

AGENDA
FIRE & EMERGENCY SERVICES COMMITTEE

Monday, 09 September 2019
7p.m. Council Chambers

Page

1. Call to Order
2. Introduction of REMO Coordinator – Angela Hanhoeffer
3. Approval of Agenda (as circulated)
4. Approval of Minutes of July 8th, 2019 (as circulated)
5. Approval of Minutes of Special Meeting of August 15th, 2019 (as circulated)
6. Business Arising from Minutes & Unfinished Business
 - 6.1 Fire Department General/Liability Insurance2-8
 - 6.2 Firefighter Personnel Insurance – Update
 - 6.3 Recruitment & Retention Strategy
 - 6.4 Terms of Reference – Nomination Process Review 9
 - 6.5 Pump Test Pit..... 10-19
7. New Business
 - 7.1 Fire Services Coordinator Annual Update20-31
8. In Camera (if required)
9. Next Meeting – Monday, November 18th, 2019
Note: Tentative date for Follow-up Workshop – Thursday, October 10th, 2019 at 5 p.m.
10. Adjournment



Municipality of the District of Lunenburg

Fire & Emergency Services

MEMORANDUM

Date: September 9, 2019

To: Chair and Fire Service & Emergency Services Committee (FESC)

From: Chris Kennedy, Fire & Emergency Services Coordinator

Subject: **Award of Group Fire Department General / Liability Insurance Program**

A special meeting of fire departments was held after the regular meeting of the Lunenburg Fire and Emergency Services (LRFES) at the Hebbleville Fire Station on August 15, 2019 at 2000hrs. The purpose for this special meeting was to review the results of the joint municipal General Insurance and Liability RFP. The joint procurement was led by the Municipal Joint Service Board (MJSB). Insurance for municipal units had not been reviewed for many years and a joint call for proposals was used to maximize competitive pricing.

Two bids were received, and the proposal by BFL Canada offered significant premium savings for equal or expanded coverage. Through further negotiations with Edmund Nix of BFL Canada and discussion at the FESC Committee, a revised general insurance and liability program was presented to the fire departments. The FESC recommended Option 2 which included savings of over \$16,000.00 and several enhancements above current coverages.

There were twenty departments present out of the possible twenty-four departments and the two fire commissions that could have attended the special meeting. The following motion was made and unanimously passed by those in attendance:

Moved by Chief Ed Arab, seconded by Chief Corey Zinck that the representatives of the Fire Departments of the Municipality of the District of Lunenburg accept the recommendation of the Fire & Emergency Services Committee to proceed with Option 2 for Fire Department General / Liability Insurance, as presented and discussed at the Special Meeting of the FESC held at Hebbleville Fire Hall on Thursday August 15, 2019, and further to accept the proposed insurance grants distribution so that no department pays more, in this fiscal year (2019/2020), as a result of accepting Option 2.

A motion is in required from the FESC requesting Council to approve moving to BFL Canada from our current provider of the Fire Department group policy.

“that the FESC recommends to Council that Municipal Council approve BFL Canada as the New Insurance Provider for the Group Fire Department General / Liability Insurance Program as outlined in Option 2 of their proposal; and further, that Municipal Council adopt the revised insurance grant distribution so that no department pays more in net premiums in this fiscal year (2019/2020).

Chris Kennedy
Fire Service Coordinator



Municipality of the District of Lunenburg

Fire & Emergency Services

MEMORANDUM

Date: August 6, 2019

To: Fire Chief's & Lunenburg Regional Fire & Emergency Services (LRFES)

From: Chris Kennedy, Fire & Emergency Services Coordinator

Subject: Request from FESC Regarding Group Insurance Proposal from BFL Canada

As you all know the Fire & Emergency Services Committee's (FESC) Insurance Subcommittee has been working on insurance for a group personnel policy. During this process the Municipal Joint Services Board issued a Request for Proposals (RFP) for insurance on General Insurance and Liability. Two companies responded to the RFP, and BFL Canada's proposal was rated as the best value, based on their stronger qualitative evaluation and better pricing.

The RFP used a much higher deductible that would have made claims for many departments very challenging financially. In discussion with Ed Nix of BFL Canada, who has extensive knowledge of our fire services, the FESC reviewed three insurance program options to compare insurance costs with different deductibles. The FESC recommends option 2 because it:

- was closest to our present policy's deductibles,
- will result in cost savings; and
- includes other benefits not presently in our group policy.

Appendix "B" of this memo is an executive summary from BFL Canada on coverages included in Option 2. There was a good discussion and comments on the proposals, and the committee was supportive of the significant savings and coverage improvements using the option 2 proposal versus the other two options.

Due to the way the insurance industry standards and premiums are formulated, eight departments saw an increase in premiums in Option 2. The committee agreed that no single department should see an increase in their premiums going to a new insurance provider. In further discussion, FESC members directed MODL staff to look at the present insurance grant amount and formulate a plan to address this issue, so **no single department would pay more.**

The insurance cost summary (Appendix A) shows the current insurance premiums and compares them with the proposed Option 2 insurance program with a revised insurance grant. As directed, the proposed insurance program provides improved coverage, overall savings for the fire service on premiums, and no department will pay more for insurance.

