



Sundridge-Strong Fire Board

Report Number: 2018-001
Date: March 14, 2018
To: Chairperson and members of the Fire Board
From: Fire Chief Grant Love
Report Title: Revised 2018 Budget

RECOMMENDATION

It is recommended that representatives from Sundridge Strong Fire Board make a presentation to both Councils for support of the proposed 2018 Operating and Capital Budgets. Included in the presentation should be the request for a written response to include what level of service should be provided and what service(s) should not be provided with the if they do not support the proposed 2018 budgets.

BACKGROUND

The operating budget provides the necessary resources to deliver programs, services and facilities services to meet the needs of the communities as identified by the Councils in their Establishing and Regulating By-Laws.

The 2018 Budget process was started November 2017. Since the 2018 Budget was first presented we have reviewed it, line by line, for the most part at least 4 times.

During the review, it was discussed and unanimously decided to proceed with a proposed budget that reflected the actual requirements of the department to bring equipment, services and building up to date while keeping the budget amount as close as possible to 2017's amount.

During this process, it was identified that there were a number of areas that we needed to work on as they had been identified in previous years as requiring replacement or repair. These items included Self Contained Breathing Apparatus (SCBA), Bunker Gear and Personal Protective Equipment (PPE).

SCBA

The department currently utilizes three editions of National Fire Protection Agency (NFPA) SCBA; 1997 edition, 2002 edition, and 2007 edition. It was noted during annual testing in September of 2015 that SCBA do not currently meet compliance with NFPA as they are not compatible with each other in respect to the NFPA edition or Heads UP (HUD) operation.

Both the 2002 and 2007 editions must have HUD's to meet annual certification. This is approximately 50 % of the current SCBA.

Parts for the 1997 edition SCBA are no longer available. For the 2002 edition, they will not be available within the near future. Currently, if an ICM (electronic component) of the 2002 and 2007 edition fail, they must be sent to the United States for repair.

In 2015 the department was notified that upgrading existing SCBA was not possible.

Bunker Gear/PPE

NFPA standards indicate that the life of all protective clothing and boots utilized in the fire service have a life of 10 years maximum. The standard also states that bunker gear shall be made as a set.

Current bunker gear utilized by some firefighters is from different manufactures and over the 10 year mark.

Government Changes to Legislation and Regulation

In the recent months, the provincial government has introduces legislation and regulation changes that will impact the fire department. While some of the changes under Bill 148 do not effect the fire department some due. This will result in around \$18,662 increase to the Salaries and Wages line.

The MCSC regulations that are currently out for review and expected to be implemented shortly will impact the fire department in a number of ways.

- Mandatory certification for new members
- Mandatory cerfication for new officers
- Increase in training for all firefighters

These changes will result in the requirement of training to be conducted on 3 or 4 nights a month instead of 2, along with more weekend training. Trainng wil need to be a major focus for the department as will result in an increase in workload for officers.

ANALYSIS

The primary mission of the Sundridge – Strong Fire Department is to provide a range of programs and services to protect the lives and property of the inhabitants of the Village of Sundridge from the adverse effects of fires, sudden medical emergencies or exposure to dangerous conditions created by individuals or nature.

APPENDIX "B" BY-LAW 2013-019

THE SUNDRIDGE – STRONG FIRE DEPARTMENT CORE SERVICES (Response and Support)

A. Emergency Response

1. Fire Suppression including limited internal rescue and fire attack in accordance with the fire department's level of training, standard operating guidelines, Occupational Health and Safety Guidelines and the number and type of personnel and equipment available to the department and on each specific emergency response.

B. Fire Suppression:

5. Extinguishment of fire involving residential structures and commercial structures. Fire suppression shall be delivered in both offensive and defensive mode and shall include search and rescue operations, forcible entry, ventilation, protecting exposures, salvage and overhaul as appropriate, in accordance with the Fire Service's level of training, standard operating guidelines and Occupational Health and Safety Guidelines.

C. Hazardous Materials Incident Response:

D. Rescue:

ii. Endeavors to carry out the removal of victims from burning structures as rapidly and as safely as possible, given that each situation must be dealt with on the basis of its own unique circumstances.

iii. Removal of victims from toxic atmospheres provided such removal can be accomplished safely with the equipment carried on the fire apparatus and if sufficient staff is available.

E. Automatic Aid Response:

1. As per agreements in place with South River-Machar Fire Department and Burks Falls & District Fire Department.

K. Fire Protection Agreements :

1. Joly Township

In order to complete the above from the By-Law the staffing, training, and equipment must be provided.

