



Environmental Performance Standards Advisory Committee

Agenda

March 15, 2017 5:00 – 7:00 p.m.

City Hall, 409 South Main Street, Room 011

5:00-5:20pm	1. Introductions <ul style="list-style-type: none">a. Your Nameb. Background (occupation or volunteer positions related to the purpose of this committee)c. Why are you interested in this committee?
5:20-5:40pm	2. Committee Background & Review Committee Bylaws <ul style="list-style-type: none">a. Next Meeting: Selection of Chair & Vice-Chair
5:40-5:50pm	3. Logistics <ul style="list-style-type: none">a. Future meeting dates and times (quarterly meetings)b. Agendas and Minutes posted online, https://www.harrisonburgva.gov/Environmental-Performance-Standards-Advisory-Committeec. Assistance from other city departments, as needed
5:50-6:40pm	4. Review Existing Standards Spreadsheet (Attachment A) & Discuss Project Ideas
6:40-6:50pm	5. Questions, Comments, and Suggestions?
6:50-7:00pm	6. Next Steps

Water Protection

Last updated: Fall 2016

Local/ State/ Federal	Lead Department/ Agency	Name of Regulation, Standard or Policy	Section #/ Ref	Section Text or Summary	Weblinks	Potential for Voluntary Performance Standard?
Federal	US Environmental Protection Agency	Clean Water Act		Establishes the basic structure for regulating discharges of pollutants into the waters of the United States and regulating quality standards for surface waters.	https://www.epa.gov/laws-regulations/summary-clean-water-act	No
State	Virginia Department of Environmental Quality	General Permit for Discharges of Stormwater for Small Municipal Separate Storm Sewer Systems (MS4s)	9VAC25-890-40	Under the general permit, small MS4s must develop, implement and enforce a program that includes the following "six minimum control measures": -Public education and outreach on stormwater impacts -Public involvement and participation -Illicit discharge detection and elimination -Construction site stormwater runoff control -Post-construction stormwater management in new development and redevelopment -Pollution prevention/good housekeeping for municipal operations Must also meet pollutant reduction requirements of Chesapeake Bay TMDL special conditions and local TMDL requirements	http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+9VAC25-890-40	No
Local	Public Works	Municipal Separate Storm Sewer System (MS4) Permit Program	N/A	City's program to meet VA DEQ's General Permit for MS4s requirement.	https://www.harrisonburgva.gov/MS4-permit-program	Maybe
Local	Public Works	Illicit Discharges and Connections Ordinance	7-6-1	The chapter regulates non-stormwater discharges entering the MS4. The chapter establishes methods for controlling the introduction of pollutants into the MS4 in order to comply with the VPDES General Permit for MS4s.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeId=PTIITHCOGEOR_TIT7WASE_CH6ILDICO	Maybe
State	Virginia Department of Environmental Quality	Erosion and Sediment Control Law	§ 62.1-44.15:51-66	Requires program and adoption of regulations for the effective control of soil erosion, sediment deposition, and nonagricultural runoff that shall be met in any control program to prevent the unreasonable degradation of properties, stream channels, waters, and other natural resources.	http://law.lis.virginia.gov/vacodefull/title62.1/chapter3.1/article2.4/	No
State	Virginia Department of Environmental Quality	Erosion and Sediment Control Regulations	9VAC25-840-10	Minimum standards for the effective control of soil erosion, sediment deposition, and nonagricultural runoff.	http://law.lis.virginia.gov/admincode/title9/agency25/chapter840/	No
Local	Planning & Community Development	Erosion and Sediment Control Ordinance of the City of Harrisonburg, Virginia	Chapter 10-4	Purpose of this chapter is to prevent degradation of properties, stream channels, waters and other natural resources of the city by establishing requirements for the control of soil erosion, sediment deposition and nonagricultural runoff and by establishing procedures whereby these requirements shall be administered and enforced. This Ordinance establishes the City as a VA Erosion & Sediment Control Program, a required designation under the enabling VA Law and Regulations.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances https://www.harrisonburgva.gov/site-development	No
Local	Planning & Community Development	Design & Construction Standards Manual: Erosion & Sediment Control	2.4	The purpose of this manual is to establish standards for the design and construction of site facilities. The referenced section is intended to supplement and reinforce the City's Erosion & Sediment Control Ordinance.	https://www.harrisonburgva.gov/dcsn	No
State	Virginia Department of Environmental Quality	Stormwater Management Act	§ 62.1-44.15:24-50	Requires adoption of regulations that specify minimum technical criteria and administrative procedures for Virginia Stormwater Management Programs.	http://law.lis.virginia.gov/vacodefull/title62.1/chapter3.1/article2.3/	Yes

