

Loveland Fire Rescue Authority Board Meeting



Station 1

**410 E. 5th Street, EOC Conference Room,
Second Floor**

Loveland, Colorado 80537

Thursday, October 9, 2014

1:00 PM



Loveland Fire Rescue Authority (LFRA) Board Meeting Agenda

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The Loveland Fire Rescue Authority is committed to providing equal opportunity for citizens and does not discriminate on the basis of disability, race, age, color, national origin, religion, sexual orientation or gender. The Authority will make reasonable accommodations for citizens in accordance with the Americans with Disabilities Act. For more information, please contact the ADA Coordinator at bettie.greenberg@cityofloveland.org or 970-962-3319. Wireless access: COLGuest, accesswif

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

AWARDS AND PRESENTATIONS

PUBLIC COMMENT

CONSENT AGENDA

Anyone in the audience will be given time to speak to any item on the Consent Agenda. Please ask for that item to be removed from the Consent Agenda. Items pulled will be heard at the beginning of the Regular Agenda. You will be given an opportunity to speak to the item before the Board acts upon it.

Public hearings remaining on the Consent Agenda are considered to have been opened and closed, with the information furnished in connection with these items considered as the only evidence presented. Adoption of the items remaining on the Consent Agenda is considered as adoption of the staff recommendation for those items.

Anyone making a comment during any portion of today's meeting should come forward state your name and address for the record before being recognized by the Chair. Please do not interrupt other speakers. Side conversations should be moved outside the meeting room. Please limit your comments to no more than five minutes.

1. Consider the Minutes from the Loveland Fire Rescue Authority Board Meeting for the September 11, 2014.

End of Consent Agenda

REGULAR AGENDA

Anyone who wishes to address the Board on any item on this part of the agenda may do so when the Chair calls for public comment. All public hearings are conducted in accordance with Board By-Laws. When Board is considering approval, the Authority's By-laws only requires that a majority of the Board quorum be present to vote in favor of the item.

2. Update on Proposed Language for an Amendment to the Intergovernmental Agreement for the Establishment and Operation of the Loveland Fire Rescue Authority as a Separate Governmental Entity, Section 6.3.5 Fire Chief Reporting Responsibility



Loveland Fire Rescue Authority (LFRA) Board Meeting Agenda

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1:00 PM

3. Presentation of the Communications Program
4. Consider an Endorsement for Expanding the Requirements of Residential Fire Sprinklers in the City of Loveland to Include Duplexes and Townhomes
5. Report on the Fire Authority Maturation- Current and Future Issues for Consideration by the Loveland Fire Rescue Authority Board
6. Review Briefing Papers and Correspondence
 - a. Chief's Report
 - b. August Statistics
 - c. Letters
7. Board Member New Business/Feedback
8. Any Other Business for Board Consideration
 - a. Outcome of the Legal representation for other Fire Authorities Survey

ADJOURN

Agenda Item Cover

Item No.: 1

Meeting Date: October 9, 2014

Prepared By: Renee Wheeler, Public Safety Administrative Director



TITLE

Consider the Minutes from the September 11, 2014 Loveland Fire Rescue Authority (LFRA) Board Meeting

EXECUTIVE SUMMARY

The attached documents, prepared by Roylene Sterkel, is a record of the September 11, 2014 regular meeting of the LFRA Board. The documents detail the discussions at the meetings including the approval of the consent agenda (minutes, Second Quarter Budget Biz, Approval of the Mutual Aid Agreement with Larimer County agencies for Disaster Emergency Management and Funding); report on the progress of the Fire Chief selection process; a public hearing and approval of the 2015 Schedules of Fees, Rates and Charges; a public hearing and approval of the 2015 LFRA Budget; consideration of the pension options for new reserves; and the Chief's report. The Special Operations Team presentation was tabled to the October 9, 2014 meeting.

