



## **STORMWATER VOLUME CONTROL TARGETS UPDATE**

As of 2015 October 26, mandatory volume control targets as set by The City of Calgary, are voluntary and will remain as such until the city-wide volume control targets are finalized through the stormwater targets study. This voluntary option for the targets applies to both new development, as well as redevelopment applications. Mandatory volume targets however, will continue to apply to development areas located within the following watersheds (see attached map):

- Nose Creek Watershed
- Pine Creek Watershed
- Western Headworks Canal Direct Discharge Area

The permissible runoff rates and water quality targets remain unchanged and will continue to be governed by the available capacity within the downstream storm sewer system.

Applications that have been approved with volume control components can be implemented at the discretion of the applicant. If the applicant elects to cancel installation of the volume control features, the corresponding Stormwater Management Reports and/or DSSPs shall be updated accordingly as a resubmission or new submission for approval. Applications that have been reviewed but not yet approved, will have voluntary requirements for runoff volume control. The corresponding Stormwater Management Reports, DSSPs, or other pertinent submissions shall be updated to reflect the nature of the stormwater infrastructure being implemented.

The decision to proceed with the interim targets was made in 2013. At that time, it was recognized the opportunities to retrofit storm ponds in established communities were being exhausted. The next phase of strategies was needed to address rising loads in total suspended solids (TSS) going to our rivers.

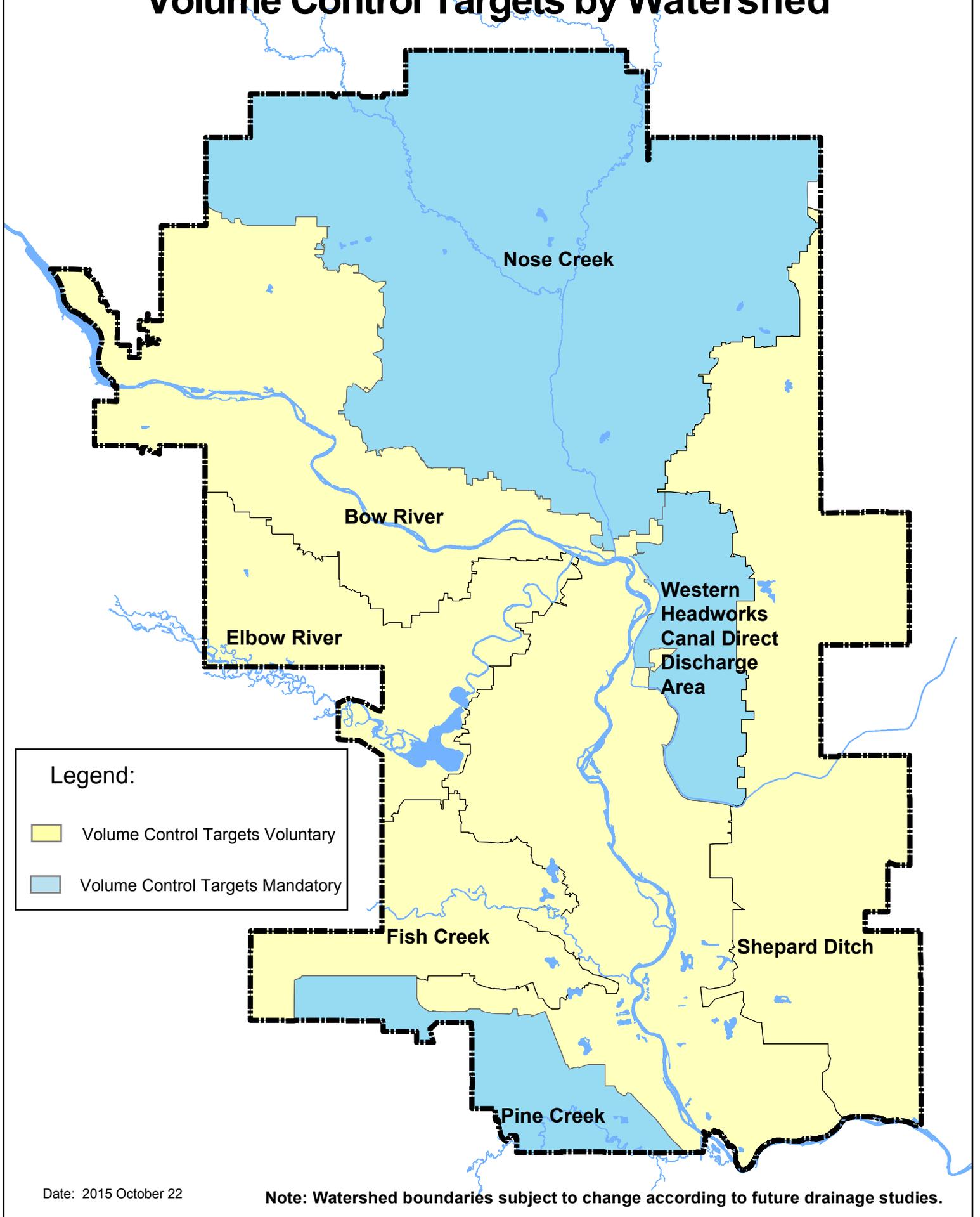
Calgary is regulated on TSS within The City's Approval to Operate. The interim volume control targets were published in April 2014 and came into effect six months later. The interim targets were mandatory but options were identified for applications where the required volume controls could not be achieved. This flexibility was embedded in the targets to allow for a period of innovation. The interim targets approach has been a barrier to leveraging the opportunities for volume control.

During the next 18-24 months, The City of Calgary, Water Resources will continue work on the city-wide volume control targets. It will also engage Industry to create broader understanding of the risks associated with increases to TSS, the regulatory Approval to Operate and how development within Calgary contributes to those TSS levels. Upon finalization of the study The City will apply the new targets to all development.

Although volume control targets are voluntary during the study period, Industry is encouraged to continue to explore and adopt volume control options. Water Resources will endeavour to use this time to collaborate with Industry, and leverage opportunities for volume control.

For questions related to the above, please contact Francois Bouchart, Manager Infrastructure Planning, (403) 512-0507 or at [francois.bouchart@calgary.ca](mailto:francois.bouchart@calgary.ca) or Bert van Duin, Drainage Technical Lead, (403) 268-6449 or at [bert.vanduin@calgary.ca](mailto:bert.vanduin@calgary.ca). For all other inquiries, please contact Darlene Stewart, WR/WS Industry Liaison, at [darlene.stewart@calgary.ca](mailto:darlene.stewart@calgary.ca).

# Volume Control Targets by Watershed



## Legend:

-  Volume Control Targets Voluntary
-  Volume Control Targets Mandatory