard Disclosure - Real estate agents provide a brochure to prospective buyers about insurance & property hazards	340	10	81	12%
Flood Protection Assistance - Providing names of contractors & consultants	360	7	71	10%
Open Space Preservation - 5 acres, deed restricted land	420	49	900	5%
Higher Regulatory Standards - Low density zoning, building codes, BCEGS 4/4, state mandated standards, staff education in floodplain management	430	194	2,740	7%
Flood Data Maintenance - Maintaining & using digital maps	440	100	239	42%
Stormwater Management Regulations - Soil & erosion control regulations	450	39	670	6%
Flood Protection - Elevated, flood proofed, or modified buildings	530	34	2,800	1%
Drainage System Maintenance - No dumping in drainage system regulation, yearly inspection & maintenance with record keeping	540	275	330	83%
Dam Safety - All VA localities receive credit	630	55	175	31%
<i>CGA - County Growth Rate = 1.09</i>				
Total Credits	1089			

FAIRFAX COUNTY

Class 6: Effective October 1, 2014 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Map Information Service - Providing FIRM info to inquirers, including flood depth, historical flood info, & natural floodplain functions	320	90	90	100%
Outreach Projects	330	105	350	30%
Hazard Disclosure - Local regulations require disclosure of flood hazards	340	5	80	6%
Flood Protection Information - Information in public library & locality website	350	62	125	50%
Floodplain Mapping - Studies for areas outside FIRMS & cooperating technical partnership agreement with FEMA	410	76	802	9%
Open Space Preservation - 63% of SFHA	420	1064	2,020	53%
Higher Regulatory Standards - Development limitations, local drainage protection, freeboard, elevation of new & replacement homes in existing manufactured home parks, building codes, BCEGS 3/2, state mandated standards, regulations admin.	430	206	2,042	10%
Flood Data Maintenance - Digital maps, establishing/maintaining benchmarks, copies of all FIRMs & FISs	440	222	222	100%
Stormwater Management Regulations - Stormwater management, low impact development, soil & erosion control, & water quality regulations	450	72	755	10%
Floodplain Management Planning - Northern VA Hazard Mitigation Plan (2012) & Natural Floodplains Functions Plans	510	172	622	28%
Acquisition & Relocation - 1 building removed from SFHA	520	6	2250	< 1%
Drainage System Maintenance - Inspected/maintained yearly, problem sites identified/inspected, Capital Improvements Program, prohibits dumping	540	43	570	8%
Flood Warning & Response - Timely identification of flood threats, warnings to residents, flood response activities, and Storm Ready Community designation	610	225	395	57%
Dams - State Dam Safety Program	630	37	160	23%
<i>CGA - County Growth Rate = 1.10</i>				
Total Credits	2423			

CITY OF FALLS CHURCH

Class 6: Effective October 1, 2016 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Map Information Service - Providing FIRM info to inquirers & additional FIRM info (info about problems not shown on the FIRM & natural floodplain functions); service publicized annually & records maintained	320	90	90	100%
Outreach Projects - Brochures, blog articles, no dumping signs, & direct mailing	330	200	350	57%
Flood Protection Information - Information in public library & on locality website	350	37	125	30%
Flood Protection Assistance - Offer one-on-one advice on property protection	360	25	110	23%
Open Space Preservation - 44% of SFHA	420	789	2,020	39%
Higher Regulatory Standards - Development limitations, freeboard, local drainage protection, building codes, BCEGS 3/2, state mandated standards, & regulations administration	430	243	2,042	12%
Flood Data Maintenance - Digital maps & copies of all FIRMs & FISs	440	170	222	77%
Stormwater Management Regulations - Stormwater management, & water quality	450	131	755	17%
Floodplain Management Planning - Northern VA Regional Hazard Mitigation Plan (2012)	510	172	622	28%
Drainage System Maintenance - Entire drainage system inspected regularly & maintenance performed as needed; listing problem sites inspected more often; implementing ongoing Capital Improvements Program; regulation prohibiting dumping	540	295	570	52%
<i>CGA - County Growth Rate = 1.15</i>				
Total Credits	2190			

