

# Development Planning Checklist

## Nose Creek Watershed Water Management Plan

All subdivisions must meet **Mandatory Conditions** in Sections

- \* 8.3 Integrated Stormwater management
- \* 8.4 Protection of Natural Features
- \* 8.6.2 Source Water Protection and
- \* 8.8 Cumulative Effects.

Planners **Must Evaluate** subdivision applications that include Nose Creek, West Nose Creek or any associated tributaries, riparian area, wetland or portion thereof according to the guidelines in sections

- \* 8.5 Riparian Protection and
- \* 8.6.3 Channelization

Section 8.3 Integrated Stormwater Management - **Mandatory Conditions**

- Maximum allowable release rate of 1.257L/s/ha on Nose Creek for 1:100 yr return period
- Maximum allowable release rate of 0.99L/s/ha on West Nose Creek for 1:100 yr return period
- 85-90% minimum rain fall capture volume (minimum 93-95% by 2013). See table 8.1 for details.

Section 8.4 Protection of Natural Features - **Mandatory Conditions**

- Minimize area susceptible to surface erosion
- Maintain escarpment areas
- Escarpment areas >15% designated as ER
- Where land is adjacent to or includes the banks of any watercourse, including coulees, ravines, gullies, valleys and where the slope of the bank adjacent to any watercourse is in excess of 15%, buildings or other structures should not be permitted:
  - Where the height of bank is less than 6 m, within 12 m from the top of the bank,
  - Where the height of bank is between 6 m and 23 m, within a distance that is two times the height of bank, from the top of the bank,
  - Where the height of bank is more than 23 m, within 46 m from the top of the bank
- Retain existing wetlands. Are wetlands present on the site? Y / N initial\_\_\_\_
- Maintain existing vegetation
- Plan for timely revegetation on all stripped sites
- Sediment and Erosion Control Plan (see City of Calgary Sediment and Erosion Control Manual)

Section 8.5 Riparian Protection - **Must Evaluate**

- Riparian Setback sufficient (See section 8.5 and appendix C Background Document or use City of Calgary Environmental Reserve Setback Policy as a guideline)
- No development within riparian setback including storm ponds

Section 8.6.2 Source Water Protection - **Mandatory Conditions**

- No known possibility for ground water contamination
- Seal off abandoned wells to prevent ground water contamination

Section 8.6.3 Channelization - **Must Evaluate**

- No Net Loss of channel length
- No channel degradation

Section 8.8 Cumulative Effects - **Mandatory Conditions**

- Review plan as it relates to surrounding areas. List any concerns of cumulative effects within the area, community, city, watershed

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Other Comments:

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