

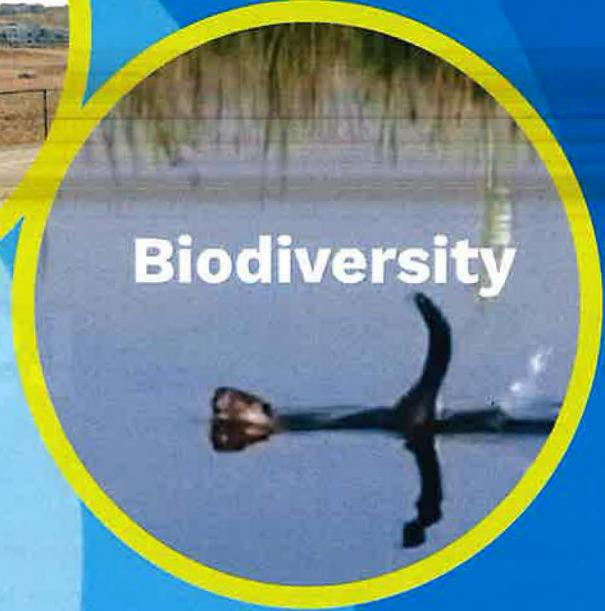
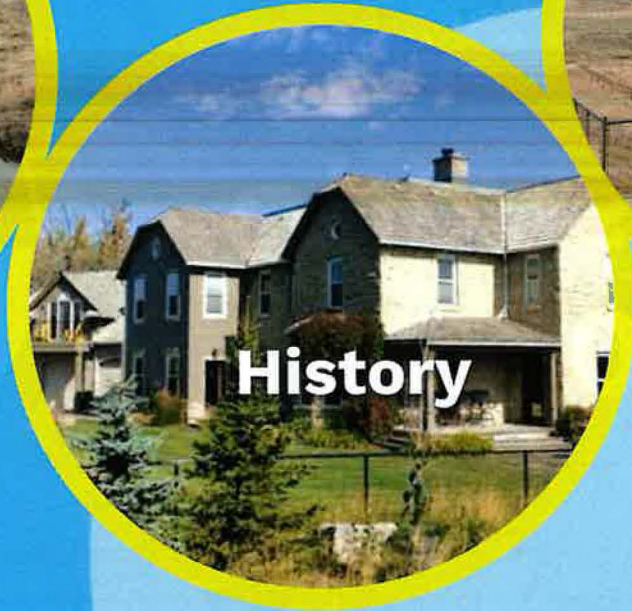
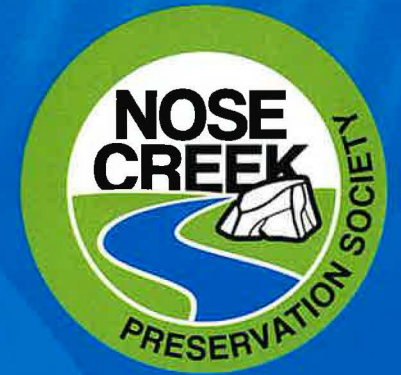


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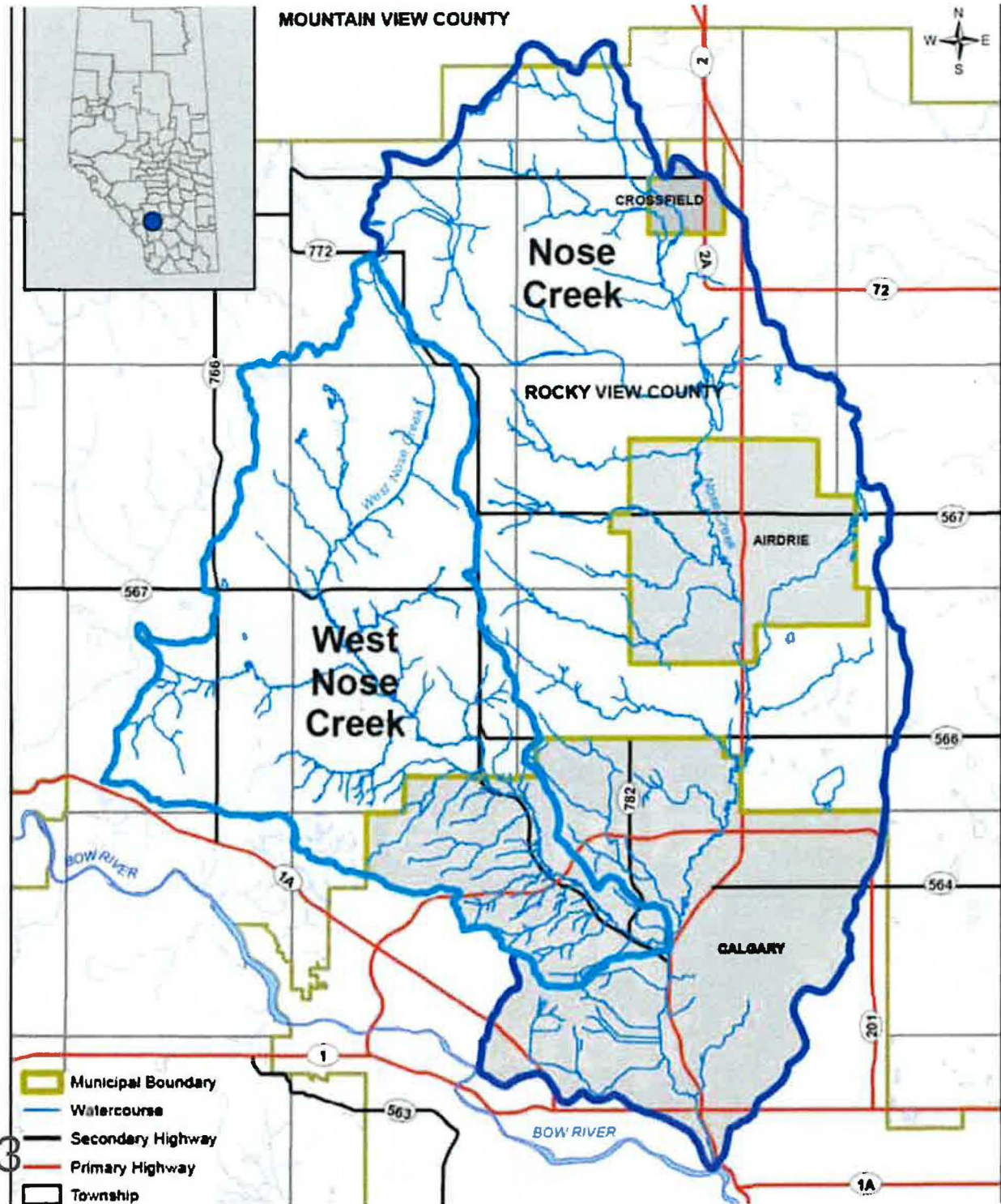
**Public Hearing Meeting of Council
May 7, 2024**