Appendix A – Cost Comparison – Current vs. Proposed

MUNICIPALITY OF THE DISTRICT OF LUNENBURG - FIRE DEPARTMENTS
INSURANCE COMPARISON

Fire Department	Fiscal 18/19 Premium	Existing Grant	Net insurance Premium (18/19)	Option 2 Premium (\$2500 deductible)	Proposed Grant	Net Insurance Premium (proposed, Option 2)	Savings
Big Tancook	5,246	1,184	4,062	5,709	1,647	4,062	0
Blockhouse	10,604	2,394	8,210	9,201	2,096	7,105	1,105
Conquerall Bank	9,659	2,181	7,478	9,004	2,051	6,953	526
Cornwall	7,314	1,651	5,663	7,004	1,596	5,408	254
Dayspring	11,394	2,572	8,822	9,700	2,210	7,490	1,332
District 1 & 2	1,654	373	1,281	1,840	559	1,281	0
Hebb's Cross	8,364	1,888	6,476	8,245	1,878	6,367	109
Hebbville	9,595	2,166	7,429	8,092	1,843	6,249	1,180
Hemford	8,275	1,868	6,407	7,723	1,759	5,964	443
Indian Point	4,046	913	3,133	5,736	2,603	3,133	0
Italy Cross	7,518	1,697	5,821	9,416	3,595	5,821	0
LaHave	11,173	2,522	8,651	10,102	2,301	7,801	850
Laplant	6,073	1,371	4,702	6,268	1,566	4,702	0
Maders Cove	1,430	323	1,107	1,818	711	1,107	0
Martins River	9,531	2,152	7,379	8,861	2,019	6,842	537
Midville	7,617	1,720	5,897	7,204	1,641	5,563	335
New Germany	14,085	3,180	10,905	12,706	2,895	9,811	1,094
Northfield	13,654	3,082	10,572	10,706	2,439	8,267	2,305
Oakhill	13,743	3,103	10,640	12,076	2,751	9,325	1,316
Petite Riviere	10,515	2,374	8,141	8,292	1,889	6,403	1,738
Pleasantville	10,563	2,385	8,178	8,420	1,918	6,502	1,677
Riverport	10,933	2,468	8,465	9,629	2,194	7,435	1,029
Tri-District	17,927	4,047	13,880	15,863	3,614	12,249	1,631
United Communities	7,733	1,746	5,987	8,069	2,082	5,987	0
Walden	5,425	1,225	4,200	4,989	1,137	3,852	348
Wileville	6,270	1,415	4,855	6,860	2,005	4,855	0
Total	230,341	52,000	178,341	213,533	53,000	160,533	17,808

Appendix “B” Executive Summary BFL Coverage



July 22, 2019

District of Lunenburg Fire Commissions and Fire Departments
Program Summary with two alternative options and comparative summary to the current insurance program with Cowan.

RFP Specifications as submitted by BFL – Option 3 on the comparative premium summary

Coverage Values/Limits

\$25,000,000 Auto, General Liability, Errors and Omissions Liability
\$25,000,000 Non Owned Automobile Liability
\$5,000,000 Environmental Liability
\$1,000,000 Forest Fire Fighting Expense
\$250,000 Legal Expense
\$500,000 Wrongful Dismissal Legal Expense
\$500,000 Legal Liability for Damage to Hired Automobiles
\$1,000,000 Employee Dishonesty
\$1,000,000 Depositors Forgery
\$200,000 Inside/Outside Robbery and Holdup
\$200,000 Computer and Funds Transfer Fraud
\$200,000 Audit Expenses
\$100,000 Social Engineering
Replacement Cost on Truck – no limit on age

Vehicle lists as provided and updated July 2019. **All vehicles** carry All Perils (Collision and Comprehensive combined)

Buildings and Equipment lists as provided. All locations on Broad Form coverage, Replacement Cost, including Flood, Earthquake and Sewer Backup. Equipment breakdown is included. Same as Cowan.

Deductibles (RFP response)

General Liability - \$10,000
Environmental Liability - \$5,000
Errors and Omissions Liability - \$5,000
Legal Expense - \$0 – nil
Wrongful Dismissal - \$5,000
Crime Coverages - \$0 – nil except Social Engineering Fraud is \$25,000
Trucks – All - \$2,500 regardless of size/value
Property - \$10,000

Flood - \$50,000
Earthquake – 3% or \$100,000 whichever is greater



Option 1 on Comparative Premium Summary

The following are the variances from the RFP standard (Option 3)

- Property deductible reduced from \$10,000 to \$5,000
- General Liability deductible reduced \$10,000 to \$5,000

No other changes were made to the core RFP standard coverages/limits/deductibles

Option 2 on the Comparative Premium Summary

The following are the variances from the RFP standard (Option 3)

- Property deductible reduced to \$10,000 to \$2,500
- General Liability deductible reduced from \$10,000 to \$5,000

No other changes were made to the core RFP standard coverages/limits/deductibles

Existing Cowan (2018 Renewal) v BFL Program variances (RFP responses to Cowan Program) – only differences/variances are provided for here

- BFL \$25M limits for Auto, General Liability, Errors and Omissions v \$10M for Cowan
- BFL \$100,000 Social Engineering Fraud v \$0 for Cowan
- BFL \$1M Forest Fire Fighting Expense v \$2M Cowan
- BFL \$200,000 Inside/Outside Robbery v \$1M Cowan
- BFL \$1M Depositors Forgery v \$250,000 Cowan
- BFL – Unlimited replacement cost on trucks (no age cap) v Cowan 25 years
- BFL Truck Deductibles - \$2,500 on ALL trucks regardless of size/value v Cowan is \$1,000 for light, \$2,500 medium, \$5,000 and \$10,000 on heavy/high value trucks.
- BFL provides All Perils on ALL trucks, Cowan has 4 units with no Physical Damage Coverage

Based on the deductible option selected for the property, the deductibles will vary when comparing Cowan to BFL. For example – if Option 2 is selected with the \$2,500 deductible, that compares favourably with Cowan who has a \$1,000 or \$2,500 deductible.

Deductibles on the trucks vary, with BFL’s standard \$2,500 deductible, a significant number of trucks in the fleet would see a reduced deductible from \$10,000 or \$5,000 with Cowan to BFL’s \$2,500.

