

November 2017

# VIRGINIA CRS COMMUNITIES

## CRS ACTIVITY SCORES



WETLANDS  
WATCH

WWW.WETLANDSWATCH.ORG

**ADAPTVA**

Data collection for [www.adaptva.org](http://www.adaptva.org)

Cite: "Virginia CRS Communities Activity Scores,"  
Stiff, M.C., Wetlands Watch, 2017.

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](mailto:mc.stiff@wetlandswatch.org), for more information.

## ACCOMACK COUNTY

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

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	50	162	31%
<b>Map Information Service</b> - Providing information through FIRMs	320	140	140	100%
<b>Outreach Projects</b>	330	20	380	5%
<b>Hazard Disclosure</b> - Final recorded subdivision plats are required to show SFHA	340	5	81	6%
<b>Flood Protection Information</b> - Information provided in public library	350	19	102	19%
<b>Open Space Preservation</b> - 108,010 acres	420	567	900	63%
<b>Higher Regulatory Standards</b> - Freeboard, low density zoning, protection of natural/beneficial functions, building codes, BCEGS 4/4, state mandated standards	430	223	2,740	8%
<b>Flood Data Maintenance</b> - Using digital maps	440	136	239	57%
<b>Stormwater Management Regulations</b> - Requires positive drainage from building site, soil & erosion control	450	62	670	9%
<b>Dam Safety</b> - All VA localities receive credit	630	55	175	31%
<i>CGA - County Growth Rate = 1.12</i>				
<b>Total Credits</b>	<b>1277</b>			



## ALEXANDRIA COUNTY

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)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request, ECs in electronic format	310	71	162	44%
<b>Map Information Service</b> - Providing info on FIRMs	320	140	140	100%
<b>Outreach Projects</b> - Brochure mailing in SFHA & flood info video on locality website	330	121	380	32%
<b>Hazard Disclosure</b> - Community regulation requiring disclosure of flood hazards	340	5	81	6%
<b>Flood Protection Information</b> - Information in public library & on locality website	350	64	102	63%
<b>Flood Protection Assistance</b> - Technical advice & assistance to property owners	360	49	71	69%
<b>Additional Flood Data</b> - Flood studies for areas outside FIRM & cooperating technical partnership agreement with FEMA	410	69	1,346	5%
<b>Open Space Preservation</b> - 165 acres	420	253	900	28%
<b>Higher Regulatory Standards</b> - Freeboard, substantial improvement, protection of natural/beneficial functions, building codes, BCEGS 3/3, state mandated standards	430	289	2,740	11%
<b>Flood Data Maintenance</b> - Copies of FIRMs & FISs, Digital maps, establishing & maintaining system of benchmarks	440	181	239	76%
<b>Stormwater Management Regulations</b> - Stormwater management, freeboard in non-SFHA zones, erosion & sediment control standards, water quality regulations, & stormwater management master planning	450	94	670	14%
<b>Floodplain Management Planning</b> - Floodplain Plan & repetitive loss area analyses	510	200	359	56%
<b>Drainage System Maintenance</b> - No dumping in drainage system, drainage system inspected/maintained, & Capital Improvements Program	540	300	330	91%
<b>Flood Warning Program</b> - Timely identification of flood threats, warns floodplain residents, & coordinated flood response	610	125	255	49%
<b>Dam Safety</b> - All VA localities receive credit	630	55	175	31%
<i>CGA - County Growth Rate = 1.09</i>				
<b>Total Credits</b>		<b>2016</b>		



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



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



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



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



## CITY OF CHESAPEAKE

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

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
<b>Map Information Service</b> - Provide info on FIRMS; service publicized annually & records are maintained	320	30	90	33%
<b>Outreach Projects</b>	330	64	350	18%
<b>Flood Protection Information</b> - Information available in public library & posted on locality's website	350	50	125	40%
<b>Open Space Preservation</b> - 7% of SFHA	420	108	2,020	5%
<b>Higher Regulatory Standards</b> - Development limitations, freeboard, protecting critical facilities, local drainage protection, building codes, state mandated standards, & other regulations.	430	408	2,042	20%
<b>Flood Data Maintenance</b> - Using/maintaining digital maps & benchmarks	440	122	222	55%
<b>Stormwater Management Regulations</b> - Stormwater management & soil & erosion control	450	111	755	15%
<b>Floodplain Management Plan</b> - Chesapeake Hazard Mitigation Plan	510	204	622	33%
<b>Acquisition &amp; Relocation</b> - 10 buildings removed from SFHA	520	69	2,250	3%
<i>CGA - County Growth Rate = 1.06</i>				
<b>Total Credits</b>	<b>1204</b>			