State	Virginia Department of Environmental Quality	Virginia Stormwater Management Program (VSMP) Regulations	9VAC25-870-10	Provides a framework for the administration, implementation and enforcement of the Virginia Stormwater Management Act and to delineate procedures and requirements.	<p style="text-align: right;">Last updated: Fall 2016</p> http://law.lis.virginia.gov/admincode/title9/agency25/chapter870	Yes
Local	Planning & Community Development	Stormwater Management Ordinance	Chapter 10-7	Protects the quality and quantity of state waters from potential harm of unmanaged stormwater, including protection from land disturbing activity causing unreasonable degradation of properties, water quality, stream channels, and other natural resources, and to establish procedures for administration and enforcement. This Ordinance establishes the City as a VA Stormwater Management Program, a required designation under the enabling VA Law and Regulations.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeld=PTIITHCOGEOR_TIT10PLDE_CH7STMA	Yes
Local	Planning & Community Development	Design & Construction Standards Manual: Stormwater Management	2.5	The purpose of this manual is to establish standards for the design and construction of site facilities. The referenced section is intended to supplement and reinforce the City's Stormwater Management Ordinance.	https://www.harrisonburgva.gov/dscm	Yes
State	Planning & Community Development	2012 Virginia Plumbing Code	803.2, 1003.3, & 1003.4	These three sections deal with neutralizing of corrosive wastes and requirements for interceptors and separators for grease laden and oil discharges to be discharged into the sanitary drainage system.	http://codes.iccsafe.org/app/book/toc/2012%20VA_Plumbing_HTML/index.html	No
Local	Planning & Community Development	Floodplain Zoning District	10-3-160	Regulates uses, activities, and development that could impact flood heights, velocities, and frequencies. Restricts or prohibits certain uses, activities, and development from locating within districts subject to flooding.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeld=PTIITHCOGEOR_TIT10PLDE_CH3ZO_ARTYFLZODI	No
Local	Planning & Community Development	Erosion and Sediment Control Ordinance of the City of Harrisonburg, Virginia	Chapter 10-4	Purpose of this chapter is to prevent degradation of properties, stream channels, waters and other natural resources of the city by establishing requirements for the control of soil erosion, sediment deposition and nonagricultural runoff and by establishing procedures whereby these requirements shall be administered and enforced.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances https://www.harrisonburgva.gov/site-development	No
Local	Planning & Community Development	Design & Construction Standards Manual: Erosion & Sediment Control	2.4	The purpose of this manual is to establish standards for the design and construction of facilities intended to be publicly accepted as a portion of subdivision or development plans. These standards are intended to supplement and reinforce the City's Subdivision Ordinance, Zoning Ordinance, Erosion & Sediment Control Ordinance, Stormwater Management Ordinance, Comprehensive Plan, etc. Criteria for private entrances, parking areas, drives, etc. are provided as necessary to ensure adequate private facilities are provided as necessary for public safety and compliance with other City ordinances.	https://www.harrisonburgva.gov/dscm	No
Local	Planning & Community Development	Stormwater Management Ordinance	Chapter 10-7	Protects the quality and quantity of state waters from potential harm of unmanaged stormwater, including protection from land disturbing activity causing unreasonable degradation of properties, water quality, stream channels, and other natural resources, and to establish procedures for administration and enforcement.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeld=PTIITHCOGEOR_TIT10PLDE_CH7STMA	Yes