While staffing is currently adequate, when we factor in the need for staff to have proper PPE we require Bunker Gear to meet the NFPA standard.

SCBA requires to meet the NFPA certification testing.

Training needs to be ready to meet the pending regulatory change.

OPTIONS/ALTERNATIVES

Option 1

Refer the Revised Budget of \$644,000.00 to the Township of Strong and the Village of Sundridge, with this report attached to indicate the rationale for the budget.

Option 2

Refer the Revised Budget of \$ 515,000.00 with this report attached to the Township of Strong and the Village of Sundridge and have them respond in writing which services out of the By-Law they would like to remove.

CONCLUSION

If Option 2 is the preferred option, then the Village of South River, the Township of Joly, the residents of Strong and Sundridge as well as the OFMEM will have to be notified in the level of service reduction.

ATTACHMENTS

1. SCBA Report
2. Option 1 Budget
3. Option 2 Budget



Sundridge Fire Department
Attention : Mr. Wayne Beavis (Fire Chief)

8 September 2015

Dear Sir

While reviewing the departments current fleet of SCBA a number of concerns were noted.

- The department is currently operating three editions of NFPA SCBA which are:
97 Edition, 2002 Edition and M7 2007 Edition SCBA.
- The individual SCBA are in compliance with the NFPA Edition certification that they were manufactured to but are not compatible with each other in respect to the NFPA Edition or HUD (Heads UP) operation.
- The 2002 Edition and 2007 Edition SCBA are approved for, and must be used with a HUD system. This represents 50% of the departments SCBA. The assigned masks may or may not have a HUD mounting bracket installed. If the mask does have a bracket installed it may not be compatible with the SCBA that the individual uses to respond to the fire scene.

In order to ensure that the personnel responding to a call are working with safe and consistently compatible equipment SPI suggested that the SCBA be upgraded to the same and current NFPA 2013 Edition.

This was recommended based on the fact that upgrade of any of the existing SCBA to the current NFPA edition is not possible. Upgrade of the 2002 Edition unit and the 1997 Edition units to 2007 Edition is not feasible due to cost of upgrade versus purchase of current 2013 Edition SCBA.

SPI will be most happy to answer any questions you may have regarding these recommendations. Aaron Cater will follow up with you to provide some assistance or answer any questions you may have.

Best regards.

Greg Harris
705-690-1506
SPI Health and Safety
Sudbury ON

Think prevention.

SPI HEALTH AND SAFETY INC.
60 Gaston-Dumoulin, Blainville, Quebec J7C 0A3 Canada
T 450-420-2012 F 450-420-2026
spi-s.com



Posi3 USB Test Results Complete SCBA Test

8/24/2017 8:56:02 AM

MSA
MMR/Firehawk 2216
S/N: B

SUNDRIDGE-STRONG FIRE DEPARTMENT

Posi3 USB serial # L02058 - Calibration was up to date when the test was performed

Auxiliary IDs

Facepiece	
Second Stage	MW094196
First Stage/Reducer	EW094143
Low Pressure Alarm	
Cyl Connector	
Airline Attachment	
Harness	

Visual Inspection

Facepiece	Pass
Backframe/Harness	Pass
Cylinder	Pass
Low Pressure Warning	Pass
Hoses	Pass
Manifold Volume: 0.198	

