



Water Resources Greenfield Off-site Levy Review

March 24, 2022



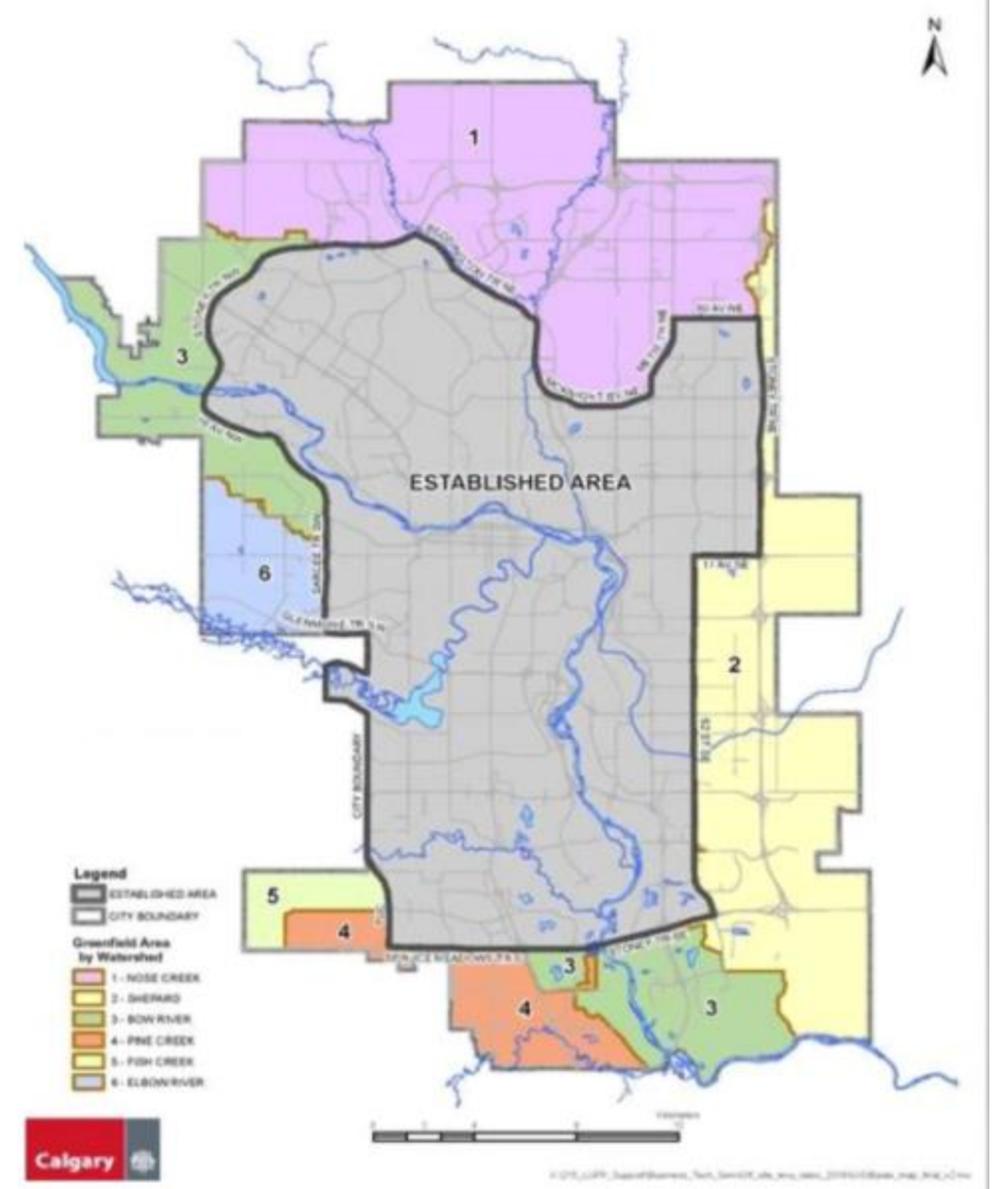
1. Current Model & Rates
2. Catchment Balances/Shortfalls
3. Proposed New Methodology
4. Active & Planned Project List
5. Next Steps