BACKGROUND

Standard meeting protocol

STAFF RECOMMENDATION

Approve as written

FINANCIAL/ECONOMIC IMPACTS

N/A

ASSOCIATED STRATEGIC GOALS

N/A

ATTACHMENTS

Minutes



Loveland Rural
Fire Protection
District

Fire & Rescue Authority Board Meeting Minutes

Thursday, September 11, 2014

Members Present:

Board Chair Jeff Swanty
 Mayor Cecil Gutierrez
 City Manager Bill Cahill
 Councilor John Fogle
 Division Chief Ned Sparks
 Public Safety Admin. Dir. Renee Wheeler

Rural Board Secretary Greg White
 Fire Chief Randy Mirowski
 Division Chief Greg Ward
 Assistant City Attorney Tree Ablao
 Rural Board President Dave Legits
 BSC Roylene Sterkel

Members Absent:

None

Visitors:

TVEMS Chief Randy Lesher
 Human Resource Director Julia Holland
 BC Michael Cerovski
 BC Tim Smith

Call to Order:

Chairman Swanty called the Fire & Rescue Authority Board meeting to order on the above date at 2:05 p.m.

Awards and Presentations:

None

Public Comment:

None

Consent Agenda:

1. Consider the minutes from the Loveland Fire Rescue Authority Board for the July 10,

2014 regular Board meeting, the July 30, 2014 special Board meeting and the August 28, 2014 special Board meeting.

- 2.** Presentation of the 2014 Second Quarter Budget Biz.
- 3.** Approve the Mutual Aid Agreement with Larimer County agencies for Disaster Emergency Management and Funding.

City Manager Cahill moved to approve the Consent Agenda. Mayor Gutierrez seconded the motion and it carried.

Regular Agenda:

Chairman Swanty asked that we move item 9 on the agenda to the next item for discussion.

9. Report on the Progress of the Fire Chief Selection Process.

Chairman Swanty moved that the LFRA Board, acting as the search committee appointed by the City manager to evaluate candidates for and select individual to fill the executive position of Fire Chief to be employed by the City of Loveland and assigned to the Authority pursuant to Section 6.3 of the Intergovernmental Agreement creating the Authority, go into executive session, as authorized in CRS §§24-6-402(4) (e), (4)(f), and 4(g).

This executive session will concern the following matters as authorized by the following sections of the Colorado Open Meetings Law:

- Personnel matters pursuant to CRS § 24-6-402(4) (f), to include deliberation as to the finalist candidates for Fire Chief; and
- Determining strategy and instructing negotiators relative to the personnel matter pursuant to CRS § 24-6-402(4) (e); and
- As needed, to receive legal advice from the City Attorney's Office as authorized in CRS §24-6-402(4)(b).

City Manager Cahill seconded the motion and it carried.

The Board went into Executive Session at 2:12 p.m.

The Board returned from Executive Session at 3:42 p.m.

Chairman Swanty announced the selection of Mark Miller as the new Fire Chief for Loveland Fire Rescue Authority. Rural Board President Legits moved to accept the selection and City Councilor Fogle seconded the motion. The motion was approved unanimously.

Chairman Swanty thanked City staff for their support of the process.

Mayor Gutierrez said we had a deep pool of candidates and he commended fellow

board members for their diligence and hard work through the process.

4. Presentation of the Special Operations Team Program.

The Board asked if Chief Smith could come back next month with his presentation of the Special Operations Team Program due to time constraints. Chief Smith agreed.

5. Conduct a Public Hearing and Consider Approval of the 2015 Schedule of Fees, Rates and Charges.

Public Safety Admin. Director Wheeler indicated that the only rate change would be the Special Event rate which would go from \$40/hr. to \$42/hr. Mayor Gutierrez asked if there were any fees added to the schedule for oil/gas charges. His concern is if we had an incident at the current transfer station, how we would re-coop our expenses. Councilor Fogle agreed that we need to make sure that personnel costs are passed on to the oil/gas companies. Chief Sparks said that if there was a large incident we would treat it like any other hazmat situation where we bill our costs to the businesses insurance carriers and are able to re-coop much of the costs that way.

Councilor Fogle moved to approve the 2015 Schedule of Fees, Rates and Charges. Rural Board President Legits seconded the motion and it carried.