Functional Tests

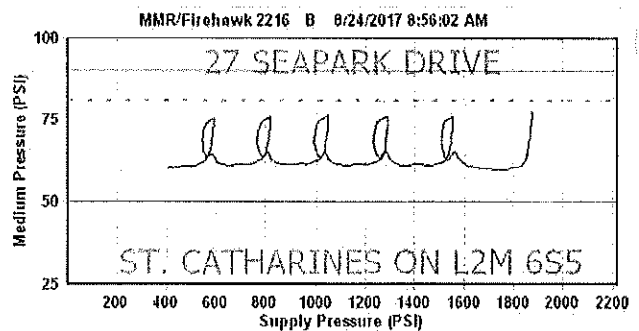
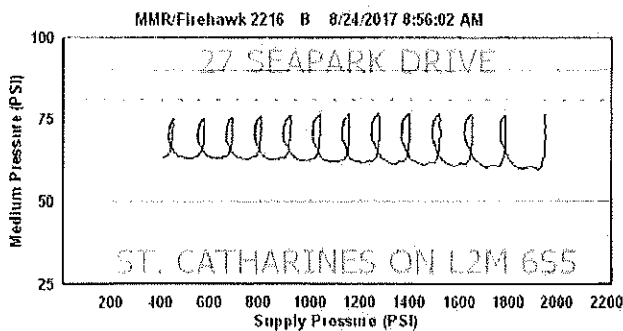
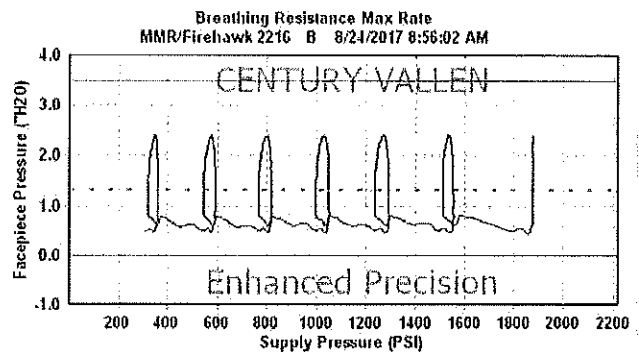
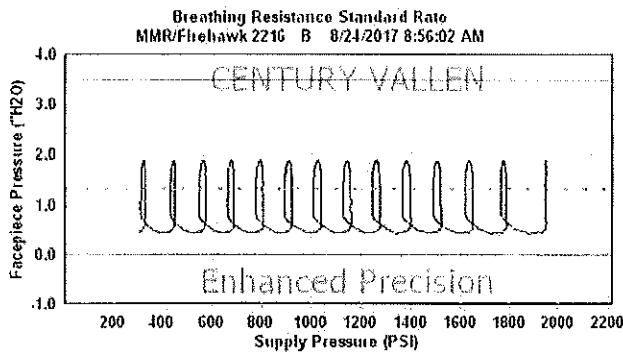
Exhalation Pressure	Pass	1.6	"H2O
Facepiece Leakage	Pass	0.1	"H2O
Static Facepiece Pressure	Pass	1.3	"H2O
Static Medium Pressure	Pass	80.7	PSI
Medium Pressure Creep	Pass	3.5	PSI
1st Breath Activation	Pass	-4.1	"H2O
High Pressure Leakage	Pass	2	PSI
Bypass Pressure	Pass		

Alarm Activation Pressure

MMR 2216 Bell	Pass	537	PSI
Ringdown	Pass	87	PSI

Gauge Accuracy

2216 PSI Numbers	Pass		
500 ±150	Pass	530	
1000 ±150	Pass	1004	
1500 ±150	Pass	1470	



Minimum	Maximum	Minimum	Maximum	Breathing Results	Minimum	Maximum	Minimum	Maximum
0.4	"H2O 1.9	0.4	"H2O 2.4	Facepiece Pressure	0.4	"H2O 2.4	"H2O	Pass
59.6	PSI 76.8	59.6	PSI 77.3	Medium Pressure	59.6	PSI 77.3	PSI	Pass

8/24/2017: The HUD test was not performed. The HUD test is required for NFPA 2002 compliance or newer.