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



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



## 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)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
<b>Map Information Service</b> - 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%
<b>Outreach Projects</b> - Brochures, blog articles, no dumping signs, & direct mailing	330	200	350	57%
<b>Flood Protection Information</b> - Information in public library & on locality website	350	37	125	30%
<b>Flood Protection Assistance</b> - Offer one-on-one advice on property protection	360	25	110	23%
<b>Open Space Preservation</b> - 44% of SFHA	420	789	2,020	39%
<b>Higher Regulatory Standards</b> - Development limitations, freeboard, local drainage protection, building codes, BCEGS 3/2, state mandated standards, & regulations administration	430	243	2,042	12%
<b>Flood Data Maintenance</b> - Digital maps & copies of all FIRMs & FISs	440	170	222	77%
<b>Stormwater Management Regulations</b> - Stormwater management, & water quality	450	131	755	17%
<b>Floodplain Management Planning</b> - Northern VA Regional Hazard Mitigation Plan (2012)	510	172	622	28%
<b>Drainage System Maintenance</b> - 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>				
<b>Total Credits</b>	<b>2190</b>			



## 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)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	34	116	29%
<b>Map Information Service</b> - Providing FIRM info to inquirers & additional FIRM info; service publicized annually & records maintained	320	90	90	100%
<b>Outreach Projects</b> - Comprehensive mailings, signs, newsletters, etc. Pre-flood plan for public information. Program for Public Information (PPI) is credit multiplier	330	287	350	82%
<b>Hazard Disclosure</b> - Local regulations require disclosure of flood hazards	340	5	80	6%
<b>Flood Protection Information</b> - Information in public library & on County website	350	79	125	63%
<b>Flood Protection Assistance</b> - Advice & site visits for property protection	360	55	110	50%
<b>Flood Insurance Promotion</b>	370	30	110	27%
<b>Open Space Preservation</b> - Regulations/incentives minimizing development	420	158	2,020	8%
<b>Higher Regulatory Standards</b> - 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%
<b>Flood Data Maintenance</b> - Digital maps & copies of all FIRMs & FISs	440	122	222	55%
<b>Stormwater Management Regulations</b> - Stormwater management, low impact development, soil & erosion control, water quality, & watershed master planning	450	119	755	16%
<b>Floodplain Management Planning</b> - Coastal Floodplain Management Plan (2014)	510	225	622	36%
<b>Acquisition &amp; Relocation</b> - 24 acquired buildings in SFHA	520	81	2,250	4%
<b>Flood Protection</b> - 47 elevated buildings in SFHA	530	132	1,600	8%
<b>Flood Warning &amp; Response</b> - Emergency management planning & Storm Ready Community	610	219	395	55%
<b>Dams</b> - 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>				
<b>Total Credits</b>	<b>2084</b>			



## CITY OF HAMPTON

Class 8: Effective May 1, 2011 (2007 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	56	162	35%
<b>Outreach Projects</b> - Handouts at public buildings, information at annual home expo & codes academy, & repetitive loss mailings	330	35	380	9%
<b>Flood Protection Information</b> - Information in public library & on locality website	350	55	102	54%
<b>Open Space Preservation</b> - 12% of SHFA	420	98	900	11%
<b>Higher Regulatory Standards</b> - Freeboard, protection of natural/beneficial functions, building codes, state mandated standards, elevation of new & replacement homes in existing manufactured home parks, BCEGS Classification of 2/2, & staff education of CFM.	430	354	2,740	13%
<b>Flood Data Maintenance</b> - Using digital maps & parcel records, maintaining copies of all FIRMs	440	121	239	51%
<b>Stormwater Management Regulations</b> - Regulations for positive drainage away from building site, soil & erosion control, & water quality	450	81	670	12%
<b>Floodplain Management Planning</b> - Floodplain Management Plan	510	177	359	49%
<b>Dam Safety</b> - All VA localities receive credit	630	55	175	31%
<i>CGA - County Growth Rate = 1.01</i>				
<b>Total Credits</b>	<b>1032</b>			



## JAMES CITY COUNTY

Class 7: Effective May 1, 2013 (2007 Manual)