6. Conduct a Public Hearing and consider adoption of the 2015 Budget.

Chief Mirowski asked if the Board wanted to delay item 6 on the agenda until the October meeting for the sake of time. Chairman Swanty said that everyone has seen the proposed budget and most have already heard the presentation, either at the Rural Board meeting or the FRAC meeting. Mayor Gutierrez asked if there was representation from this board at those meetings. Chairman Swanty said he was that representative. Mayor Gutierrez and Councilor Fogle said they are comfortable with not seeing the presentation, but asked that next year they be invited to the Rural Board meeting so only one presentation is needed.

Chief Mirowski said that he made the presentation to FRAC and they endorsed the budget proposal. He indicated that the only major additions to the budget are the Training Engineer and the Administrative position. The administrative position will not start until mid-year 2015.

Mayor Gutierrez moved to approve the 2015 Budget. Councilor Fogle seconded the motion and it carried.

7. Consider Pension Options for New Reserves.

Chief Mirowski said there has been extensive research and evaluation done regarding the pension options and the future direction for reserve firefighters as described in the Executive Summary included in the Board packet. He said we are left with three options:

1. Status Quo
2. New Reserve Pension Program
3. Move to a Two-Tiered Staffing Model

He explained that there is a significant amount of time and resources that goes into the recruitment, testing and training of Reservists. Currently we are spending approximately \$40,000/year to keep the program going, with only three reservists assigned to shifts and **five going through Academy. If it's decided to go to a two-tiered program it wouldn't affect our current reservists but would mean that we don't add any new ones.** He indicated that it would be our hope to utilize the Big Thompson Canyon Volunteers since their system is working and has proven to be a viable and reliable system. They need help with training, admin. support and logistical assistance. Our staff believes that efforts being utilized for the current reserve program could be better spent to assist the Canyon Volunteer Program.

Chief Ward said that the Canyon folks are struggling with FFI training and we are very good at that training and could be of assistance.

Rural Board President Legits feels this type of a situation fits well with what the Canyon Volunteers are trying to achieve.

Councilor Fogle moved to approve option 3 and to move to the Two-Tiered model. Rural Board President Legits seconded the motion and it carried.

8. Review Briefing Paper and Correspondence.

No new items other than what was included in the Board packet.

10. Board Member New Business/Feedback.

- Chairman Swanty suggested that we talk to other fire authorities about what they do for outside legal counsel. He feels we need to have an independent attorney for advice to the Fire Authority.

Rural Board Secretary White said there are numerous attorneys that work with other fire jurisdictions around the area.

- Mayor Gutierrez said now that we have a new chief he would like to see us move forward with the necessary process to move to an independent Fire Authority. Chief Mirowski said we need to target a time frame and plan. PS Admin Director **Wheeler said she doesn't believe this is possible to complete before the end of the year.** Rural Board Secretary White said he has a draft of the chief reporting relationship to the city vs. the rural and will bring it to the next Board meeting for review. This process needs to have a plan in place. Chairman Swanty said that the transfer needs to happen with or without the mill levy being passed.

With no further items to discuss Chairman Swanty adjourned the meeting at 4:25.

Minutes submitted by Secretary Sterkel

Agenda Item Cover

Item No.: 2

Meeting Date: October 9, 2014

Prepared By: Renee Wheeler, Public Safety Administrative Director



TITLE

Update on Amendment to the Intergovernmental Agreement for the Establishment and Operation of the Loveland Fire Rescue Authority as a Separate Governmental Entity, Section 6.3.5 Fire Chief Reporting Responsibility, Between the City of Loveland and the Loveland Rural Fire Protection District

EXECUTIVE SUMMARY

The LFRA Board requested that staff prepare an amendment of the intergovernmental agreement (IGA) changing the Fire Chief reporting responsibility from the City Manager to the Loveland Fire Rescue Authority Board. The Loveland City Charter (8-4(b) provides that the City Manager has the authority for employment matters. The City believes that the Charter provision precludes the manager from delegating that authority over City employees to another entity. However, once the Fire Chief and LFRA employees become transitioned from city employees to employees of the Authority, the IGA would likely be amended again to provide for direct oversight regarding all employee matters to the Board. The City and Rural attorneys have been exchanging drafts of the amendment. This is an informational item to update the Board regarding the proposed language to amend the IGA between the City of Loveland and the Loveland Rural Fire Protection District as parties to the IGA.