Tested by : Will McPherson
CenturyValien
27 Seapark Dr. St. Catharines, ON

DRAFT Revised SSFD 2018 Budget

Option 1

Attachment #2 to 2018-001

		2014	2016	2017	2017	2018	
		Budget	Budget	Budget	Actual	Budget	
					Dec		
Revenues							
Account Number	Account Description						
G-250-085-0833	Joly Twp Fire calls	8,000.00	10,000.00	10,000.00		9,100.00	
G-250-085-0929	FIRE-JOLY TWP FIRE SERVICES	8,550.00	9,150.00	9,400.00	9,400.00	9,400.00	
G-250-087-0830	FIRE DONATION	4,000.00	1,500.00	700.00	100.00	500.00	
G-250-087-0831	MTO FIRE CALLS	9,000.00	8,000.00	10,000.00	6,891.75	10,000.00	
G-250-087-0832	Fire MISC revenue.		-	-	140.00		
G-250-087-0833	FIRE-FEE FOR SERVICE	500.00	500.00	1,000.00	479.59	1,000.00	
G-250-087-0836	Sale of Surplus Fire Equip		-	-	5,471.89		
G-250-087-0837	FIREMAN'S ASSOC.-DONATION		-	-	1,585.00	10,000.00	5000 donation 5000 in kind
G-250-087-0937	SM.ALARMS PURCHASED BY OTHERS		-	-		20,000.00	20000 in camera
		30,050.00	29,150.00	31,100.00	24,068.23	60,000.00	
Expenditures							
							increase due to Bill 148 @ 18,662.00 , increase due to changing MCSCS @ 24,000 more training required, more mandatory meetings, included here are savings by not hiring a part-time Fire Inspector
G-250-121-1110	Fire - SALARIES AND WAGES	120,000.00	118,000.00	103,437.00	104,663.87	150,000.00	
G-250-121-1210	Fire - EMPLOYER COSTS	24,000.00	27,000.00	25,859.25	13,411.86	29,000.00	
G-250-121-1410	Fire - DISTRIBUTED WAGES	800.00	275.00				
G-250-121-1420	Fire - DISTRIBUTED OVERHEAD	160.00	160.00				
G-250-121-1430	Fire - RECOVERABLE VEHICLE EXPENSE	100.00	100.00				
G-250-121-1440	Fire - MATERIALS & SUPPLIES	20,000.00	14,000.00	11,000.00	15,197.42	16,000.00	
G-250-121-1450	Fire - CONTRACTED SERVICES	11,000.00	14,000.00	15,000.00	11,462.32	38,000.00	SCBA cylinder hydrostatic testing, training program, changes from MCSCS @ 23,000
G-250-121-1510	Fire - STATIONERY & SUPPLIES	600.00	1,200.00	800.00	1,251.65	800.00	
G-250-121-1511	Fire - OFFICE EQUIPMENT	500.00	2,500.00	3,500.00	3,733.64	1,500.00	
G-250-121-1515	Fire - POSTAGE	200.00	100.00	50.00	7.66	50.00	
G-250-121-1516	Fire - PHOTOCOPIES	100.00	100.00	100.00		100.00	
G-250-121-1521	Fire - SECRETARY FEE		525.00	525.00	450.00	525.00	
G-250-121-1525	Fire - HYDRO	2,700.00	2,500.00	2,700.00	2,748.02	3,000.00	
G-250-121-1530	Fire - HEAT	3,300.00	2,500.00	2,500.00	1,700.36	3,000.00	
G-250-121-1535	Fire - TELEPHONE and Internet	4,000.00	3,000.00	5,000.00	3,183.65	6,000.00	2017 Internet and phones were 5000
G-250-121-1536	Fire - ANSWERING SERVICE	2,000.00	2,500.00	2,500.00	2,583.78	2,640.00	
G-250-121-1539	Fire - ALARM SYSTEM	300.00	300.00	300.00	295.78	300.00	
G-250-121-1540	Fire - TRAVEL	200.00	500.00	1,500.00	2,853.29	2,100.00	
G-250-121-1545	Fire - MEMBERSHIP FEES	350.00	350.00	700.00	388.15	700.00	O AFC is 280 per person, Mutual Aid is @ 100, FP 150 only was 10,000 in 2017 due to 1/2 year had discussed 20,000, new mandatory requirements, succession planning
G-250-121-1546	Fire - TRAINING COURSES	6,000.00	5,000.00	10,000.00	4,887.84	30,000.00	
G-250-121-1547	Fire - DRIVERS ABSTRACTS-FF	350.00	300.00	300.00	161.00	1,000.00	starting 2018 medical and driving test when licence renewal
G-250-121-1550	Fire - ADVERTISING	500.00	300.00	300.00	550.32	500.00	
G-250-121-1554	Fire - MEDICALS & NEEDLES-FIREMEN	450.00	250.00	250.00	545.00	750.00	starting 2018 medical and driving test when licence renewal
G-250-121-1556	Fire - ADMINISTRATIVE EXPENSES	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	
G-250-121-1564	Fire - FIRE PREVENTION EXPENSES	10,500.00	9,100.00	6,000.00	713.64	1,000.00	
G-250-121-1610	Fire - AUDIT & LEGAL	3,102.00	2,500.00	2,100.00	1,506.05	2,100.00	