CRS Action	Corresponding CRS Activity Number	Credit Points Received	Total Possible Credit Available for Action	Possible Credits Received (Percentage)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	56	162	35%
<b>Map Information Service</b> - Providing FIRM info to inquirers & additional FIRM info; service publicized annually & records maintained	320	140	140	100%
Outreach Projects - Annual mailing in SFHA, flood info handouts available at county offices	330	86	380	23%
<b>Hazard Disclosure</b> - Regulations requiring SFHA location on subdivision plat	340	5	81	6%
<b>Flood Protection Information</b> - Information in libraries & on county website	350	48	102	47%
<b>Flood Protection Assistance</b> - Technical advice & assistance to interested property owners & annually publicizes the service	360	49	71	69%
<b>Higher Regulatory Standards</b> - Freeboard, protection of floodplain storage capacity, natural/beneficial functions, enclosure limits, land development criteria, building codes, state mandated standards, BCEGS Classification of 2/2	430	650	2,740	24%
<b>Flood Data Maintenance</b> - Using digital maps & maintaining copies of all FIRMs	440	165	239	69%
<b>Stormwater Management Regulations</b> - Stormwater management, regulations for positive drainage away from building site, soil & erosion control, & water quality	450	146	670	22%
<b>Floodplain Management Planning</b> - Floodplain Management Plan	510	147	359	41%
<b>Drainage System Maintenance</b> - Regulation prohibiting dumping in drainage system	540	15	330	5%
<b>Flood Warning Program</b> - Identification of flood threats, warnings to residents, & coordinated flood response activities	610	28	255	11%
<b>Dam Safety</b> - All VA localities received credit	630	55	175	31%
<i>CGA - County Growth Rate = 1.34</i>				
<b>Total Credits</b>	<b>1590</b>			



## CITY OF NORFOLK

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)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
<b>Outreach Projects</b> - Mailings to SFHA & real estate agents, presentations to community, & info on municipal TV channel	330	200	350	57%
<b>Hazard Disclosure</b> - Local regulations require disclosure of flood hazards	340	5	80	6%
<b>Flood Protection Information</b> - Information in public library	350	20	125	16%
<b>Open Space Preservation</b> - 13% of SFHA	420	197	2,020	10%
<b>Higher Regulatory Standards</b> - Freeboard, building codes, BCEGS 2/2, state mandated standards, & regulations administration	430	413	2,042	20%
<b>Flood Data Maintenance</b> - Digital maps & copies of all FIRMs & FISs	440	167	222	75%
<b>Stormwater Management Regulations</b> - Water quality regulations	450	21	755	3%
<b>Floodplain Management Planning</b> - Southside Hampton Roads Hazard Mitigation Plan (2012)	510	142	622	23%
<i>CGA - County Growth Rate = 1.04</i>				
<b>Total Credits</b>	<b>1203</b>			



## 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)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	45	162	28%
<b>Map Information Service</b> - Providing info to inquirers from FIRMs	320	140	140	100%
<b>Outreach Projects</b> - Annual mailing in & out of SFHA with brochure, flood info available across City	330	42	380	11%
<b>Flood Protection Information</b> - Information in library & on locality website	350	30	102	29%
<b>Open Space Preservation</b> - 5 acres	420	38	900	4%
<b>Higher Regulatory Standards</b> - 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%
<b>Stormwater Management Regulations</b> - Regulations for positive drainage away from building site, soil & erosion control, & water quality	450	84	670	13%
<b>Floodplain Management Planning</b> - Floodplain Management Plan	510	218	359	61%
<b>Flood Protection</b> - Elevated, flood proofed, or modified buildings	530	84	2,800	3%
<b>Dam Safety</b> - All VA localities received credit	630	55	175	31%
<i>CGA - County Growth Rate = 1.05</i>				
<b>Total Credits</b>	<b>1023</b>			





## 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)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	35	116	30%
<b>Map Information Service</b> - MI1 Providing FIRM info to inquirers, MI2 Floodway, & MI7 Natural Floodplain Functions	320	90	90	100%
<b>Outreach Projects</b>	330	169	350	48%
<b>Hazard Disclosure</b> - Local regulations require disclosure of flood hazards	340	5	80	6%
<b>Flood Protection Information</b> - Information in public library & locality website	350	60	125	48%
<b>Open Space Preservation</b> - 10% of SFHA	420	145	2,020	7%
<b>Higher Regulatory Standards</b> - 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%
<b>Flood Data Maintenance</b> - Online FIRMs	440	138	222	62%
<b>Stormwater Management Regulations</b> - Stormwater management, water quality regulations, erosion & sediment control regulations	450	116	755	15%
<b>Floodplain Management Planning</b> - Floodplain Management Plan (2015) *credit is for FMP only	510	255	352	72%
<i>CGA - County Growth Rate = 1.00</i>				
<b>Total Credits</b>	<b>1710</b>			



