

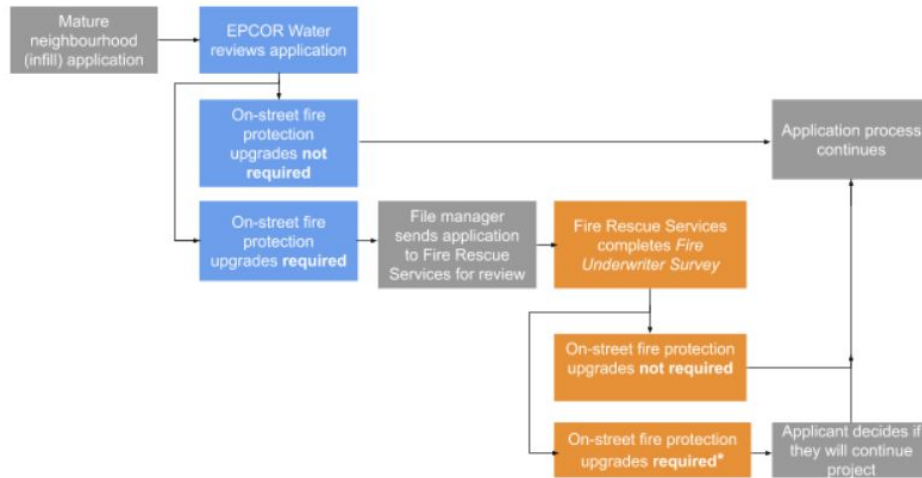
FIRE FLOW AND HYDRANT REQUIREMENTS IN INFILL DEVELOPMENT

Assistant. Deputy Chief Justin Lallemand
Edmonton Fire Rescue Services
Utility Committee Report - EFRS02341

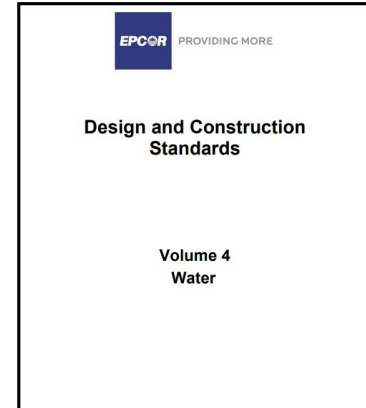
May 6, 2024

Infill Fire Protection Assessment (IFPA) Process

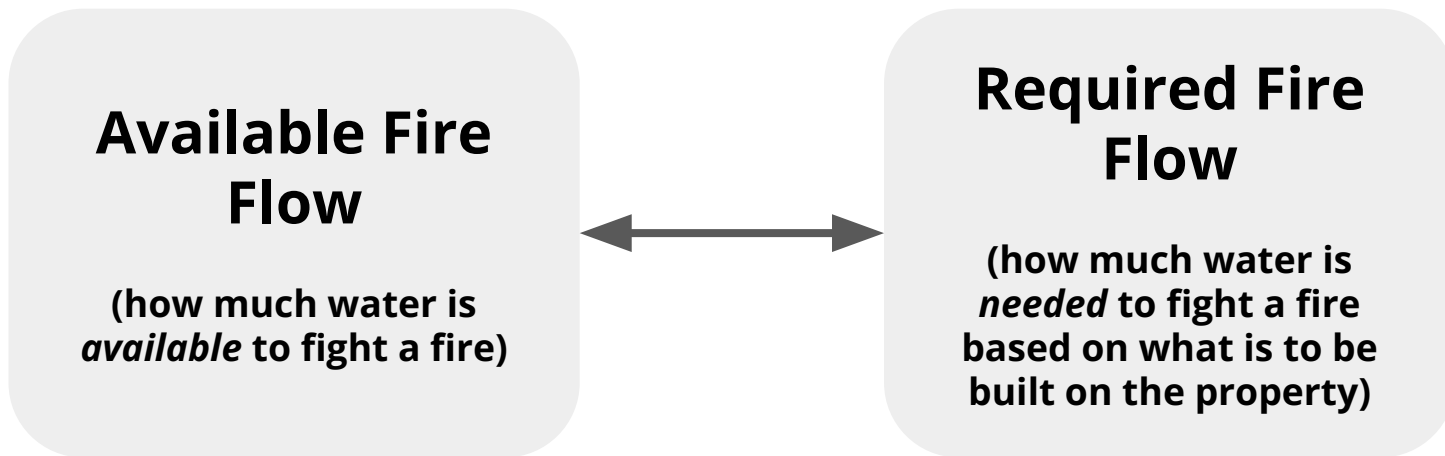
Review process flow chart



*If on-street fire protection upgrades are required, the applicant may apply for the Infill Cost Share Pilot Program



Infill Fire Protection Assessment (IFPA) Process



~\$200M in cost avoidance
since 2019

Future Public Access to Fire Flow Information



Image Credit: [Water Magazine, June 8, 2022](#)

Benefits

- Reduced Uncertainty
- Improved Infrastructure Planning/Prioritization
- Efficient Design and Construction Standards

Roadmap

1.a. Automating the Available Fire Flow Calculation

1.b. Open Data

2. Required Fire Flow Calculator in the Development Permit Self-serve Portal

3. Education Campaign and Training Materials

Thank you

The logo for the City of Edmonton, featuring the word "Edmonton" in white text on a blue square background.

Edmonton