GLOUCESTER COUNTY

Class 6: Effective October 1, 2016 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	34	116	29%
Map Information Service - Providing FIRM info to inquirers & additional FIRM info; service publicized annually & records maintained	320	90	90	100%
Outreach Projects - Comprehensive mailings, signs, newsletters, etc. Pre-flood plan for public information. Program for Public Information (PPI) is credit multiplier	330	287	350	82%
Hazard Disclosure - Local regulations require disclosure of flood hazards	340	5	80	6%
Flood Protection Information - Information in public library & on County website	350	79	125	63%
Flood Protection Assistance - Advice & site visits for property protection	360	55	110	50%
Flood Insurance Promotion	370	30	110	27%
Open Space Preservation - Regulations/incentives minimizing development	420	158	2,020	8%
Higher Regulatory Standards - Freeboard, foundation protection, critical facilities protection, local drainage protection, & V zone building standards in Coastal A zone, building codes, BCEGS 3/2, state mandated standards, & regulations admin.	430	411	2,042	20%
Flood Data Maintenance - Digital maps & copies of all FIRMs & FISs	440	122	222	55%
Stormwater Management Regulations - Stormwater management, low impact development, soil & erosion control, water quality, & watershed master planning	450	119	755	16%
Floodplain Management Planning - Coastal Floodplain Management Plan (2014)	510	225	622	36%
Acquisition & Relocation - 24 acquired buildings in SFHA	520	81	2,250	4%
Flood Protection - 47 elevated buildings in SFHA	530	132	1,600	8%
Flood Warning & Response - Emergency management planning & Storm Ready Community	610	219	395	55%
Dams - State Dam Safety Program, dam maintenance, threat warning, critical facilities planning, & publicizing program annually & record maintainence	630	37	160	23%
<i>CGA - County Growth Rate = 1.03</i>				
Total Credits	2084			

CITY OF HAMPTON

Class 7: Effective May 1, 2019 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Outreach Projects - Handouts at public buildings, presentations to the community with brochures provided, & repetitive loss mailing	330	200	350	57%
Flood Protection Information - Information in public library & on locality website	350	74	125	59%
Open Space Preservation - 30% of SHFA	420	489	2,020	24%
Higher Regulatory Standards - Freeboard, local drainage protection, enforcement of building codes, state mandated standards, regulations administration, & BCEGS Classification of 2/2	430	413	2,042	20%
Flood Data Maintenance - Using digital maps in floodplain management & establishing/maintaining a system of benchmarks	440	145	222	65%
Stormwater Management Regulations - Regulations for soil & erosion control & water quality	450	32	755	4%
Floodplain Management Planning - Credit for the 2017 Hampton Roads Hazard Mitigation Plan	510	300	622	48%
<i>CGA - County Growth Rate = 1.05</i>				
Total Credits		1691		

JAMES CITY COUNTY

Class 5: Effective October 1, 2020 (2017 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request, & ECs kept for Post-FIRM buildings	310	31	116	27%
Map Information Service - Providing FIRM info to inquirers, additional FIRM info, & historical flood info; service publicized annually & records maintained	320	70	90	78%
Outreach Projects - Outreach projects & pre-flood outreach plan	330	145	350	41%
Hazard Disclosure - Regulations requiring SFHA location on subdivision plat	340	5	80	6%
Flood Protection Information - Information in libraries & on county website	350	69	125	55%
Flood Protection Assistance - Technical advice & assistance to interested property owners & annually publicizes the service; staff FEMA training	360	69	110	63%
Floodplain Mapping - Credit is provided for conducting & adopting flood studies that exceed minimum mapping standards	410	30	850	4%
Open Space Preservation - 85% of SFHA & open space incentives	420	1457	2,870	51%
Higher Regulatory Standards - Freeboard, V zone standards in coastal A, building codes, state mandated standards, development limitations, local drainage protection, & BCEGS Classification of 2/2	430	609	2,042	30%
Flood Data Maintenance - Using digital maps & maintaining benchmarks	440	135	222	61%
Stormwater Management Regulations - Stormwater management, soil & erosion control, & water quality	450	105	755	14%
Floodplain Management Planning - 2017 Hampton Roads Hazard Mitigation Plan	510	300	622	48%
Flood Protection - Elevation of 9 buildings	530	31	1,600	2%
Drainage System Maintenance - Portion of the drainage system regularly inspected & maintained	540	16	470	3%
Flood Warning Program - Identification of flood threats, warnings to residents, coordinated flood response activities, & StormReady community designation	610	210	395	53%
<i>CGA - County Growth Rate = 1.14</i>				
Total Credits	3282			