## PRINCE WILLIAM COUNTY

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)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings and post-FIRM & pre-FIRM buildings, copies of ECs available upon request	310	108	116	93%
<b>Map Information Service</b> - Providing FIRM info to inquirers, additional info on FIRM: flood depth & historical flood info. Service publicized & records maintained.	320	90	90	100%
<b>Outreach Projects</b>	330	47	350	13%
<b>Hazard Disclosure</b> - State & community regulations that require disclosure of flood hazards	340	5	80	6%
<b>Flood Protection Information</b> - Information in public library & locality website	350	14	125	11%
<b>Open Space Preservation</b> - 1% of SFHA	420	16	2,020	1%
<b>Higher Regulatory Standards</b> - Development limitations, cumulative substantial improvement, foundation protection, freeboard, building codes, BCEGS 4/3, state mandated standards, regulations administration	430	642	2,042	31%
<b>Flood Data Maintenance</b> - Digital maps, maintaining benchmarks, copies of all FIRMs & FISs.	440	129	222	58%
<b>Stormwater Management Regulations</b> - Soil & erosion control regulations & water quality regulations	450	54	755	7%
<b>Floodplain Management Planning</b> - NOVA Hazard Mitigation Plan (2017)	510	50	352	14%
<b>Dams</b> - State Dam Safety Program	630	37	160	23%
<i>CGA - County Growth Rate = 1.08</i>				
<b>Total Credits</b>	<b>1192</b>			



**CITY OF RICHMOND**

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

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



## 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)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
<b>Map Information Service</b> - Providing FIRM info to inquirers & additional FIRM info such as historical flood info; service publicized annually & records maintained	320	90	90	100%
<b>Outreach Projects</b> - Brochures at County offices & letters to residents in SFHA & repetitive loss areas	330	65	350	19%
<b>Flood Protection Information</b> - Information in public library & on County website	350	35	125	28%
<b>Open Space Preservation</b> - 5% of SFHA	420	76	2,020	4%
<b>Higher Regulatory Standards</b> - 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%
<b>Stormwater Management Regulations</b> - Soil & erosion control	450	31	755	4%
<b>Floodplain Management Planning</b> - Roanoke Valley-Alleghany Regional Commission Pre-Disaster Mitigation Plan (2013)	510	178	622	29%
<b>Acquisition &amp; Relocation</b> - 34 acquired buildings in SFHA	520	114	2,250	5%
<b>Dams</b> - State Dam Safety Program	630	37	160	23%
<i>CGA - County Growth Rate = 1.04</i>				
<b>Total Credits</b>	<b>1094</b>			



## 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>				
<b>Total Credits</b>			<b>0</b>	

SCORE NOT PROVIDED



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



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



## 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)
<b>Elevation Certificates</b> - Keeping ECs for new & substantially improved buildings, copies of ECs available upon request	310	38	116	33%
<b>Map Information Service</b> - 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%
<b>Outreach Projects</b> - brochures, town-wide mailing, phonebook info, & road sings	330	48	350	14%
<b>Open Space Preservation</b> - 15% of SFHA	420	231	2,020	11%
<b>Higher Regulatory Standards</b> - Freeboard, local drainage protection, building codes, & state mandated standards	430	148	2,042	7%
<b>Flood Data Maintenance</b> - Digital maps & copies of all FIRMs & FISs	440	127	222	57%
<b>Stormwater Management Regulations</b> - soil & erosion control	450	32	755	4%
<b>Acquisition &amp; Relocation</b> - 17 acquired buildings in SFHA	520	51	2,250	2%
<b>Drainage System Maintenance</b> - Portion of system inspected regularly & maintenance performed; implementing an ongoing Capital Improvements Program	540	207	570	36%
<b>Dams</b> - State Dam Safety Program	630	37	160	23%
<i>CGA - County Growth Rate = 1.06</i>				
<b>Total Credits</b>	<b>1009</b>			





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



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