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4 Areas of Advocacy



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Nose Creek Watershed



Watershed Facts

- ➔ Watershed area = 989 km²
- ➔ Calgary area = 825.3 km²

West Nose Creek Facts

- ➔ Starts around Madden, AB
- ➔ 2018 Study Shows:
 - ◆ 37% healthy
 - ◆ 13% unhealthy
 - ◆ 50% healthy (with problems)

CITY OF CALGARY
RECEIVED
 IN COUNCIL CHAMBER
 MAY 07 2024
 ITEM: 7.2.12 (P2024-0341)
 Distrib-Presentation 5 -
 CITY CLERK'S DEPARTMENT

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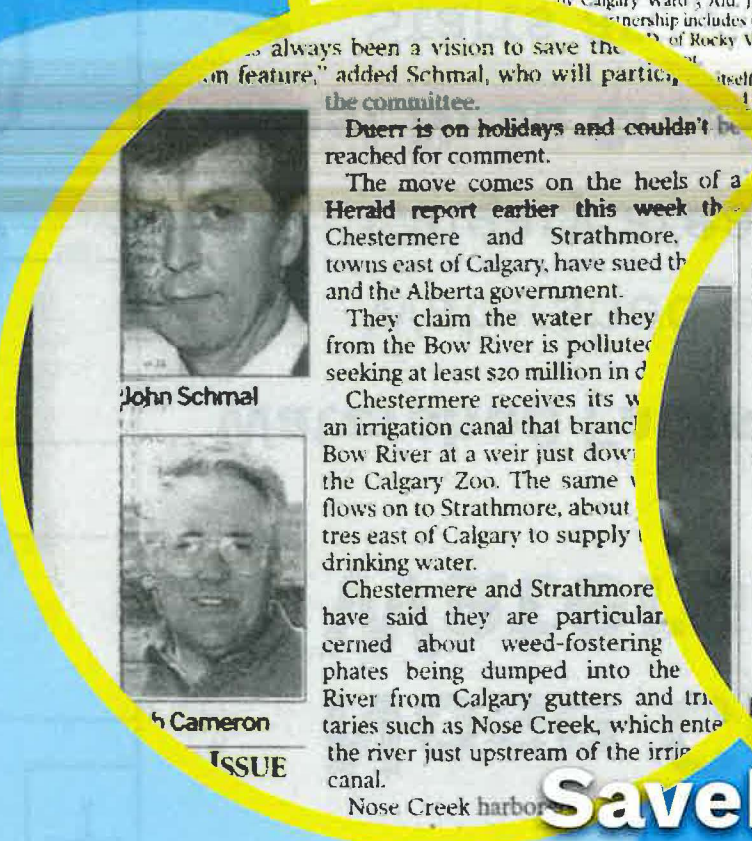
Ref: Nose Creek Watershed Water Management Plan (2018) –Graphic Page 2 Stats Page 32
 Nose Creek Watershed Partnership