Local	Planning & Community Development	Design & Construction Standards Manual: Stormwater Management	2.5	The purpose of this manual is to establish standards for the design and construction of facilities intended to be publicly accepted as a portion of subdivision or development plans. These standards are intended to supplement and reinforce the City's Subdivision Ordinance, Zoning Ordinance, Erosion & Sediment Control Ordinance, Stormwater Management Ordinance, Comprehensive Plan, etc. Criteria for private entrances, parking areas, drives, etc. are provided as necessary to ensure adequate private facilities are provided as necessary for public safety and compliance with other City ordinances.	Last updated: Fall 2016 https://www.harrisonburgva.gov/dscm	Yes
Local	Planning & Community Development	Erosion and Sediment Control Ordinance of the City of Harrisonburg, Virginia	Chapter 10-4	Purpose of this chapter is to prevent degradation of properties, stream channels, waters and other natural resources of the city by establishing requirements for the control of soil erosion, sediment deposition and nonagricultural runoff and by establishing procedures whereby these requirements shall be administered and enforced.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances https://www.harrisonburgva.gov/site-development	No
Local	Planning & Community Development	Design & Construction Standards Manual: Erosion & Sediment Control	2.4	The purpose of this manual is to establish standards for the design and construction of facilities intended to be publicly accepted as a portion of subdivision or development plans. These standards are intended to supplement and reinforce the City's Subdivision Ordinance, Zoning Ordinance, Erosion & Sediment Control Ordinance, Stormwater Management Ordinance, Comprehensive Plan, etc. Criteria for private entrances, parking areas, drives, etc. are provided as necessary to ensure adequate private facilities are provided as necessary for public safety and compliance with other City ordinances.	https://www.harrisonburgva.gov/dscm	No
State	Virginia Department of Environmental Quality	Stormwater Management Act	§ 62.1-44.15:24-50	Requires adoption of regulations that specify minimum technical criteria and administrative procedures for Virginia Stormwater Management Programs.	http://law.lis.virginia.gov/vacodefull/title62.1/chapter3.1/article2.3/	Yes
State	Virginia Department of Environmental Quality	Virginia Stormwater Management Program (VSMP) Regulations	9VAC25-870-10	Provides a framework for the administration, implementation and enforcement of the Virginia Stormwater Management Act and to delineate procedures and requirements.	http://law.lis.virginia.gov/admincode/title9/agency25/chapter870	Yes
Local	Planning & Community Development	Stormwater Management Ordinance	Chapter 10-7	Protects the quality and quantity of state waters from potential harm of unmanaged stormwater, including protection from land disturbing activity causing unreasonable degradation of properties, water quality, stream channels, and other natural resources, and to establish procedures for administration and enforcement.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeId=PTIITHCOGEOR_IT10PLDE_CH7STMA	Yes
Local	Planning & Community Development	Design & Construction Standards Manual: Stormwater Management	2.5	The purpose of this manual is to establish standards for the design and construction of facilities intended to be publicly accepted as a portion of subdivision or development plans. These standards are intended to supplement and reinforce the City's Subdivision Ordinance, Zoning Ordinance, Erosion & Sediment Control Ordinance, Stormwater Management Ordinance, Comprehensive Plan, etc. Criteria for private entrances, parking areas, drives, etc. are provided as necessary to ensure adequate private facilities are provided as necessary for public safety and compliance with other City ordinances.	https://www.harrisonburgva.gov/dscm	Yes

State	Virginia Department of Health, Water Resources Division	Virginia Waterworks Regulation, Virginia Administrative Code	Chapter 590	Sets forth design and construction standards for public water supply systems.	https://law.lis.virginia.gov/admincode/title11/chapter590/	Last updated: Fall 2016	No
State	Virginia Department of Environmental Quality	Virginia Sewage and Treatment Regulations (SCAT) Virginia Administrative Code	Chapter 790	Sets forth design and construction standards for public sanitary sewer systems.	https://lis.virginia.gov/cgi-bin/legp604.exe?000...9VAC25-790		No
Local	Public Utilities Department	Design & Construction Standards Manual	Chapters 4&7	Further adapts water and sewer regulations for local approval and priorities in Harrisonburg	https://www.harrisonburgva.gov/dcsm		No
Local	Public Utilities Department	The Charter Code of Ordinances City of Harrisonburg	Title 7	Specific application to Harrisonburg: (1) General Provisions (2) Water System (3) Sewer System, and (4) Rates & Charges	https://www.municode.com/library/va/harrisonburg		No

Air

Local/ State/ Federal	Lead Department/ Agency	Name of Regulation, Standard or Policy	Section #	Section Text or Summary	Weblink	Potential for Voluntary Performance Standard?
State	Planning & Community Development	2012 Virginia Mechanical Code	510	Hazardous exhaust systems are systems designed to capture and control hazardous emissions generated from product handling or processes, and convey those emissions to the outdoors. Hazardous emissions include flammable vapors, gases, fumes, mists or dusts, and volatile or airborne materials posing a health hazard, such as toxic or corrosive materials.	http://codes.iccsafe.org/app/book/toc/2012_VA_Mechanical/index.html	No

