



STORMWATER VOLUME CONTROL TARGETS FOR 2018

Water Resources issued an Industry Bulletin October 2015 identifying that runoff volume control targets had become voluntary in most of Calgary. However, the runoff volume control targets remained mandatory for development areas located within the following watersheds:

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

NOSE CREEK WATERSHED STORMWATER VOLUME CONTROL TARGET UPDATE

The Nose Creek Watershed Partnership is still working to update the Nose Creek Watershed Water Management Plan (The Plan). Work also continues within Water Resources to develop City-wide stormwater water quality and runoff volume control targets.

The purpose of this bulletin is to clarify the implementation of runoff volume control targets for 2018 for development areas within the Nose Creek Watershed while the Nose Creek Watershed Water Management Plan is being updated and the City-wide targets are being developed.

The clarifications provided in this bulletin are expected to remain in effect through December 2018 when The Plan update is expected to be complete.

Clarification on the Implementation of Volume Control Targets in the Nose Creek Watershed

- Development areas that have an existing SMDP that was approved prior to 2007 with no runoff volume control targets: the current runoff volume control targets are considered voluntary. If updates to an existing SMDP are required, runoff volume control targets may be applied.
- Redevelopment on small sites, where an outline plan and/or SMDP does not exist and is not required: the current runoff volume control targets are considered voluntary. If an Outline Plan and/or a new SMDP is required, runoff volume control targets will be applied.
- Developments with mandatory volume targets, relaxations will be considered when it is demonstrated that infiltration and the diversion of runoff from hard surface areas into absorbent landscaping is maximized.
- For all developments with mandatory volume control targets within the Nose Creek and West Nose Creek watershed: the 2013 volume targets (16 mm for Nose Creek and 26 mm for West Nose Creek) will remain in effect throughout 2018 until further information is released in The Plan update.



UPDATE FOR WATERSHEDS WITH VOLUNTARY TARGETS

As noted in the January 2017 bulletin, work is underway to develop City-wide stormwater water quality and runoff volume control targets. While these targets are being developed, industry is encouraged to continue to explore and adopt a voluntary runoff volume target of 40mm for development areas outside of the watersheds listed above.

The intent is that the City-wide targets will be applied to **all** greenfield development and certain types of redevelopment when they are implemented. Water Resources will consider the different stages of development applications, the timing for construction, and the degree to which water quality and/or runoff volume targets have been implemented in developing its implementation strategy for the City-wide targets. Development areas with approved Staged Master Drainage Plans (SMDPs) at the time of implementation will not automatically be grandfathered.

For developments that are entering the development application process now, industry is encouraged to incorporate voluntary runoff volume control options into the design to help mitigate the need for retrofits in the future. Industry is encouraged to work with Water Resources on a case-by-case basis to review the runoff volume control options in anticipation of the future City-wide target implementation.

Water Resources is planning to engage with Industry in 2018 on the City-wide targets and the details of the implementation strategy, which may include phased in targets.

STAGED MASTER DRAINAGE PLAN EXPIRATION DATES

As noted above, when City-wide targets are implemented in the future, there will not be any automatic grandfathering for development areas with approved SMDPs. The approval for SMDPs will expire five years from the approval date if the storm infrastructure construction has not commenced. The expiration date for the SMDP approval will be reflected in the approval conditions for the SMDP. The SMDP will need to be re-evaluated five years from the original approval date, if a valid Development Agreement is not in place with surface construction permissions issued (for the pond and/or subdivision). Water Resources acknowledges that the construction of storm infrastructure may not be completed within the 5 years. The latest stormwater management requirements will be applied when the SMDP is submitted for re-evaluation.

For information pertaining to this Bulletin please contact Maggie Choi, Leader, Development Approvals at Maggie.Choi@calgary.ca.