CITY OF NORFOLK

Class 7: Effective May 1, 2018 (2017 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Outreach Projects - Mailings to SFHA & real estate agents, presentations to community, & info on municipal TV channel	330	200	350	57%
Hazard Disclosure - Local regulations require disclosure of flood hazards	340	5	80	6%
Flood Protection Information - Information in public library	350	20	125	16%
Open Space Preservation - 8% of SFHA	420	124	2,870	4%
Higher Regulatory Standards - Freeboard, enclosure limits, V zone building code standards in coastal A Zone, building codes, BCEGS 2/2, state mandated standards, local drainage protection, & regulations administration	430	861	2,042	42%
Flood Data Maintenance - Digital maps & copies of all FIRMs & FISs	440	172	222	77%
Stormwater Management Regulations - Water quality regulations	450	21	755	3%
Floodplain Management Planning - 2017 Hampton Roads Hazard Mitigation Plan	510	300	622	48%
<i>CGA - County Growth Rate = 1.07</i>				
Total Credits		1741		

CITY OF POQUOSON

Class 8: Effective October 1, 2013 (2007 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	45	162	28%
Map Information Service - Providing info to inquirers from FIRMs	320	140	140	100%
Outreach Projects - Annual mailing in & out of SFHA with brochure, flood info available across City	330	42	380	11%
Flood Protection Information - Information in library & on locality website	350	30	102	29%
Open Space Preservation - 5 acres	420	38	900	4%
Higher Regulatory Standards - Freeboard, protection of natural/beneficial functions, building codes, state mandated standards, staff education	430	204	2,740	7%
Flood Data Maintenance - Digital maps, copy of flood hazard boundary map	440	83	239	35%
Stormwater Management Regulations - Regulations for positive drainage away from building site, soil & erosion control, & water quality	450	84	670	13%
Floodplain Management Planning - Floodplain Management Plan	510	218	359	61%
Flood Protection - Elevated, flood proofed, or modified buildings	530	84	2,800	3%
Dam Safety - All VA localities received credit	630	55	175	31%
<i>CGA - County Growth Rate = 1.05</i>				
Total Credits	1023			

CITY OF PORTSMOUTH

Class 7: Effective May 1, 2017 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	35	116	30%
Map Information Service - MI1 Providing FIRM info to inquirers, MI2 Floodway, & MI7 Natural Floodplain Functions	320	90	90	100%
Outreach Projects	330	169	350	48%
Hazard Disclosure - Local regulations require disclosure of flood hazards	340	5	80	6%
Flood Protection Information - Information in public library & locality website	350	60	125	48%
Open Space Preservation - 10% of SFHA	420	145	2,020	7%
Higher Regulatory Standards - Development limitations (prohibit buildings + storage), Cumulative substantial improvement, local drainage protection, Freeboard, V Zone construction requirements in the Coastal A Zone, building codes, BCEGS 4/4, state mandated standards, regulations administration	430	697	2,042	34%
Flood Data Maintenance - Online FIRMs	440	138	222	62%
Stormwater Management Regulations - Stormwater management, water quality regulations, erosion & sediment control regulations	450	116	755	15%
Floodplain Management Planning - Floodplain Management Plan (2015) *credit is for FMP only	510	255	352	72%
<i>CGA - County Growth Rate = 1.00</i>				
Total Credits	1710			

PRINCE WILLIAM COUNTY

Class 7: Effective October 1, 2019 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings & copies of ECs available upon request	310	108	116	93%
Map Information Service - Providing FIRM info to inquirers, additional info on FIRM: flood depth & historical flood info. Service publicized & records maintained.	320	90	90	100%
Outreach Projects - Providing flood information to waterfront properties, sending repetitive loss letter, & providing FEMA brochures to the public	330	47	350	13%
Hazard Disclosure - Community regulations that require disclosure of flood hazards	340	5	80	6%
Flood Protection Information - Information in public library & locality website	350	14	125	11%
Open Space Preservation - 49% of SFHA	420	796	2,020	39%
Higher Regulatory Standards - Development limitations, cumulative substantial improvement, foundation protection, freeboard, building codes, BCEGS 4/3, state mandated standards, regulations administration	430	437	2,042	21%
Flood Data Maintenance - Digital maps, maintaining benchmarks, copies of all FIRMs & FISs.	440	133	222	60%
Stormwater Management Regulations - Stormwater management, soil & erosion control, & water quality regulations	450	118	755	16%
Floodplain Management Planning - NOVA Hazard Mitigation Plan (2017)	510	50	352	14%
Dams - State Dam Safety Program	630	37	160	23%
<i>CGA - County Growth Rate = 1.12</i>				
Total Credits	1835			