Current Model and Rates

- Catchment based levy rate

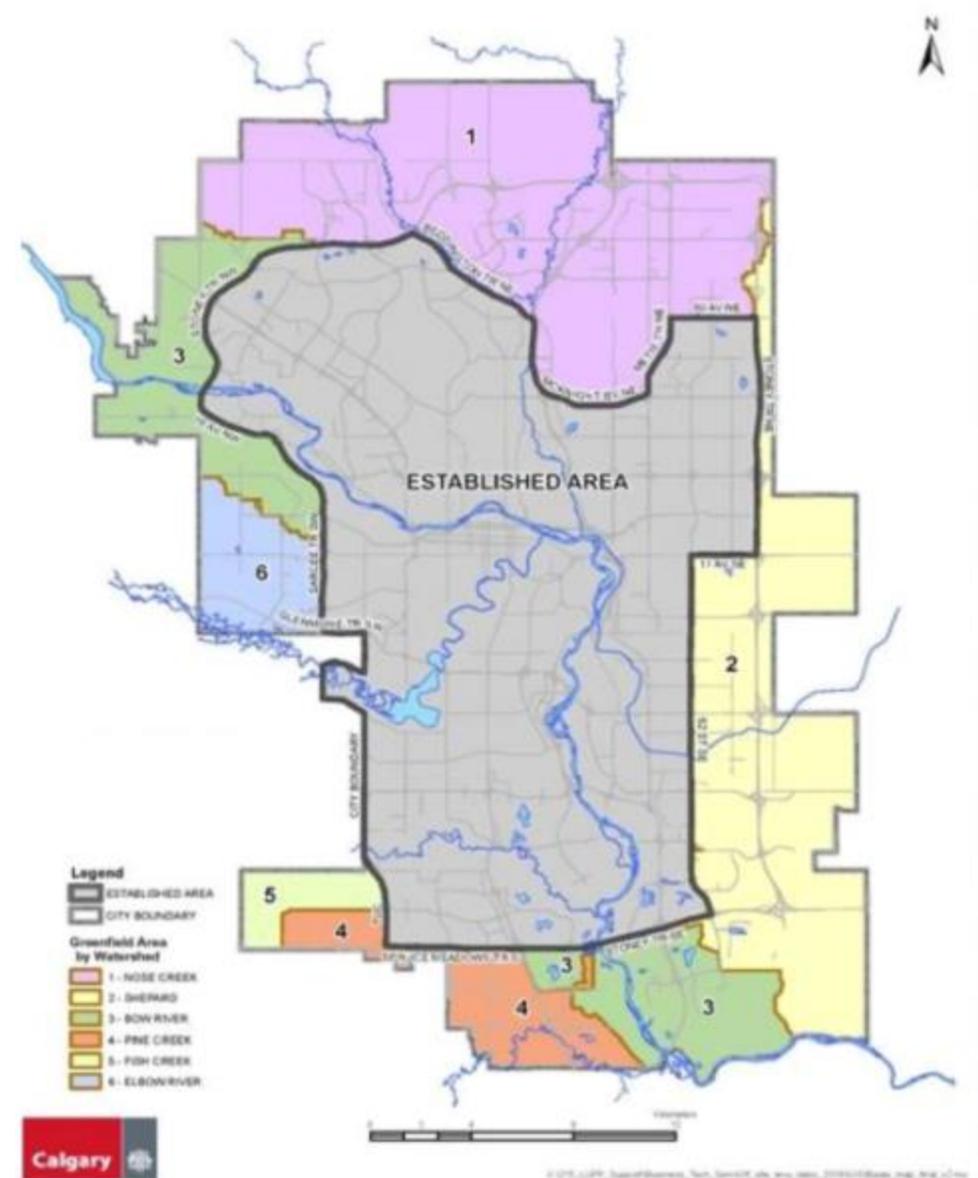
2022 Rates	\$/ha
Bow River	9,946
Nose Creek	19,208
Shepard	50,228
Fish Creek	24,494
Elbow River	N/A
Pine Creek	21,570





Catchment Balances/Shortfalls

2016-2021 Actuals	Surplus/(Shortfall)
Bow River	\$2.8M
Nose Creek	\$6.2M
Shepard	(\$28.5)
Fish Creek	\$0.6M
Elbow River	N/A
Pine Creek	\$3.5M
Total	(\$15.5M)





Proposed New Methodology

- The City is proposing moving to a City-wide catchment flat rate calculation

PROS

- Flexibility to use levy funds City-wide
- Rate predictability
- Same cost City-wide
- Less sensitive to large projects on small catchments

CONS

- No longer linked to direct benefit
- Some catchments will see a large increase going to a City-wide approach



Proposed New Methodology

- Alignment with Linear Water & Wastewater methodology

$$\frac{\text{Capital investments required for approved growth areas}}{\text{Greenfield leviable hectares (approved growth)}} = \frac{\text{Net Present Value Principal \& Interest for all projects supporting approved growth}}{\text{Approved growth capacity (Ha)}} = \text{Levy rate}$$