Noise

Local/ State/ Federal	Lead Department/ Agency	Name of Regulation, Standard or Policy	Section #	Section Text or Summary	Weblink	Potential for Voluntary Performance Standard?
Local	Harrisonburg Police Department / Community Development	Municipal Code City of Harrisonburg	15-3-2	Noise violations; penaltiesThe city council hereby finds and declares that excessive noise is a serious hazard to the public health, welfare, peace and safety, and the quality of life. It is, therefore, the policy of the city and the purpose of this section to prevent such excessive noise; specific prohibitions (social gatherings between 10pm and 7am), noisy animals etc; Maximum sound levels to not exceed 55 dBA between 10pm and 7AM; exemptions (ie band performances, construction, etc); sound levels; sound level measurements; punishment.	https://www.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeId=PTIITHCOGEOR_TIT15_HESA_CH3NU_S15-3-2NOVIPE	

Lighting

Local/ State/ Federal	Lead Department/ Agency	Name of Regulation, Standard or Policy	Section #	Section Text or Summary	Weblink	Potential for Voluntary Performance Standard?
State	Planning & Community Development	2012 Virginia Energy Conservation Code	C405.6	All exterior lighting, other than low voltage lighting shall comply with Sections C405.6.1 and C405.6.2	http://codes.iccsafe.org/app/book/toc/2012%20VA_Energy_HTML/index.html	No
Local	Planning & Community Development	Design & Construction Standards Manual: Site Lighting	2.9	This section addresses a site lighting standard to be confirmed for new development site plans. Standard limits the distribution of light off of a property to 0.5 foot-candles. City does not enforce this standard after construction as an ongoing requirement.		

Energy Use & Efficiency (for buildings, equipment, and vehicles)

Local/ State/ Federal	Lead Department/ Agency	Name of Regulation, Standard or Policy	Section #	Section Text or Summary	Weblink	Potential for Voluntary Performance Standard?
State	Planning & Community Development	2012 Virginia Energy Conservation Code	C405.6	Entire code addressing energy code requirements for both commercial and residential structures	http://codes.iccsafe.org/app/book/toc/2012%20VA_Energy_HTML/index.html	No

Land Use & Transportation (Site Design)

Local/ State/ Federal	Lead Department/ Agency	Name of Regulation, Standard or Policy	Section #	Section Text or Summary	Weblink	Potential for Voluntary Performance Standard?
State	Planning & Community Development	2012 Virginia Construction Code, 2009 ICC A117.1-2009	1010, 1101.2, 1104, 1105, 1106, 1109.15, & 1110	The Building Code has some exterior requirements for ramps, accessible route, entrance, parking, recreation, and signage requirements.	http://codes.iccsafe.org/app/book/toc/2012_VA_Construction_HTML/index.html	No
Local	Planning & Community Development	Zoning Ordinance - Parking lot landscaping	10-3-30.1	This ordinance requires landscaping in and around parking lots.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeId=PTIITHCOGEOR_T110PLDE_CH3ZO_ARTGOREPA_S10-3-30.1PALOLA	Maybe - we can provide option for increased threshold
Local	Planning & Community Development	Zoning Ordinance - Business Gardens	10-3-189	This ordinance allows business gardens, defined as home occupation, where areas of a parcel or adjoining parcels under the same ownership, used to cultivate fruits, vegetables, herbs, or flowers for sale purposes.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeId=PTIITHCOGEOR_T110PLDE_CH3ZO_ARTBBUGA	No
Local	Planning & Community Development	Zoning Ordinance - R-4 Planned Unit Residential District	10-3-58.2	Planned residential neighborhoods containing not less than 25 contiguous acres. Provides opportunity to lay out recreation and open space areas. Requires open green space of at least 15%.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeId=PTIITHCOGEOR_T110PLDE_CH3ZO_ARTKPLUNREDI_S10-3-50PUDI	Maybe - we can provide option for increased threshold
Local	Planning & Community Development	Zoning Ordinance - R-6 Low Density Mixed	10-3-56.1	Provides opportunities for the development of planned residential communities offering a mix of large and small-lot single family detached dwellings and open spaces, together with certain governmental, educational, religious, recreational and utility uses. Innovative residential building types and creative subdivision design encouraged to promote neighborhood cohesiveness, walkability, connected transportation systems, community green spaces and protection of environment resources.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeId=PTIITHCOGEOR_T110PLDE_CH3ZO_ARTLLODEMIREPLCODIRE	Maybe
Local	Planning & Community Development	Zoning Ordinance - R-7 Medium Density Mixed Residential Planned Community	10-3-57.1	To permit the development of planned residential communities offering a mix of single family detached and attached dwellings and open spaces, together with certain governmental, educational, religious, recreational and utility uses. Innovative residential building types and creative subdivision design encouraged to promote neighborhood cohesiveness, walkability, connected transportation systems, community green spaces and protection of environment resources.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeId=PTIITHCOGEOR_T110PLDE_CH3ZO_ARTL2MEDEMIREPLCO	Maybe
Local	Planning & Community Development	Zoning Ordinance - MX-U, Mixed Use Planned Community District	10-3-58.1	Provides opportunities for the development of planned mixed use communities offering an integral and compatible mix of residential, commercial and employment uses and open spaces. Innovative residential building types and creative subdivision design encouraged to promote neighborhood cohesiveness, walkability, connected transportation systems, community green spaces and protection of environment resources.	https://www2.municode.com/library/va/harrisonburg/codes/code_of_ordinances?nodeId=PTIITHCOGEOR_T110PLDE_CH3ZO_ARTL3MIUSPLCODI	Maybe

