

CSA Group Standards Related to Stormwater Management

April 2017

CSA W200 - Design of Bioretention Systems (to be published)

CSA W200 Design of Bioretention Systems will cover requirements and guidance regarding the design of Bioretention systems intended for the protection of downstream and surrounding water quality and for flood mitigation. Key areas covered include roles and responsibilities, design elements, design process, media characteristics, system sizing and technical specification.

CSA W201 - Construction of Bioretention Systems (to be published)

CSA W201 Construction of Bioretention Systems will cover requirements and guidance regarding the construction of Bioretention systems intended for the protection of downstream and surrounding water quality and for flood mitigation. Key areas covered include roles and responsibilities, materials and materials handling, sequencing, civil considerations, landscape considerations, risk management.

CSA B184 SERIES - Polymeric subsurface stormwater management structures

CSA B184 Subsurface stormwater management structures covers polymeric subsurface stormwater management structures and accessories used in the collection, detention, retention, and infiltration of stormwater runoff. It specifies requirements for design, materials, manufacture, and structural integrity (loading), as well as for proper installation and maintenance.

CSA/ICC B805 - Rainwater Harvesting Systems (to be published)

CSA/ICC B805 Rainwater Harvesting Systems covers the design, materials, installation, and operation of rainwater harvesting systems for both residential and commercial applications that use potable and non-potable water. It specifies requirements for prescriptive and performance-based approaches to using either rainwater or stormwater as the source water.

CSA W202 - Erosion and Sediment Control, Inspection and Monitoring (to be published)

CSA W202 Erosion and Sediment Control, Inspection and Monitoring will cover requirements and guidance regarding the inspection and monitoring aspects of erosion and sediment control projects associated with construction and urban land development. Key areas covered include roles and responsibilities, communication tools and procedures, multi-stage target assessment, and considerations for water quality and at-risk species.



CSA PLUS 4013 - Technical guide: Development, interpretation and use of rainfall intensity-duration-frequency (IDF) information: Guideline for Canadian water resources practitioners

CSA PLUS 4013 is intended for professionals with a role in the planning, design, management, inspection, and regulation of stormwater, drainage, wastewater, and flood management systems. It is not a design text book or standard, but rather a resource for understanding the derivation, and application in water system planning and design, of rainfall intensity-duration-frequency (IDF) information.

For further information on all of these standards, please visit <http://shop.csa.ca/>