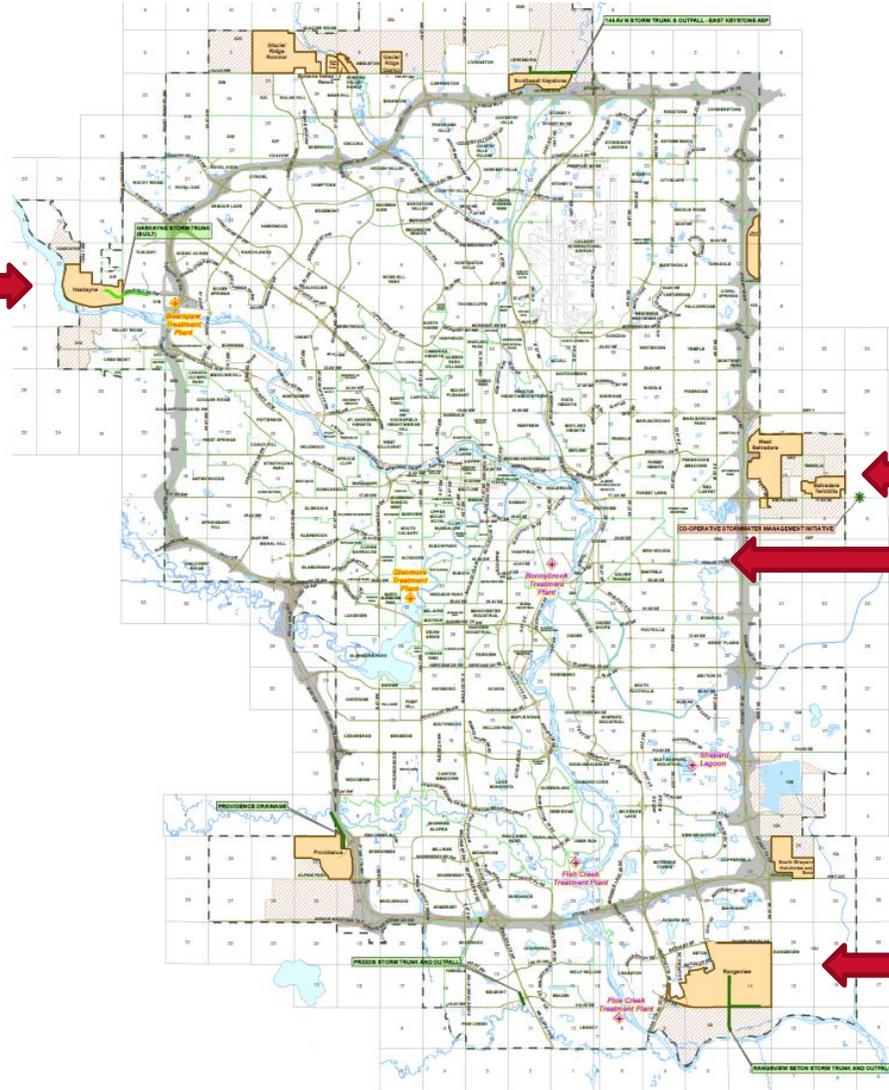
Active & Planned Project List

Project	Catchment	Estimated Cost	Estimated Completion Year
Priddis Storm Trunk & Outfall	Pine Creek	\$15.0M	2022
144 Ave N Storm Trunk & Outfall	Nose Creek	\$20.4M	2023
Seton Storm Trunk	Bow River	\$19.1M	2023
Seton Storm Trunk Phase 2	Bow River	\$15.3M	2023
Providence Storm Trunk and Outfall Phase 1	Fish Creek	\$14.4M	2022
Providence Storm Trunk and Outfall Phase 2	Fish Creek	\$27.0M	2025
Haskayne Storm Trunk	Bow River	\$0.9M	Completed
Co-operative Stormwater Management Initiative	Shepard/WID?	\$20.1M (5 Stages)	2032
Forest Lawn Creek Improvements	Shepard	\$3.5M	2025



Active & Planned Project List

Haskayne Storm Trunk



CSMI

Forest Lawn Creek Improvements

Seton Storm Trunk



Next Steps

- The next meeting is on April 13th
- We will have more to share after we refine the methodology, including rate impacts
- How do you feel about moving from a catchment-based levy to a City-wide levy?