CITY OF RICHMOND

Class 8: Effective October 1, 2015 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Map Information Service - Providing information about FIRM, historical flood information, & natural floodplain functions; service publicized annually & records maintained	320	90	90	100%
Outreach Projects	330	24	350	7%
Hazard Disclosure - Local regulations require disclosure of flood hazards	340	5	80	6%
Flood Protection Information - Information in public library	350	10	125	8%
Open Space Preservation - 30% of SFHA	420	470	2,020	23%
Higher Regulatory Standards - Freeboard, local drainage protection, building codes, BCEGS 3/3, state mandated standards, regulations administration	430	132	2,042	6%
Flood Data Maintenance - Digital use of FIRMs in locality floodplain management	440	143	222	64%
Floodplain Management Planning - Richmond-Crater Multi-Regional Hazard Mitigation Plan	510	185	352	53%
Dams - Credit for State Dam Safety Program	630	37	160	23%
<i>CGA - County Growth Rate = 1.08</i>				
Total Credits	1134			

CITY OF ROANOKE

Class X: Effective X (X Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates -	310		116	0%
Map Information Service -	320		90	0%
Outreach Projects -	330		350	0%
Hazard Disclosure -	340		80	0%
Flood Protection Information -	350		125	0%
Flood Protection Assistance -	360		110	0%
Flood Insurance Promotion	370		110	0%
Open Space Preservation -	420		2,020	0%
Higher Regulatory Standards -	430		2,042	0%
Flood Data Maintenance -	440		222	0%
Stormwater Management Regulations -	450		755	0%
Floodplain Management Planning -	510		622	0%
Acquisition & Relocation -	520		2,250	0%
Flood Protection -	530		1,600	0%
Flood Warning & Response -	610		395	0%
Dams -	630		160	0%
<i>CGA - County Growth Rate = X</i>				
Total Credits			0	

ROANOKE COUNTY

Class 8: Effective October 1, 2016 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Map Information Service - Providing FIRM info to inquirers & additional FIRM info such as historical flood info; service publicized annually & records maintained	320	90	90	100%
Outreach Projects - Brochures at County offices & letters to residents in SFHA & repetitive loss areas	330	65	350	19%
Flood Protection Information - Information in public library & on County website	350	35	125	28%
Open Space Preservation - 5% of SFHA	420	76	2,020	4%
Higher Regulatory Standards - Freeboard, lower substantial improvement, local drainage protection, enforcement of building codes, BCEGS 4/3, state mandated standards, & regulations administration	430	282	2,042	14%
Flood Data Maintenance - Digital maps & copies of all FIRMs & FISs	440	148	222	67%
Stormwater Management Regulations - Soil & erosion control	450	31	755	4%
Floodplain Management Planning - Roanoke Valley-Alleghany Regional Commission Pre-Disaster Mitigation Plan (2013)	510	178	622	29%
Acquisition & Relocation - 34 acquired buildings in SFHA	520	114	2,250	5%
Dams - State Dam Safety Program	630	37	160	23%
<i>CGA - County Growth Rate = 1.04</i>				
Total Credits	1094			

STAFFORD COUNTY

Class 7: Effective October 1, 2017 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Map Information Service - Providing FIRM info to inquirers & additional FIRM info	320	50	90	56%
Outreach Projects	330	24	350	7%
Hazard Disclosure - Local regulations require disclosure of flood hazards	340	5	80	6%
Flood Protection Information - Information in public library	350	10	125	8%
Open Space Preservation - 68% of SFHA	420	1065	2,020	53%
Higher Regulatory Standards - Freeboard, building codes, BCEGS 4/4, state mandated standards, regulations administration	430	203	2,042	10%
Flood Data Maintenance - Digital maps & copies of all FIRMs & FISs	440	97	222	44%
Stormwater Management Regulations - stormwater management & soil & erosion control	450	53	755	7%
Floodplain Management Planning - GWRC Hazard Mitigation Plan (2012)	510	50	622	8%
Dams - State Dam Safety Program	630	45	160	28%
<i>CGA - County Growth Rate = 1.08</i>				
Total Credits	1640			

TOWN OF VIENNA

Class 8: Effective October 1, 2017 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Map Information Service - Providing FIRM info to inquirers; service publicized & records maintained	320	30	90	33%
Flood Protection Information - Information in public library & locality website	350	16	125	13%
Open Space Preservation - 38% of SFHA	420	573	2,020	28%
Higher Regulatory Standards - Freeboard, local drainage protection, building codes, BCEGS 3/2, state mandated standards, & regulations administration	430	156	2,042	8%
Flood Data Maintenance - Digital maps, establishing/maintaining benchmarks, & copies of all FIRMs	440	45	222	20%
Stormwater Management Regulations - Soil & erosion control & water quality regulations	450	52	755	7%
Drainage System Maintenance - Portion of system inspected/maintained yearly & problem sites identified/inspected more frequently	540	243	570	43%
<i>CGA - County Growth Rate = 1.04</i>				
Total Credits			1153	