**Appendix B - Summary of Coverages from BFL Canada
Included in Option 2**

Department/Commission	Option 1 - \$5000 deductible	Option 2 - \$2500 deductible	Option 3 - \$10,000 deductible	Current Premium	Comparison vs Option 1	Comparison vs Option 2
Big Tancook	\$5,685	\$5,709	\$5,163	\$5,246	439.00	463.00
Blockhouse	\$8,983	\$9,201	\$8,210	\$10,604	-1,621.00	-1,403.00
Conquerrall Bank	\$8,701	\$9,004	\$7,829	\$9,659	-958.00	-655.00
Cornwall	\$6,891	\$7,004	\$6,269	\$7,314	-423.00	-310.00
Dayspring	\$9,501	\$9,700	\$8,779	\$11,394	-1,893.00	-1,694.00
District 1 & 2	\$1,835	\$1,840	\$1,612	\$1,654	181.00	186.00
Hebb's Cross	\$8,063	\$8,245	\$7,341	\$8,364	-301.00	-119.00
Hebville	\$7,876	\$8,092	\$7,154	\$9,595	-1,719.00	-1,503.00
Hemford	\$7,543	\$7,723	\$6,821	\$8,275	-732.00	-552.00
Indian Point	\$5,649	\$5,736	\$5,077	\$4,046	1,603.00	1,690.00
Italy Cross	\$9,078	\$9,416	\$8,256	\$7,518	1,560.00	1,898.00
LaHave	\$9,815	\$10,102	\$8,993	\$11,173	-1,358.00	-1,071.00
Lapland	\$6,178	\$6,268	\$5,606	\$6,073	105.00	195.00
Maders Cove	\$1,814	\$1,818	\$1,591	\$1,430	384.00	388.00
Martins River	\$8,669	\$8,861	\$7,947	\$9,531	-862.00	-670.00
Midville	\$7,073	\$7,204	\$6,451	\$7,617	-544.00	-413.00
New Germany	\$12,441	\$12,706	\$11,617	\$14,085	-1,644.00	-1,379.00
Northfield	\$10,466	\$10,706	\$9,642	\$13,654	-3,188.00	-2,948.00
Oakhill	\$11,600	\$12,076	\$10,628	\$13,743	-2,143.00	-1,667.00
Petite Riviere	\$7,876	\$8,292	\$7,286	\$10,515	-2,639.00	-2,223.00
Pleasantville	\$8,173	\$8,420	\$7,351	\$10,563	-2,390.00	-2,143.00
Riverport	\$9,412	\$9,629	\$8,690	\$10,933	-1,521.00	-1,304.00
Tri-District	\$15,406	\$15,863	\$14,483	\$17,927	-2,521.00	-2,064.00
United Communities	\$7,856	\$8,069	\$7,084	\$7,733	123.00	336.00
Walden	\$4,925	\$4,989	\$4,403	\$5,425	-500.00	-436.00
Wileville	\$6,714	\$6,860	\$5,992	\$6,270	444.00	590.00
	\$208,223	\$213,533	\$190,275	\$230,341	-22,118.00	-16,808.00
				Average Savings	-850.69	-646.46
				Maximum Savings	-3,188.00	-2,948.00
				Maximum Extra	1,603.00	1,898.00
If XS Removed (Per Dept)	Commission	FD	Total			
	-\$172	-\$381	\$10,000			

6. Nominations for Committee Members at the Annual General Meeting [Amended Sept 25, 2018]

- 6.1. Nominations can be submitted *in the following ways:* ~~to the Fire Service Coordinator seven days prior to the final Agenda package going out to the fire services via email. Those names can be brought forward in writing, by ballot or verbally from the floor when nominations are asked for then read off.~~
 - 6.1.1. **In writing** to the fire Service Coordinator seven days prior to the **meeting date;**
 - 6.1.2. **Currently serving members of the committee may be included in the re-election by advising of their intention to the fire services coordinator, in writing seven days prior to the meeting date; or** ~~Final Agenda package going out to the fire services via email.~~
 - 6.1.3. ~~Those names can also be brought forward in writing or, by ballot or Verbally from the floor when nominations are asked for. Then read off~~ **The person must be present at the meeting to accept the nomination or provide written confirmation from the person if not present accepting the nomination.**
 - 6.1.4. **A report with any names received prior to the meeting night will be presented by the Fire Service Coordinator at the AGM prior to the voting process.**
- 6.2. Members who let their name stand will be included in the voting process
- 6.3. Voting will be done by way of ballot, one vote per fire department present at the AGM.
- 6.4. If a tie occurs after three consecutive votes, those names will be put into a hat or similar vessel, the required number of names to fill the remaining committee positions will be picked by a person appointed by the Chair of the meeting.

7. Election of Chair and Vice Chair

- 7.1. The Committee will elect the Chair and Vice Chair at the first meeting following the Annual Fire Services Meeting for a term of one year. **[Amended July 22, 2014]**
- 7.2. Elections will be carried out in accordance with MDL-01 "*Council Proceedings Policy*". **[Amended Sept.25 2018]**

8. Quorum



Municipality of the District of Lunenburg

Fire & Emergency Services

MEMORANDUM

Date: September 9, 2019

To: Chair and Members of the Fire & Emergency Service Committee

From: Chris Kennedy, Fire & Emergency Services Coordinator

Subject: Fire Service Apparatus Pump Testing

RECOMMENDATION

That the Fire & Emergency Services Committee (FESC) recommends that Municipal Council provide capital funding of \$25,000.00 to the Town of Bridgewater for the fire apparatus test cistern, and further that the committee recommend that Municipal Council require proof of annual pump testing of fire apparatus as part of MODL's annual Fire and Emergency Services Provider Registration process, beginning in June of 2021.