DRAFT Revised SSFD 2018 Budget

Option 1

		2014	2016	2017	2017	2018	
		Budget	Budget	Budget	Actual	Budget	
G-250-121-1615	Fire - INSURANCE	18,296.24	19,369.72	18,968.00	18,968.12	19,000.00	
							currently have SCBA that do not conform to a complete standard, as well parts are no longer available for certain model years, currently have 3 members bunker gear that do not meet regulation SCBA (120,000); Bunker Gear (15,000); Rescue 2 (130,000); PPE (5,000); Computer software (10,000)
G-250-121-1635	Fire - FIRE DEPT CAPITAL EXPENDITURES	11,518.38	413,734.00	443,030.00	429,624.73	280,000.00	items required to maintain the building and increase operational readiness will be deferred to 2019
G-250-121-1715	Fire - REPAIRS & MAINTENANCE	4,000.00	6,000.00	6,000.00	7,505.73	8,235.00	
G-250-121-1720	Fire - LICENSES	1,200.00	1,200.00	1,011.00	1,011.00	1,100.00	
G-250-121-1725	Fire - COMMUNICATIONS EQUIPMENT	3,300.00	2,500.00	2,500.00	4,312.18	8,500.00	mobile radio for Rescue Trailer, 4 instrinsically safe radios, networking
G-250-121-1800	Fire - FIRE ALARM PROGRAM	100.00	100.00	100.00		100.00	
G-250-F01-1440	Fire - MATERIALS AND SUPPLIES	1,500.00	1,000.00	1,000.00	7,189.36	7,000.00	Items required such as new nozzles, hose, hand tools will be deferred to 2019
G-250-F01-1710	Fire - FUEL	6,100.00	7,000.00	7,000.00	5,002.76	8,000.00	
G-250-F01-1715	Fire - REPAIRS & MAINTENANCE	10,000.00	12,000.00	25,000.00	25,199.01	20,000.00	refurbishment of Rescue 1 and Tanker 1 will be deferred to 2019
		270,226.62	672,963.72	702,030.25	671,096.09	644,000.00	
	Net Fire Dept Costs	240,176.62	643,813.72	670,930.25	647,027.86	584,000.00	
	Sundridge Share	120,088.31	321,906.86	335,465.13	323,513.93	292,000.00	
	Strong Share	120,088.31	321,906.86	335,465.13	323,513.93	292,000.00	

Approximate change in the 2018 budget due to government changes \$78,900

DRAFT Revised SSFD 2018 Budget

Attachment #3 to 2018-001

Option 2

		2017	2017	2018 Initial	2018 as
		Budget	Actual	Passed by	requested
			Dec	Fire Board	by Strong
					Twp
					Budget
Revenues					
Account Number	Account Description				
G-250-085-0833	Joly Twp Fire calls	10,000.00		9,100.00	9,100.00
G-250-085-0929	FIRE-JOLY TWP FIRE SERVICES	9,400.00	9,400.00	9,400.00	9,400.00
G-250-087-0830	FIRE DONATION	700.00	100.00	500.00	500.00
G-250-087-0831	MTO FIRE CALLS	10,000.00	6,891.75	10,000.00	10,000.00
G-250-087-0832	Fire MISC revenue.	-	140.00		
G-250-087-0833	FIRE-FEE FOR SERVICE	1,000.00	479.59	1,000.00	1,000.00
G-250-087-0836	Sale of Surplus Fire Equip	-	5,471.89		
G-250-087-0837	FIREMAN'S ASSOC.-DONATION	-	1,585.00		
G-250-087-0937	SM.ALARMS PURCHASED BY OTHERS	-			
		31,100.00	24,068.23	30,000.00	30,000.00