BACKGROUND

The existing language in the agreement reads:

Section 6.3 Fire Department Personnel

(a) The City agrees to assign all personnel of the Loveland Fire and Rescue Department, including the Fire Chief, to the Authority for use by the Authority in the provisions of fire and emergency services within the Service Area under this Agreement. Said personnel shall remain employees of the City and shall remain subject to all of the City's and the Fire and Rescue Department's personnel policies, rules and regulations, now existing and as hereinafter amended or added, including but not limited to, job positions/descriptions, promotion and ranking systems; pay and benefits; employment status; and all other City personnel policies, rules and regulations.



Agenda Item Cover

Item No.: 2

Meeting Date: October 9, 2014

Prepared By: Renee Wheeler, Public Safety Administrative Director

The most recent proposed language is as follows:

Section 6.3.5 Fire Chief Reporting Responsibility

"The Fire Chief shall receive direction from the Board on the provision of fire and emergency service within the Service Area of the Authority. On an annual basis and in consultation with the Fire Chief and the City Manager, the Board shall establish goals and objectives for each year. The Board shall annually evaluate the Fire Chief's performance based upon the goals and objectives established by the Board and give direction to the City Manager for consideration regarding employment matters involving the Fire Chief as an employee of the City pursuant to the IGA."

STAFF RECOMMENDATION

Provide feedback on the proposals and agree on the recommended timing of the approval by each party.

FINANCIAL/ECONOMIC IMPACTS

N/A

ASSOCIATED STRATEGIC GOALS

All three strategic goals

ATTACHMENTS

Draft Amendment

**FIRST AMENDMENT TO THE INTERGOVERNMENTAL AGREEMENT
FOR THE ESTABLISHMENT AND OPERATION OF THE LOVELAND FIRE RESCUE
AUTHORITY AS A SEPARATE GOVERNMENTAL ENTITY**

THIS FIRST AMENDMENT TO THE INTERGOVERNMENTAL AGREEMENT FOR THE ESTABLISHMENT AND OPERATION OF THE LOVELAND FIRE RESCUE AUTHORITY AS A SEPARATE GOVERNMENTAL ENTITY is entered into this _____ day of _____, 2014, by and between the **CITY OF LOVELAND**, a Colorado home rule municipality, ("City") and the **LOVELAND RURAL FIRE PROTECTION DISTRICT**, a Colorado Special District, ("District"). The City and the District shall be jointly referred to as the "Parties" and individually as "Party."

WITNESSETH

WHEREAS, the Parties entered into the Intergovernmental Agreement for the Establishment and Operation of the Loveland Fire Rescue Authority as a Separate Governmental Entity as of the 19th day of August, 2011 (the "IGA"); and

WHEREAS, the Parties have determined to amend the IGA to add Section 6.3.5 Fire Chief Reporting Responsibility.

NOW, THEREFORE, IN CONSIDERATION OF THE MUTAL COVENANTS CONTAINED HEREIN, AND OTHER GOOD AND VALUABLE CONSIDERATION, THE RECEIPT AND SUFFICIENCY OF WHICH ARE HEREBY ACKNOWLEDGED, THE PARTIES AGREE AS FOLLOWS:

1. The IGA shall be amended by the addition of the following Section:

Section 6.3.5 Fire Chief Reporting Responsibility

"The Fire Chief shall receive direction from the Board on the provision of fire and emergency service within the Service Area of the Authority. The Board, shall, on an annual basis and in consultation with the Fire Chief, establish goals and objectives for each year. The Board shall annually evaluate the Fire Chief's performance based upon the goals and objectives established by the Board."

This First Amendment to the IGA is entered into as of the date and year first above written.