Optional

Move that FESC request Lunenburg Regional Fire & Emergency Services (LRFES) endorse mandatory pump testing as part of MODL's Annual Fire and Emergency Services Provider Registration process.

BACKGROUND

What is Pump testing?

Fire Apparatus pump testing has been a topic amongst fire services in our county for many years and has been discussed at the County level and FESC meetings. Currently it is not a mandatory requirement for the annual registration of fire departments. Some smaller department with limited budgets mention pump testing to be a burden financially while others just don't do it for other reasons.

Prior to pump testing a certified Emergency Vehicle Technician (EVT) will do pump and related maintenance to get all pump related parts ready for the pump test. The cost of this varies depending on the work required. Typically, if an apparatus is having this done annually the cost for this maintenance reduces. The first time an apparatus has this maintenance performed that has not been maintained on an annual basis usually has a higher cost, due to wear of parts and

lack of this type of regular maintenance. Cost estimate could be \$300 to \$1000.00 or higher depending on work done. A typical pump test can run between \$300- \$500.00 on average.

In the past the Wiles Lake Depot has been used for pump testing purposes and those departments using this MODL park have signed agreements for the use of the area. (OP-16 Wile's Lake Park – Fire Department Usage) The park is shut down during these activities to limit interaction with the general public and keep them safe allowing firefighters to conduct their testing unimpeded. Although they still need to be vigilant of their surroundings and anyone who may wonder in to the park or test area. The area that is used for testing is small, and care needs to be taken when driving apparatus and setting up for the test. This is a very labour-intensive exercise getting out suction lines and putting them safely into the lake. Take off several discharge lines to an area where the testing equipment is located and when the test is done breakdown and reload the truck to ready for service. Then travel back to their respective station and repeat for the next apparatus until all have had their maintenance and pump testing completed. Water levels and debris (leaves etc.) can also affect the outcome of the test and add time to the volunteer firefighter's day. Testing at a site like Wiles Lake can easily take the best part of the day and are more time consuming than the portable or permanent tank tests. These allowing for much quicker set up and testing greatly reducing the time requirements for our volunteers. (Attachment "D")

Current Pump Testing Rates & Standards Estimates

Presently this is not a requirement of the annual registration process. There have been several discussions on why some departments do not do annual pump testing. In 2018, nine departments failed to do pump testing and they break out in the following;

Departments that had no pump testing done in 2018;

- Three to be done this year (two-year rotation)
- One missed their window last year and will be done this year. Always had annual testing done previously
- Five departments just don't do any pump testing

Note: In 2015, 7 departments hadn't done pump testing

There are 3rd party standards for pump testing. NFPA 1911 Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Emergency Vehicles states that: "Pump tests **shall** be conducted at least **annually** or whenever repairs to major components or modifications are carried out to an emergency vehicle that is used in pumping operations."

The standard goes on to say all the other requirements are checked by a certified (EVT) who will put the apparatus through the required testing. Vacuum leak test, primer operation, verify pump panel plate showing ULC certification in Canada. pump pressure, flow and time to meet the ULC rating for any given apparatus etc. Any new apparatus in Canada must meet ULC S515-13. Attachment "E"

Cistern project

- Town of Bridgewater and the Bridgewater FD is proposing an inground test cistern for performing annual pump testing.
- The total cost of the project is expected to be in the \$50,000.00 range.
- Speaking with the Fire Departments Deputy Chief who is lead on the project, they would like to have the system in and running before winter of 2019
- The funding if approved by MODL council would allow for the following
 - Would allow any MODL fire department to use the facility free of charge, if funding not approved there would be a user charge per apparatus tested
 - Cistern Maintenance would be the town of Bridgewater's responsibility
 - Allow for scheduling an EVT for multiple apparatus pump testing on a given day possibly reducing fees, dept's still pay for testing individually

DISCUSSION

At the last Lunenburg Regional Fire and Emergency Services meeting held at the Hebbville Fire station on August 15, 2019 the proposal from the Bridgewater FD and the pump testing site was discussed. (See Attachment "D") President Zink asked for a show of hands who would use this site if built and approximately 66% of those present said they would. There were twenty out of 24 departments from MODL present. Letter of support and motion attached.(Page 11)

Note; Wiles lake is still a required water source for firefighting activities and practicing using the dry-hydrant on site.

There was also discussion around implementing mandatory pump testing as part of the registration process. Again, smaller departments noted difficulties due to budgetary constraints and lower than average funding generated by their tax rates.

The purpose of pump testing is to ensure that any given apparatus meets the ULC requirements and can operate at the different pressures and flow rates with all lighting/emergency lighting operating. The annual results can be compared year to year for consistency, if any of the data shows a downward trend in any of the pumping capacities during the test this could indicate issues with the pump or associated devices. This allows apparatus to be checked by a Certified EVT who can then troubleshoot cause, correct any deficiencies and bring the truck up to the necessary requirements or recommend required action and cost of repairs. Annual pump testing shows due diligence on behalf of the fire department and these records are very important to show historical data on pump and apparatus maintenance.

Apparatus not subjected to an annual pump test are in an unknown state as to ULC requirements and if the apparatus can still meet them. Even though the pumping capacity may seem normal to operators the pump may or may not perform as required when high demands are put on them at active fire scenes. Pump failure or reduced capacity could occur leaving interior or exterior firefighters on hose lines in danger due to loss of water flow and pressure.

OPTIONS

1. MODL provide capital funding to the Town of Bridgewater, ensuring all departments have access to the testing cistern.
2. MODL provide capital funding to the Town of Bridgewater, ensuring all departments have access to the testing cistern **AND** MODL require annual pump testing as a component of department registration.
3. MODL decline to fund the cistern project; departments interested in using the facility have the option to contribute directly to capital cost (Continue with no annual pump testing requirements).

