

Notice of Motion
Regional Water Supply Commission
July 15, 2020

SUBJECT Request for a Review and Update of Bylaw No. 3780, Building Regulation Bylaw No. 5, 2010, Amendment Bylaw No. 1, 2011

BACKGROUND

The Capital Regional District (CRD) is always looking for ways to further enhance their goals for resiliency within the region. In an effort to meet the Capital Region District's strategic plan commitment to provide adequate long-term supply of drinking water, conservation and adaptation measures can and have reduced demands upon supply and further efforts can enhance emergency resiliency.

The present bylaw "Onsite Water Collection" CRD Bylaw (Bylaw 3780) was written at a time before there was a Canadian National Rainwater Harvesting Standard and before there was a certification program for rainwater harvesting designers/installers. The present bylaw is now dated and due to this, creates redundant costs by requiring designs from certified designers to be stamped by an Engineer, which adds an additional \$2,500 to \$3,500 onto the design costs of rainwater harvesting systems. This additional cost is a barrier and equates to funds that could impair adoption of rainwater harvesting.

The development of the CSA B805-18 standard puts in place requirements for systems, and covers sizing, materials, end-use treatment, across stormwater and rainwater sources, for applications ranging from single family residential, multi-family residential, and commercial.

WHEREAS presently the CRD Bylaw 3780 addresses "On Site Water Collection" which was written in 2011 before there was a CSA Canadian National Rainwater Harvesting Standard and certification program for Rainwater Designer/Installer professionals;

And WHEREAS the present bylaw adds significant additional costs to those desiring to install rainwater harvesting systems due to the redundant requirements for engineers to stamp designs of certified rainwater harvesting designers;

And WHEREAS the Canadian National Rainwater Harvesting Standard CSA B805-18 provides clear directives on water systems designs for sizing, applications, and treatment;

RECOMMENDATION

BE IT RESOLVED That the Regional Water Supply Commission recommends that the Electoral Area Services Committee recommends to the CRD Board:

That staff be requested to review and update the building bylaw 3780 with respect to onsite water collection to align with the CSA B805-18 Canadian National Rainwater Harvesting Standard.

SUBMITTED BY:

Commissioner St-Pierre