Nose Creek Watershed Partnership

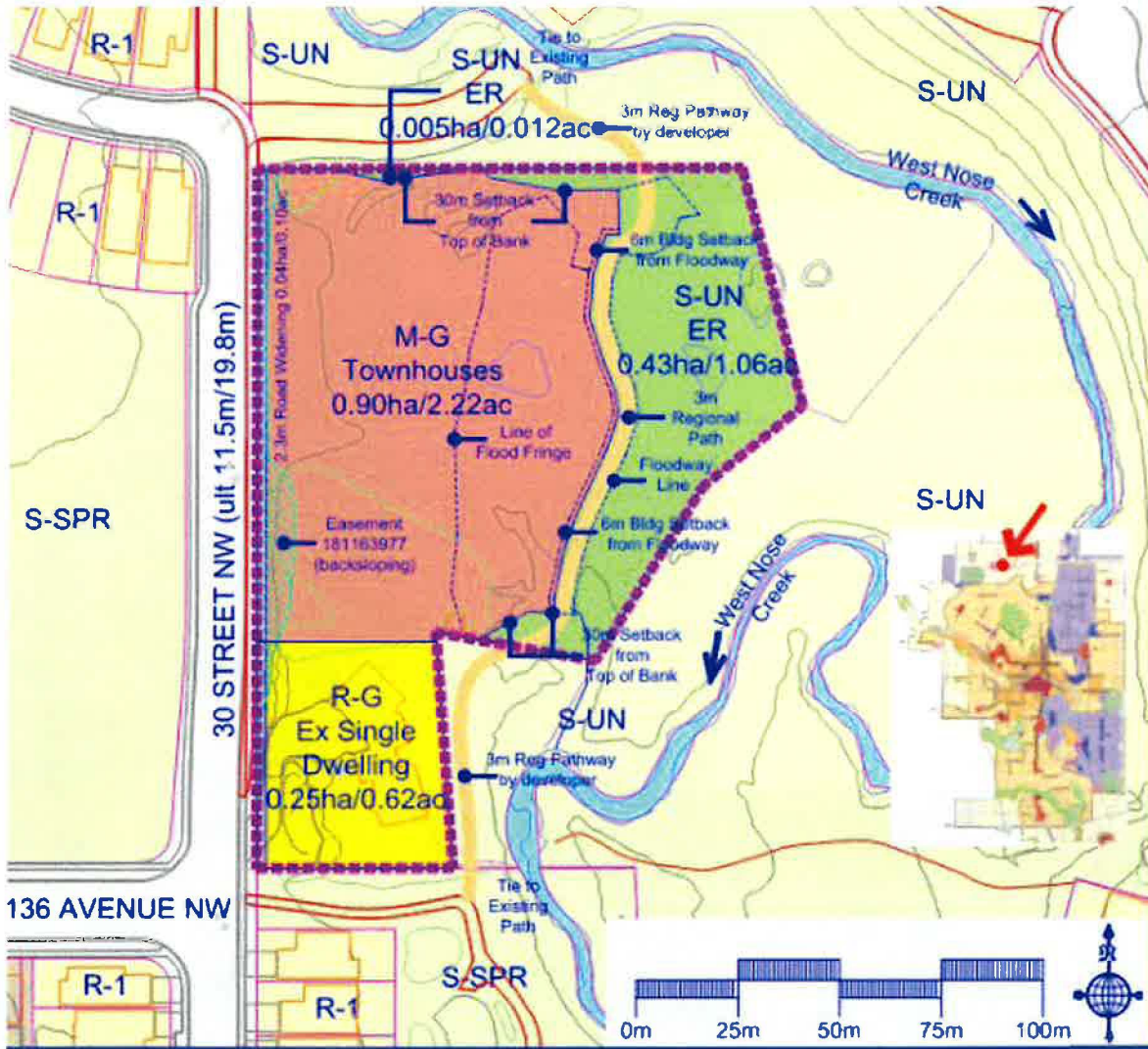


Partners

- Bow River Basin Council
- Calgary
- Airdrie
- Rocky View County
- Crossfield
- Calgary Airport Authority



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Alberta Government
Flood Hazard Maps
for the area.

Application Setbacks

- Only uses Floodway for S-UN
- Includes 1 in 100-year Flood Fringe in M-G
- Could support if Flood Fringe was S-UN

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Calgary Setback Policy



- Weak / Non-Existent
- 60m Setback “Guideline” not being enforced
- No Policy to enforce “Guideline”

Waterbody	Substrate	Minimum Setback	Modifiers
Nose Creek Upstream of the confluence with West Nose Creek	Glacial till	30 m	If the average cross fall slope of a defined setback area is more than 5%, increase the width of the setback by 1.5 m for every 1% of slope greater than 5%
West Nose Creek All other permanent creeks	Coarse textured sands and gravels, alluvial sediments	60 m	None
Nose Creek Downstream of the confluence with West Nose Creek	All soil types	50 m	If the average cross fall slope of a defined setback area is more than 5%, increase the width of the setback by 1.5 m for every 1% of slope greater than 5%



Ref: Nose Creek Watershed Water Management Plan (2018) -Page 33
Nose Creek Watershed Partnership

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