*(Remainder of Page Left Blank Intentionally)
(Signature Page Follows)*

CITY OF LOVELAND

By: _____
William D. Cahill, City Manager

ATTEST:

City Clerk

APPROVED AS TO FORM:

City Attorney

LOVELAND RURAL FIRE PROTECTION
DISTRICT

By: _____

ATTEST:

**FIRST AMENDMENT TO THE INTERGOVERNMENTAL AGREEMENT
FOR THE ESTABLISHMENT AND OPERATION OF THE LOVELAND FIRE RESCUE
AUTHORITY AS A SEPARATE GOVERNMENTAL ENTITY**

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WHEREAS, the Parties have determined to amend the IGA to add Section 6.3.5 Fire Chief Reporting Responsibility; and

WHEREAS, the Parties agree that all other terms and conditions of the IGA shall remain in full force and effect.

NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL COVENANTS CONTAINED HEREIN, AND OTHER GOOD AND VALUABLE CONSIDERATION, THE RECEIPT AND SUFFICIENCY OF WHICH ARE HEREBY ACKNOWLEDGED, THE PARTIES AGREE AS FOLLOWS:

1. The IGA shall be amended by the addition of the following Section:

Section 6.3.5 Fire Chief Reporting Responsibility

"The Fire Chief shall receive direction from the Board on the provision of fire and emergency service within the Service Area of the Authority. On an annual basis and in consultation with the Fire Chief and the City Manager, the Board shall establish goals and objectives for each year. The Board shall annually evaluate the Fire Chief's performance based upon the goals and objectives established by the Board and ~~make recommendations~~give direction to the City Manager for consideration regarding employment matters involving the Fire Chief as an employee of the City pursuant to the IGA."

This First Amendment to the IGA is entered into as of the date and year first above written.

(Remainder of Page Left Blank Intentionally)
(Signature Page Follows)

CITY OF LOVELAND

By: _____
William D. Cahill, City Manager

ATTEST:

City Clerk

APPROVED AS TO FORM:

City Attorney

LOVELAND RURAL FIRE PROTECTION
DISTRICT

By: _____

ATTEST:

Agenda Item Cover

Item No.: 3

Meeting Date: October 9, 2014

Prepared By: Renee Wheeler, Public Safety Administrative Director



TITLE

Presentation of the Communications Program

EXECUTIVE SUMMARY

Captain Greg Gilbert will present information on the Communications Program. The attached program report highlights: program history, current status, the future of the program, a summary table of objectives and a more detailed description of the future objectives.

BACKGROUND

There will be program presentations each month for the rest of the year. The objectives of these presentations are to inform the Board about LFRA programs outside of the budget preparation discussion, help the Board to get to know command staff members, and offer command staff members the opportunity to participate at the political/governance level for professional development.

The 10-15 minute presentations will generally include:

- a description of the program,
- highlight resources dedicated to the Program (personnel, equipment, training),
- provide visuals (pictures/demo/stats) for the type of incidents or equipment, and
- share goals and objectives for 2014 and in the future.

10-15 minutes will be allotted for questions and answers following the presentations on an as needed basis.

STAFF RECOMMENDATION

Information only

FINANCIAL/ECONOMIC IMPACTS

N/A

ASSOCIATED STRATEGIC GOALS

N/A

ATTACHMENTS

Program Paper

Loveland Fire & Rescue Authority

Communication Program



Future Planning Document for LFRA's Communication Program

Captain Greg Gilbert
Lieutenant Dave Friedrichsen
Lieutenant Kurt Nakata
Engineer Todd Heasty
Firefighter Derek Correa
Firefighter Mark Hernandez

January 2014

Executive Summary

History of LFRA's Communication Program

The Communications Team has worked for years to develop and maintain communications equipment and procedures to provide the Loveland Fire Rescue Authority (LFRA) with the best ability to communicate in emergency situations. During the 2012/2013 budget years, LFRA was able to secure grant funding to replace every radio unit in the department with the absolute newest market technology allowing for reliable radio communications to continue into the next decade

Prior to 1998, Loveland Fire Rescue Authority (LFRA) operated off of two (2) VHF channels. One channel was owned by the City of Loveland and the other channel was owned by the Loveland Rural Fire Protection District. This system relied upon Minitor paging for notification of volunteer personnel.

