

Supplementary Budget – Briefing Note

2018 Budget

One page brief per request

Briefing Note required for:
 -items >\$50,000
 -changes in FTE

Dept	Division	Business Unit	Item	Base Supp	Amount	FTE Impact
CD	FES	14042	Standardization of the Rural Water Supply	S	\$78,499	

BACKGROUND:

-BRIEFLY provide why this is a request
 (eg. Based on 3 year history)

Superior Tanker Shuttle Service (STSS) Accreditation - is a rigorous testing process that measures the requirements for hydrant protection, and compares that measurement to a fire department's ability to provide an acceptable and resilient water flow to a structure fire. These requirements are determined by the insurance industry. This accreditation is awarded by the Fire Underwriters Survey, a third party testing agency. It applies to detached homes that do not have another structure in close proximity to it, and includes single detached, suite single detached, single nonresidential (e.g. a show home) and a manufactured or movable home. If a home falls within the expanded hydrant protected area that will result from the accreditation (5km of a hydrant and 8 km from a fire station), it may be eligible to receive reduced fire insurance rates.

Currently the Public Fire Protection Classification, which is used to determine insurance rates for commercial, industrial and large residential occupancies, rates areas from a Class 1 (highest) to Class 10 (lowest). The Municipality of Chatham-Kent varies by community and is rated between a 4 and a 9.

The Dwelling Protection Grading is used to rate fire protection for dwellings and small buildings. The highest rating is 1 and the lowest rating is 5. Hydrant protected areas receive the highest rating and fire station only protected areas receive a lower rating. The Municipality of Chatham-Kent has some areas with a 1 or 2 rating, but most communities are rated at a 3A, 3B or 4.

The Superior Tanker Shuttle Certification gives those occupancies located within 8 km of a fire station and 5km of a hydrant a rating equivalent to having a full-fire rated hydrant in place. It should be noted that C-K currently has a large number of rural hydrants that were not designed to provide the required water flow to fight a structure fire. Notwithstanding this, many occupancies are currently receiving credit for hydrant proximity that should not. In order to ensure that CKFES is successful when it applies for Superior Tanker Shuttle Certification and in order to standardize water supply operations across the Municipality, it is requesting the following equipment for each frontline pumper.

COMMENT:

- provide any further details if required, impact to user fees, etc
(eg. Gross expenses, any revenues, subsidies, etc.)

- 6" 10 ft PVC Suction Hose - $\$650.00 \times 32 = \$27,040$
- 6" Low Level Strainers with Jet Assist - $\$912.00 \times 16 = \$18,969.60$
- 6" NH Butterfly Valve - $\$1500.00 \times 16 = \$31,200.00$

Total estimated cost $\$77,209.60 + \$1289 \text{ tax} = \$78,499$