BUDGETARY IMPLICATIONS

The project was not raised by the Town Fire Department During FESC budget deliberations; there are no funds allocated in the 2019/20 budget for the project. \$25,000 would have to be sourced from MODL general budget. Alternatively, MODL could indicate to the Town that it is willing to contribute \$25,000 in 2020/21 towards the project.

CONCLUSION

Note that Pump testing is a basic part of ensuring that fire fighters are safe and can respond. Note that the facility proposed by the Town will assist in safe and efficient pump testing, and if MODL is to contribute to it, all departments should be completing annual testing.

This would ensure that pumpers meet the ULC) requirements and as stated in NFPA 1911 for pumping pressures and volume.

ATTACHMENT "A"



Pictures supplied by the Oakhill & District FD

Onsite at fire departments pump testing using porta tank(s) and Testers equipment attached to porta-tank



ATTACMENT "B"

(Pictures Supplied by Metal-Fab)

Picture 1 (All lighting also required to be on for electrical draw and alternator operation)

This was a new Tanker with a 420 IGPM two discharge lines used for enough for flow and one suction line. ULC certification done at this location with an inground cistern and one of the two discharges.



Picture 2

This shows one suction line the large dark coloured ribbed line and a second 2 ½" discharge line.



Picture 3

This shows the two gauges installed by tester in upper left corner to verify accuracy of gauges.

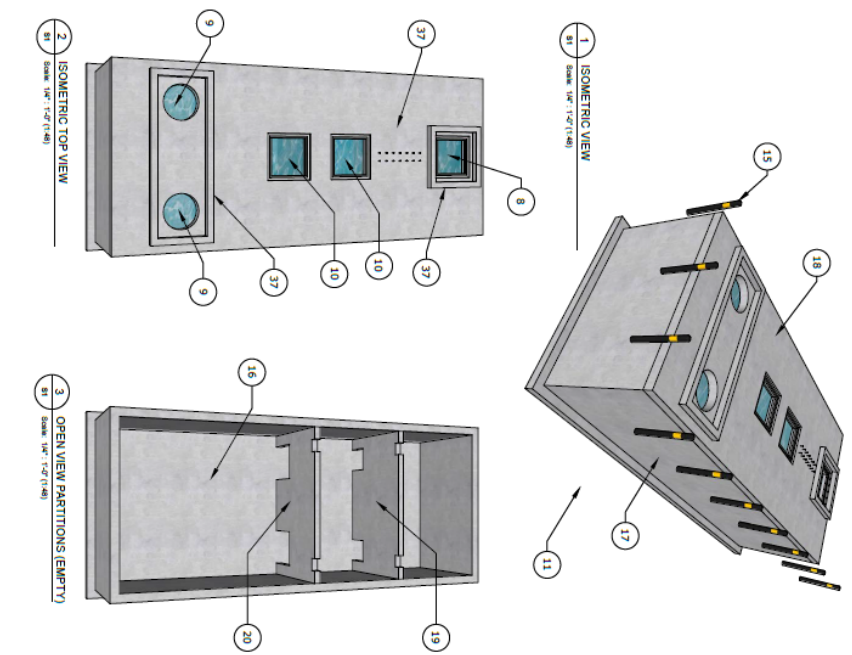


ATTACHMANE "C"

Proposed Cistern by Bridgewater FD .

NOTE: This is Engineered diagram and all contents are proprietary to the Town of Bridgewater and Bridgewater FD and can not be copied or reproduced for any purpose.