Other

Local/ State/ Federal	Lead Department/ Agency	Name of Regulation, Standard or Policy	Section #	Section Text or Summary	Weblink	Potential for Voluntary Performance Standard?
State	Planning & Community Development	2012 Virginia Construction Code	VCC- 1403.6, 1612, 3001.2, 1804.4, & 1805.1.2.1	The Virginia Construction Code flood design requirements.	http://codes.iccsafe.org/app/book/toc/2012_VA_Construction_HTML/index.html	No
State	Planning & Community Development	2012 Virginia Residential Code	R322	The Virginia Residential Code has some flood design requirements	http://codes.iccsafe.org/app/book/toc/2012%20VA_Residential_HTML/index.html	No
State	Planning & Community Development	2012 Virginia Rehabilitation Code	402.2, 601.3, 701.3, 1103.5, 1201.4, 1302.6, & 1401.3.3	The Virginia Rehabilitation Code has some flood design requirements.	http://codes.iccsafe.org/app/book/toc/2012_VA_Rehabilitation_code/index.html	No
State	Planning & Community Development	2012 Virginia Construction Code	1804.3, 1807.2, & 1808.7	The Virginia Construction Code has some slope requirements for surface drainage of lots and slopes adjacent to foundation footings. Sometimes retaining walls are required.	http://codes.iccsafe.org/app/book/toc/2012_VA_Construction_HTML/index.html	No
State	Planning & Community Development	2012 Virginia Residential Code	R401.3, R403.1.7, & R404.4	The Virginia Residential Code has some slope requirements for surface drainage of lots and slopes adjacent to foundation footings. Sometimes retaining walls are required.	http://codes.iccsafe.org/app/book/toc/2012%20VA_Residential_HTML/index.html	No
State	Planning & Community Development	2012 Virginia Construction Code	105	The Virginia Maintenance Code has provisions to deem an existing building unsafe if a sinkhole causes an actual or immediate danger to the occupants or public, or when life is endangered by the occupancy of an unsafe structure.	http://codes.iccsafe.org/app/book/toc/2012_VA_Maintenance_code/index.html	No
Local	Planning & Community Development	Sinkhole protection; City Design & Construction Standards Manual	2.4.2.1	This section requires special considerations for draining runoff into a sinkhole or similar karst feature. Intent is to reduce impacts on existing karst features so as not to change their response to rainfall and runoff.		
State	Virginia Department of Environmental Quality	Solid Waste Management Plan (SWMP)	9VAC20-130-30	Virginia Waste Management Board policy for each region to develop a comprehensive and integrated SWMP	http://law.lis.virginia.gov/admincode/title9/agency20/chapter130/section30/	No
State	Virginia Department of Environmental Quality	Recycling Rate Requirement	9VAC20-130-125	Each Solid Waste Planning Unit shall maintain a minimum recycling rate (25%) for municipal solid waste generated within the solid waste planning unit	http://law.lis.virginia.gov/admincode/title9/agency20/chapter130/section125/	No
State	Virginia Department of Environmental Quality	Permit-By-Rule Regulations for operation of Solid Waste Management Facility (Driver Drive Transfer Station)	9VAC20-81-401	Transfer Station operations Permit-By-Rule	http://law.lis.virginia.gov/admincode/title9/agency20/chapter81/section410/	No
State	Virginia Department of Environmental Quality	Solid Waste Management Regulations pertaining to Groundwater Monitoring Program (Closed City Landfill - Ramblewood)	9VAC20-81-250	State Monitoring Program requires continuous management of groundwater at Closed City Landfill	http://law.lis.virginia.gov/admincode/title9/agency20/chapter81/section250/	No