In December 1998, to City of Loveland (police and fire) transitioned to 800 MHz communications. This was a more robust system that improved the overall communication efforts for emergency responders. In 1999, the City of Loveland became a founding partner of the Northern Colorado Radio Communication Network (NCRCN). The other founding partners were the City of Fort Collins and the Northern Colorado Water Conservancy District. In 2002, NCRCN was one of seven entities that helped create the Consolidated Communications Network of Colorado (CCNC). This was became known as the State of Colorado communication group. These efforts have allowed LFRA to be on the forefront of radio technology in Colorado.

In 2012, LFRA obtained a federal grant to replace the entire 800 MHz radio fleet. This included an upgrade in the VHF system to narrowband and move a tower that was located at Loveland Police Department. These efforts allowed LFRA to acquire the absolute newest market technology which ensures reliable radio communications to continue into the next decade.

Along with the changes in radio communications, LFRA has upgraded the messaging component of the communication program. The organization transitioned from Minitor paging to Alpha - numeric paging and now to notification of personnel via personnel cellular phones. This has allowed for a more robust messaging system for LFRA personnel. The messaging challenge that remains revolves around the Big Thompson Canyon Fire Department (BTCFD). The personnel serving BTCFD are notified of incidents through 800 MHz, VHF, Alpha – numeric pagers, and cellular phones. These efforts have not proven to solve all of the notification challenges that are faced by the BTCFD.

Current Status of LFRA's Communication Program

In 2013, the Communication Program became a three - tiered system of 800 MHz communications, VHF communications, and messaging. This system allows for improved oversight of each component, and allows for a simplified delegation of responsibility.

The goal of the Communications Team is to build the program to last. LFRA owns a relatively new fleet of radios that meet the current technology available. A capital replacement plan has been developed and implemented with 2014 will be the first year of capital replacements. This will ensure that LFRA remains on track to responsibly replace and maintain a technologically current fleet of radios. The Communications Team update and verify the information database of our radio fleet so that it can be maintained, replaced, and planned for using the most accurate data available.

The VHF radios are used for wildland fires when LFRA is involved with a Type IV or greater incident. We transition to VHF frequencies once resources from Larimer County Emergency Services or the United States Forest Service are assigned to the incident. The overhead from Larimer County have 800 MHz radios but their engines and personnel only have VHF capabilities. The VHF component currently has an inventory of 14 Analog portables and 18 Digital portables. These portable radios have a life expectancy of 5 – 7 years depending on use.

In October 2013, messaging transitioned from a commercial carrier to a government contact company. This was necessitated by the need to have company who understands the needs of a public service department that operates 24 hours a day, seven days a week.

The Future of LFRA's Communication Program

The Communication Program is structured in a way that will make it efficient for years to come. The Communications Team will continue to strengthen the overall effectiveness of our communication resources through an evaluation of new technology, fiscal responsibility, continuing education, safety of the public and LFRA members, and plan for the future expansion. Develop and enhance a long term plan to maintain and improve the Communication Program.

The public safety organizations of Northern Colorado are currently planning for a potential move to a new radio system separate from the State of Colorado system. This potential move would regionalize the radio system we use, allowing more user input in the future planning, operations, and development of the system. LFRA along with the rest of the City of Loveland are planning for this potential move and its impacts to our operations.

Separately, the Communications team has become more active in regional and national users groups of 800 Mhz trunked radio systems. This involvement allows the program to stay up on current trends and technologies going forward as well as allows us a voice to speak on the impacts of issues on us as radio users. The communications program will continue to strengthen those ties and will receive the benefit of maintaining its edge as a leader in communications technologies.

LFRA will evaluate a phase-out of the Analog portables and replace them with Digital and performance maintenance program for the portables. In addition, a capital replacement plan for the VHF radios will be necessary to ensure the fleet meets current standards.