- GENERAL NOTES:**
- 1 ALL CONSTRUCTION IS TO COMPLY WITH HEALTH, SAFETY & ENVIRONMENTAL PRACTICES. TYPICAL CONSTRUCTION SHALL BE AS SHOWN.
 - 2 MINIMUM CONCRETE STRENGTH REQUIRED IS 30 MPa (4000 PSI). MAXIMUM AGGREGATE SIZE 3/4". 2" TO 4" SLUMP AND 2% - 4% AIR ENTRAINED.
 - 3 FOR ALL HORIZONTAL STEEL REINFORCEMENT, JOINTS MUST LAP BY 16" MINIMUM, INCLUDING AROUND CORNERS.
 - 4 WATER PUMP TEST PIT, RESERVOIR, IN-GROUND CONCRETE TANK, 16" MIN. X 36" LONG X 8" DEEP, SHOULD BE CONSTRUCTED WITH REINFORCED CONCRETE.
 - 5 MAXIMUM WATER STORAGE, 12'-0" X 32'-0" X 7'-0" LESS INTERIOR PARTITION VOLUMES.
 - 6 TOP LID INSULATION, AS REQUIRED BY OWNER (TO BE DETERMINED BY OTHERS).
 - 7 MAXIMUM WATER LEVEL ALLOWED IS 6" BELOW BOTTOM OF CONCRETE LID.
 - 8 DISCHARGE PORT IS 3" X 3" WITH A 6" X 6" PERIMETER CURB, WITH ENERGY ABSORBING HOOD, AND WIRE MESH SCREENING.
 - 9 SUNCTION PORTS (LOCKABLE) ARE 32" IN DIAMETER (CIRCULAR TO AVOID COVERS FALLING INTO PIT).
 - 10 INSPECTION ACCESS HATCH (LOCKABLE) OPENINGS ARE 3' X 3'.
 - 11 SUB SOIL MUST BE UNDISTURBED AND WELL DRAINED.
 - 12 ALL HATCH COVERS (LOCKABLE) FOR LID OPENINGS, BUILT AND SECURED (AS DETERMINED BY OTHERS).
 - 13 ALL HATCH COVERS (LOCKABLE) FOR LID OPENINGS, BUILT AND SECURED (AS DETERMINED BY OTHERS).
 - 14 ADJACENT TRUCK PARKING CONCRETE SLAB SHOULD BE PROVIDED.
 - 15 BOLLARDS TO BE POSITIONED AROUND TANK, AS NEEDED TO PREVENT VEHICLE TRAFFIC ON TOP LID. REMOVABLE BOLLARDS AROUND SUNCTION PORT SIDE OF TANK, AND PERMANENT BOLLARDS ELSEWHERE (AS DETERMINED BY OTHERS).
- CONCRETE NOTES:**
- 16 SLAB FLOOR, 15'-4" WIDE X 35'-4" LONG X 8" THICK STEEL REINFORCED (SEE NOTES 23, 24, 25, 26). LEVEL WITH OVER LID. HATCH, 1-1/2" CONTINUOUS POLYMER AND PERIMETER WITH WATER SEAL, GASKET, GROUT AND FINISH FLOORING.
 - 17 PERIMETER WALLS, 8" THICK STEEL REINFORCED (SEE NOTES 27, 28, 29). EXTERIOR COATED WITH FOUNDATION SEALANT. ALL JOINTS MUST BE CALKED WITH COMPATIBLE SEALANT.
 - 18 TOP LID, 14'-0" X 34'-0" LONG X 8" THICK, STEEL REINFORCED (SEE NOTE 30). LEVEL WITH SLAB FLOOR. LID IS NOT REINFORCED FOR VEHICLE TRAFFIC.
 - 19 PERIMETER WALL REINFORCED CONCRETE Baffle (SEE NOTE 31). TOP IS FLUSH WITH BOTTOM OF CONCRETE LID. PARTITION HAS TWO (2) 8" HIGH X 12" LONG OPENINGS AT THE BOTTOM, 12" FROM PERIMETER WALLS.
 - 20 PARTITION WALL, B, 8" THICK REINFORCED CONCRETE Baffle (SEE NOTE 32). TOP IS SAME ELEVATION AS WALLS. PARTITION HAS TWO (2) 8" HIGH X 12" LONG OPENINGS AT THE BOTTOM, 12" FROM PERIMETER CURBS. LOCATED AROUND SUNCTION AND DISCHARGE PORTS, 6" X 6" (SEE NOTE 38).
 - 21 OPENINGS, LEDGE-UP AROUND PERIMETER OF TOP LID OPENINGS, 2" VERTICAL, AND 4" HORIZONTAL (SEE NOTE 34).
- STEEL REINFORCEMENT NOTES:**
- 23 SLAB FLOOR (UPPER MAT): 20M REBAR AT 8" CENTRES IN 14' PIT WIDTH DIRECTION, 10M REBAR AT 18" CENTRES IN 34' PIT LENGTH DIRECTION.
 - 24 SLAB FLOOR (LOWER MAT): 10M REBAR AT 18" CENTRES, VERTICAL & HORIZONTAL.
 - 25 SLAB FLOOR (ANCHORS): 15M REBAR AT 18" CENTRES, 16" VERTICAL, 8" HORIZONTAL.
 - 26 PERIMETER WALL (INNER MAT): 15M REBAR AT 18" CENTRES, VERTICAL & HORIZONTAL.
 - 27 PERIMETER WALL (OUTER MAT): 10M REBAR AT 18" CENTRES, VERTICAL & HORIZONTAL.
 - 28 TOP LID, 2" ABOVE BOTTOM OF LID, 20M REBAR AT 8" CENTRES, 14' PIT WIDTH DIRECTION; 10M REBAR AT 18" CENTRES, IN 34' PIT LENGTH DIRECTION.
 - 29 PARTITION A: 10M REBAR AT 18" CENTRES, VERTICAL & HORIZONTAL, LOCATED IN MIDDLE OF WALL, 3" FROM ALL EDGES.
 - 30 PARTITION B: 10M REBAR AT 18" CENTRES, VERTICAL & HORIZONTAL, LOCATED IN MIDDLE OF WALL, 3" FROM ALL EDGES.
 - 31 PARTITION PINS: 15M REBAR (MINIMUM), 2" SPACING, 8" LONG WITH 4" EMBEDDED IN FLOOR AND PERIMETER WALLS (AS REQUIRED).
 - 32 OPENINGS (BORES): ENSURE REBAR EXTENDS INTO LEDGE-UP BY 2". LINE EDGE WITH 1-1/2" X 1-1/2" STAINLESS STEEL BOLTS (ADDITIONALLY, FOR ALL OPENINGS, THREE (3) LENGTHS OF 20M REBAR AT 8" CENTRES, IN 14' PIT WIDTH DIRECTION, AND 34' PIT LENGTH DIRECTION, PLACED BETWEEN EXISTING TOP LID REBAR.
 - 33 STAINLESS STEEL BOLTS EMBEDDED IN RIM OF CURBS WITH THREADS EXPOSED BY 2". TWO (2) PER SIDE OF CURB. TWO (2) ROWS OF FIVE (5) BOLTS EACH PATTERN, 8" SPACING. FOR ANCHORING BRACKET (AS DETERMINED BY OTHERS).



ATTACHMENT “D”

Provided by the Oakhill and District FD

Wiles Lake park shows limited space for apparatus on the outcrop and the hose and time required for preparation of testing.