TOWN OF VINTON

Class 8: Effective October 1, 2016 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Map Information Service - Providing FIRM info to inquirers & additional FIRM info: flood depth, historical flood information, & natural floodplain functions; service publicized annually & records maintained	320	90	90	100%
Outreach Projects - brochures, town-wide mailing, phonebook info, & road signs	330	48	350	14%
Open Space Preservation - 15% of SFHA	420	231	2,020	11%
Higher Regulatory Standards - Freeboard, local drainage protection, building codes, & state mandated standards	430	148	2,042	7%
Flood Data Maintenance - Digital maps & copies of all FIRMs & FISs	440	127	222	57%
Stormwater Management Regulations - soil & erosion control	450	32	755	4%
Acquisition & Relocation - 17 acquired buildings in SFHA	520	51	2,250	2%
Drainage System Maintenance - Portion of system inspected regularly & maintenance performed; implementing an ongoing Capital Improvements Program	540	207	570	36%
Dams - State Dam Safety Program	630	37	160	23%
<i>CGA - County Growth Rate = 1.06</i>				
Total Credits	1009			

TOWN OF WACHAPREAGUE

Class 8: Effective May 1, 2017 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Map Information Service - Providing FIRM info to inquirers, additional FIRM info: flood depth data & natural floodplain functions. Service publicized annually & records maintained	320	90	90	100%
Outreach Projects - Brochures, high water mark signs, repetitive loss area mailing	330	94	350	27%
Open Space Preservation - 26% of SFHA	420	377	2,020	19%
Higher Regulatory Standards - Freeboard, building codes, BCEGS score of 4/4, state mandated standards, regulations administration	430	283	2,042	14%
Flood Data Maintenance - Digital GIS used by locality & maintaining copies of FIRMs & FIS Reports	440	134	222	60%
<i>CGA - County Growth Rate = 1.00</i>				
Total Credits	1016			

YORK COUNTY

Class 7: Effective May 1, 2017 (2013 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	35	116	30%
Outreach Projects	330	177	350	51%
Hazard Disclosure - Local regulations require disclosure of flood hazards	340	5	80	6%
Flood Protection Information - Information in library & on locality website	350	24	125	19%
Floodplain Mapping - Studies for areas outside FIRMS	410	11	802	1%
Open Space Preservation - 15% of SFHA	420	301	2,020	15%
Higher Regulatory Standards - Freeboard, foundation protection, building codes, BCEGS, local drainage protection, state mandated standards, regulations administration	430	462	2,042	23%
Flood Data Maintenance - FIRM online GIS	440	155	222	70%
Stormwater Management Regulations - Stormwater, Erosion & sediment control standards, & water quality regulations	450	119	755	16%
Floodplain Management Planning - Peninsula Hazard Mitigation Plan (2011)	510	152	622	24%
Drainage System Maintenance - Debris removal, no dumping regulation, & problem site maintenance	540	228	570	40%
<i>CGA - County Growth Rate = 1.06</i>				
Total Credits	1669			

CITY OF VIRGINIA BEACH

Class 7: Effective May 1, 2019 (2017 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
Elevation Certificates - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
Outreach Projects - General outreach project, flood information on the website, & repetitive loss outreach	330	42	350	12%
Hazard Disclosure - Local regulation requiring disclosure of flood hazards	340	5	80	6%
Open Space Preservation - 41% of SFHA & regulations/incentives that minimize development in the SFHA	420	673	2,870	23%
Higher Regulatory Standards - Freeboard, development limitations, local drainage protection, elevation of new & replacement homes in existing manufactured home parks, building codes, state mandated standards, & regulations admin.	430	295	2,462	12%
Flood Data Maintenance - Digital maps & maintaining a system of benchmarks	440	151	222	68%
Stormwater Management Regulations - Soil & erosion control & water quality regulations	450	30	755	4%
Floodplain Management Planning - Credit for the 2017 Hampton Roads Hazard Mitigation Plan	510	300	622	48%
<i>CGA - County Growth Rate = 1.0</i>				
Total Credits	1534			