Expenditures

G-250-121-1110	Fire - SALARIES AND WAGES	103,437.00	104,663.87	150,000.00	150,000.00	increase due to Bill 148 @ 18,662.00 , increase due to changing MCSCS @ 24,000 as more training meetings are required 3 - 4 a month from 2, more weekend training, not included here are costs for required Fire Inspections
G-250-121-1210	Fire - EMPLOYER COSTS	25,859.25	13,411.86	29,000.00	29,000.00	
G-250-121-1410	Fire - DISTRIBUTED WAGES					
G-250-121-1420	Fire - DISTRIBUTED OVERHEAD					
G-250-121-1430	Fire - RECOVERABLE VEHICLE EXPENSE					
G-250-121-1440	Fire - MATERIALS & SUPPLIES	11,000.00	15,197.42	16,000.00	16,000.00	
G-250-121-1450	Fire - CONTRACTED SERVICES	15,000.00	11,462.32	45,000.00	15,000.00	up to an additional 23,000 is required here to meet coming required training regulations
G-250-121-1510	Fire - STATIONERY & SUPPLIES	800.00	1,251.65	1,000.00	800.00	
G-250-121-1511	Fire - OFFICE EQUIPMENT	3,500.00	3,733.64	2,000.00	1,500.00	
G-250-121-1515	Fire - POSTAGE	50.00	7.66	50.00	50.00	
G-250-121-1516	Fire - PHOTOCOPIES	100.00		100.00	100.00	
G-250-121-1521	Fire - SECRETARY FEE	525.00	450.00	525.00	525.00	
G-250-121-1525	Fire - HYDRO	2,700.00	2,748.02	3,000.00	3,000.00	
G-250-121-1530	Fire - HEAT	2,500.00	1,700.36	3,000.00	3,000.00	
G-250-121-1535	Fire - TELEPHONE and Internet	5,000.00	3,183.65	10,000.00	6,000.00	
G-250-121-1536	Fire - ANSWERING SERVICE	2,500.00	2,583.78	2,640.00	2,640.00	
G-250-121-1539	Fire - ALARM SYSTEM	300.00	295.78	300.00	300.00	
G-250-121-1540	Fire - TRAVEL	1,500.00	2,853.29	3,000.00	2,100.00	
G-250-121-1545	Fire - MEMBERSHIP FEES	700.00	388.15	1,000.00	700.00	

DRAFT Revised SSFD 2018 Budget

Option 2

		2017 Budget	2017 Actual	2018 Initial Passed by Fire Board	2018 as requested by Strong Twp Budget	
G-250-121-1546	Fire - TRAINING COURSES	10,000.00	4,887.84	30,000.00	10,000.00	require up to an additional 20,000 to meet upcoming training regulations and succession planning
G-250-121-1547	Fire - DRIVERS ABSTRACTS-FF	300.00	161.00	1,000.00	1,000.00	
G-250-121-1550	Fire - ADVERTISING	300.00	550.32	500.00	500.00	
G-250-121-1554	Fire - MEDICALS & NEEDLES-FIREMEN	250.00	545.00	750.00	750.00	
G-250-121-1556	Fire - ADMINISTRATIVE EXPENSES	3,000.00	3,000.00	3,000.00	3,000.00	
G-250-121-1564	Fire - FIRE PREVENTION EXPENSES	6,000.00	713.64	9,500.00	1,000.00	
G-250-121-1610	Fire - AUDIT & LEGAL	2,100.00	1,506.05	2,100.00	2,100.00	
G-250-121-1615	Fire - INSURANCE	18,968.00	18,968.12	19,000.00	19,000.00	
G-250-121-1635	Fire - FIRE DEPT CAPITAL EXPENDITURES	443,030.00	429,624.73	340,000.00	200,000.00	require up to an additional 80,000 currently have SCBA that do not conform to a complete standard, as well parts are no longer available for certain model years, currently have 3 members bunker gear that do not meet regulation SCBA (120,000); Bunker Gear (15,000); Rescue 2 (130,000); PPE (5,000); Computer software (10,000)
G-250-121-1715	Fire - REPAIRS & MAINTENANCE	6,000.00	7,505.73	60,000.00	8,235.00	items required to maintain the building and increase operational readiness will be deferred to 2019
G-250-121-1720	Fire - LICENSES	1,011.00	1,011.00	1,100.00	1,100.00	
G-250-121-1725	Fire - COMMUNICATIONS EQUIPMENT	2,500.00	4,312.18	10,000.00	2,500.00	require up to an additional 6,000 to complete transition to every firefighter issued a radio for receiving call out
G-250-121-1800	Fire - FIRE ALARM PROGRAM	100.00		500.00	100.00	
G-250-F01-1440	Fire - MATERIALS AND SUPPLIES	1,000.00	7,189.36	37,500.00	7,000.00	Items required such as new nozzles, hose, hand tools will be deferred to 2019
G-250-F01-1710	Fire - FUEL	7,000.00	5,002.76	8,000.00	8,000.00	
G-250-F01-1715	Fire - REPAIRS & MAINTENANCE	25,000.00	25,199.01	40,000.00	20,000.00	refurbishment of Rescue 1 and Tanker 1 will be deferred to 2019
		702,030.25	671,096.09	829,565.00	515,000.00	
	Net Fire Dept Costs	670,930.25	647,027.86	799,565.00	485,000.00	
	Sundridge Share	335,465.13	323,513.93	399,782.50	242,500.00	
	Strong Share	335,465.13	323,513.93	399,782.50	242,500.00	
						Approximate change in the 2018 budget due to government changes \$78,900