Attachment "E" ULC Plate for Certification

	AUTOMOBILE FIRE FIGHTING APPARATUS APPAREIL DE LUTTE CONTRE L'INCENDIE	
LISTED HOMOLOGUÉ	Standard: CAN/ULC-S515-04	NO. <input type="text"/>
Vehicle identification number Numéro d'identification du véhicule	<input type="text"/>	
Water Tank Capacity Capacité du réservoir d'eau	<input type="text"/> Gal	Date: <input type="text"/>
PUMP RATING / RENDEMENT DE LA POMPE		
<input type="text"/> GPM	<input type="text"/> 150	psi @ <input type="text"/> RPM
<input type="text"/> GPM	<input type="text"/> 200	psi @ <input type="text"/> RPM
<input type="text"/> GPM	<input type="text"/> 250	psi @ <input type="text"/> RPM
	No load governed speed TPM sans charge	<input type="text"/> RPM
	HUB FIRE ENGINES & EQUIPMENT LTD. ABBOTSFORD, BRITISH COLUMBIA	

Letter of Support and Motion From LRFES



Lunenburg Regional
FES
Fire & Emergency Services

Chief Corey Zinck
President – Lunenburg Regional Fire & Emergency Services
PO Box 263
Bridgewater, NS B4V 2W9

August 22, 2019

Brian Keizer
Chief Tom Lockwood
Chief Steve Patterson
Deputy Chief Dean Schmeisser

Fire Service Members – FESC

The Lunenburg Regional Fire & Emergency Services Association (LRFES) at our meeting on August 15th, 2019 passed the following motion:

To request that MoDL cost share in the cost of the pump test tank in Bridgewater.

There was discussion held among the Departments in attendance on who would use it if it was available as well as discussion on the topic of pump testing in general.

Please let me know if there are any questions.

Yours in the Fire Service

A handwritten signature in blue ink, appearing to read "Corey Zinck", is written over the typed name and title.

Chief Corey Zinck
President – LRFES
(902) 523-0655
corey.zinck@gmail.com



Lunenburg Regional
FES
Fire & Emergency Services

Fire & Emergency Services Committee
Date: September 09, 2019
Item: 7.1
Authorization: Alex Dumaresq

2019 Fire Service Coordinators Update to Council & FESC



- ▶ Continuing to work with FD's on a regular basis
- ▶ Fire service awards since Last update 2018 10-20 yr. 4-30 yr. 2-35 yr. 2-40yr. 4-45 yr. 1-50 yr.
- ▶ Station years of service were given also 3-45yr.
- ▶ 2-50yr. 1- 60yr. 2- 70yr. 1- 75yr.
- ▶ FD members visits
- ▶ Wildland Courses
- ▶ Helped with Fit testing for SCBA Masks
- ▶ Strategic Resistance/Resilience Training
- ▶ Superior Water Shuttle



- Insurance Subcommittee working on personnel insurance (Brian Keizer, Chief Lockwood, Councilors Whynot & Bell, David Fancy)
- Consultant hired to assist with process, RFP for Broker Services Closed July 5, 2019 Two packages back from RFP on personnel insurance
- Group Fire Dept. insurance
- August 15 LRFES chiefs voted
- Filled in for REMC until replacement was hired



- ▶ 11 surplus laptops were given out to fire departments
- ▶ Replacement Naloxone kits from REMO being given out to departments
- ▶ Fire Department Coding



Information Collected From This Years Registration Packages

- **Calls up from last year at 1079 and 1264 this year**
- **Active Firefighters this year at 655 last year and 630 this Year (376 Structural)**
- **Junior Firefighters were at 51 last year and 47 this year**
- **Honorary members 171 last year to 174 this year**
- **Medical First Responders 198 last year, 189 Currently**
- **Auxiliary members were 169 last year and 185 this year**

- **The cost for firefighter personnel insurance was around \$64,000.00 this year**
- **Funds raised by departments - Previous year \$648,272.61, this year was \$648,772.00**
- **1 department no SCBA Functional checks**
- **Pump testing; Three to be done this year (two-year rotation)**
- **One missed their window last year and will be done this year.**
- **Five departments just don't do any pump testing**
- **Updated Lunenburg Fire & Emergency Equipment List**
- **Id's and accountability tags for FD's**
- **Attended Canadian Volunteer Fire Services Association Annual conference.**

Lifetime achievement

Martin Bell receives prestigious award from Canadian Volunteer Fire Services Association

BY PETER SIMPSON

At its annual conference in Halifax recently, the Canadian Volunteer Fire Services Association (CVFSA) presented its 2019 Lifetime Achievement Award to Querrall Bank resident Martin

Bell, a coveted national award that honours an individual whose exceptional and notable achievements in fire service and community leadership qualify outstanding perform-

ers for a Canada-wide selection process, through an exhaustive series of national nomination and adjudication, reviewed by a panel of submissions.



Martin Bell holds the hand-cut crystal vase he received when

those who are professional, and can contribute to the team. I have always been respectful of them," he said.

Bell said he was raised in a family whose members believed that one gives back to their community, and he learned early on that leaders must possess teaching abilities and a keen sense of humour.

He also touched on leadership, a key accountability component in the rank-structured fire service.

"Demonstrate leadership by action, and allow your team to fly. Never restrict others when they become better than you. A project was never just mine, it

standing and bridging the different ways of doing things.

"In the beginning, the older guys didn't like us younger guys especially if we told them there was a different way to tackle tasks other than the way they were already doing them," said Bell.

"It took time but I gradually learned the different language and we began to work as a team and that's when we really started to shine," he added.

Bell also acknowledged the support given him by his wife of 41 years, Cheryl, and their three grown children, Andrew and Genoa. "They supported me and all"

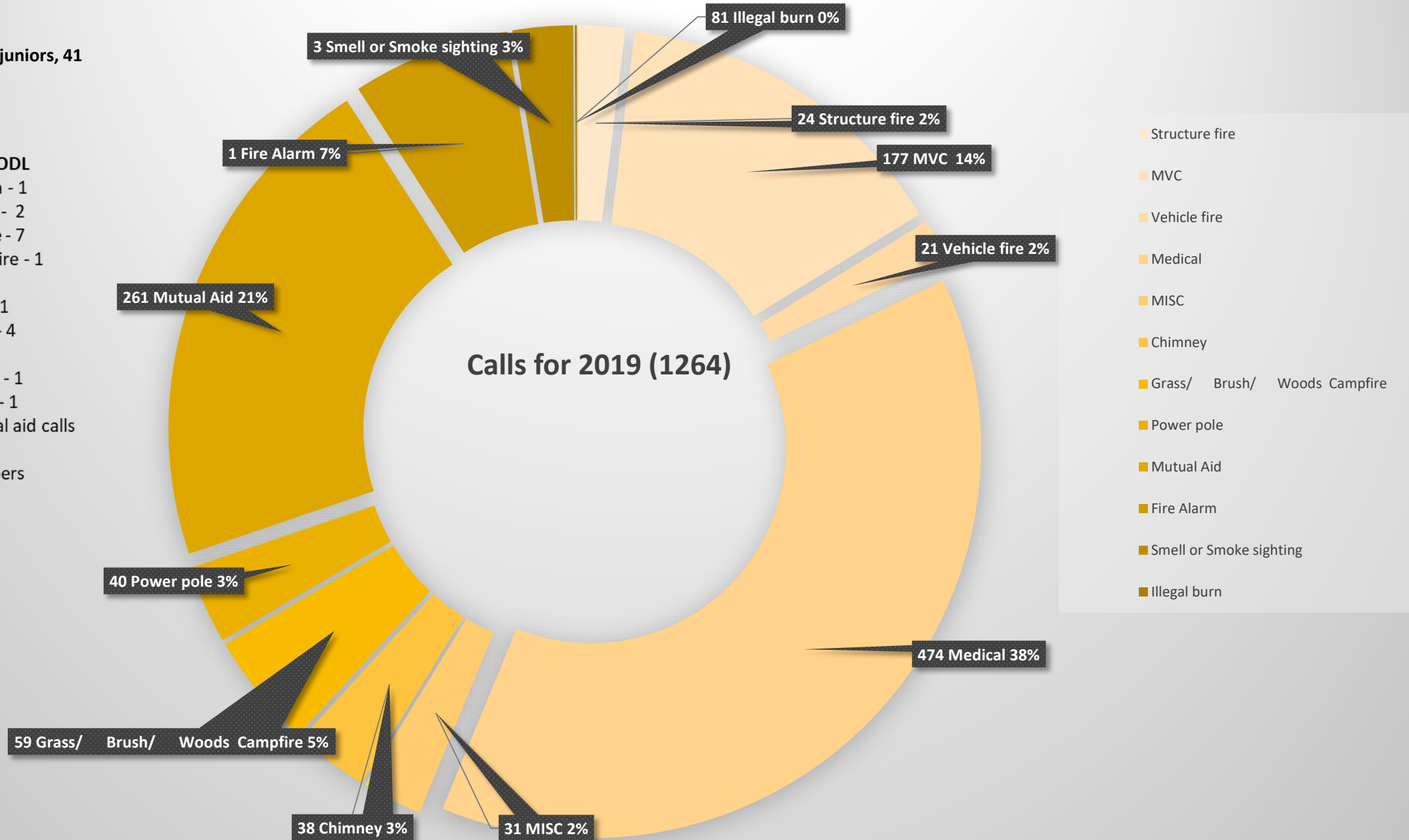
TOMB had 28 active FF, 6 Juniors , 6 Honorary

TOLB 46 Active FF, 8 juniors, 41 Honorary

BFD Mutual Aid to MODL

- Unknown - 1
- Chimney - 2
- Structure - 7
- Vehicle Fire - 1
- MVC - 23
- Landfill - 1
- Standby - 4
- Alarm - 7
- Electrical - 1
- Propane - 1
- 48 Mutual aid calls

47 members
8 juniors



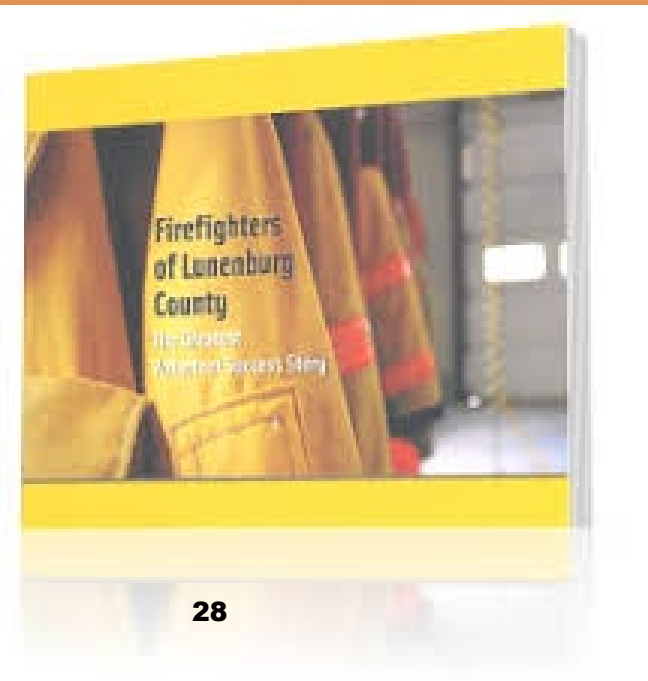


RECRUITMENT & RETENTION

▶ GREAT NEWS



- ▶ Recruitment and retention Approved and moving Along
- ▶ Close to \$60,000.00 has been approved by Modl council
- ▶ Summer Coop Student Aliyah-Myers Stein worked on project
- ▶ We gave pamphlets and talked with people at a Lunenburg farm market



Cost to Outfit a Firefighter!

Helmet	\$350
Hood	\$100
Mask	\$300
SCBA	\$7000
Coat	\$1300
Radio	\$600
Pager	\$350
Gloves	\$80
Pants	\$1000
Boots	\$350
Total	\$11,430



**Thank You for
your Continued
Support!!**