Objectives and Timelines

Timeline	Objective	Assignment
Annual	1. Involve Loveland Emergency Communications Dispatchers in Blue Card continuing education opportunities	DC Ward, Captain Gilbert and Carmen Bloom
Annual	2. Provide a liaison from the communication team to City of Loveland, FRCC, NCRCN, CCNC, LETA, and various response cooperators	Capt. Gilbert
Annual	3. Review and revise the Communications Program Planning Document	Communications Team
Annual	4. Attend APCO conference	Communications Team
Annual	5. Maintain most current radio programming in all department radios (800 radios and VHF radios)	Lt. Friedrichsen, Eng. Heasty and FF Correa
Annual	6. Maintain accurate radio fleet tracking information and accountability of all associated communications equipment	Lt. Friedrichsen, Eng. Heasty, FF Correa and FF Hernandez
Annual	7. Maintain lists on the V drive, EMAG, email and in the public folder	Lt. Nakata
Annual	8. Work with IT to maintain accurate distribution lists	Lt. Nakata
Annual	9. Ensure all personnel know how to properly care for the radios, and know when an issue needs to be addressed	FF Hernandez
Annual	10. Continue to provide the necessary communications equipment for the department to operate safely and effectively	FF Correa
2014	11. Update alarm levels for ARFF incidents	DC Ward and Capt. Gilbert
2014	12. Develop new response plans and update current response plans to include Engine 2 and Squad 2 relocated to the new Station 2	DC Ward, Capt. Gilbert and Carmen Bloom
2014	13. City wide implementation and training on the City of Loveland 800 channels	Mark Gaisford, Capt. Gilbert and Lt. Mialy
2014	14. Develop a plan for replacement plan of headset communication system	Capt. Gilbert and Lt. Friedrichsen
2014	15. Evaluate the move from CCNC to FRCC	Capt. Gilbert, Lt. Friedrichsen and NCRCN
2014	16. Implement new guidelines for the wearing of radios in IDLH environments	Lt. Friedrichsen and PPE Program
2014	17. Research and implement Cellular Signal Boosting technology for the Battalion Command Vehicle	Lt. Friedrichsen and FF Correa
2014	18. Research available intercom/headset technologies	Lt. Friedrichsen and FF Correa

2014	19. Review the need for a 2 nd Alarm Group	Lt. Nakata
2014	20. Evaluate the full capability of the Active 911 system and Telestaff messaging	Lt. Nakata
2014	21. Evaluate the transition of BTCFD messaging responsibility from LFRA to BTCFD	Capt. Gilbert and Lt. Nakata
2014	22. Evaluate issuing all personnel an 800 MHz radio as part of their standard issue PPE	Communications Team
2015	23. Plan for, along with other city cooperators, the replacement of radios in the Mobile Command Vehicle with current generation radio units	Capt. Gilbert and Lt. Friedrichsen
2015	24. Transition the oversight of 800 communications to FF Correa	Capt. Gilbert and Lt. Friedrichsen
2015	25. Research and purchase local deployable radio repeater	Lt. Friedrichsen
2016	26. Develop new response plans and update current response plans to include Engine 10 at the new Station 10	DC Ward, Capt. Gilbert and Carmen Bloom

Objective Details

Annual Objectives

1. **Involve Loveland Emergency Communications Dispatchers in Blue Card continuing education opportunities** – Continued involvement of the Loveland Emergency Communications Center (LECC) Dispatchers in the ongoing Blue Card training strengthens the relationship between our agencies. The Dispatchers are the first emergency service personnel to answer the citizen's need for help, the BCS training enables the Dispatchers to gain a higher degree of knowledge of fire service operations, allowing for better service to the citizens earlier in the incident.
2. **Provide a liaison from the communication team to City of Loveland, FRCC, NCRCN, CCNC, LETA, and various response cooperators** – The LFRA Communications Program will be an active participant in the overall communications efforts within Northern Colorado. This will ensure that LFRA maintains sound relationships with cooperators, stays abreast of current trends within the local communications community, and is a presence in the direction of communication efforts.
3. **Review and revise the Communications Program Planning Document** – The planning document is dynamic and may need to be adjusted over time. The Communications Team will review the document on an annual basis and revise the document accordingly.
4. **Attend APCO conference** – The APCO conference provides an opportunity for the Communications Team to connect with peers, instructors, vendors and leaders in the public safety communication arena.
5. **Maintain most current radio programming in all department radios (800 radios and VHF radios)** – LFRA needs to ensure that we are providing the most up to date and accurate options for communicating within our organization as well as with our mutual aid cooperators.
6. **Maintain accurate radio fleet tracking information** – Maintaining accurate radio fleet records allows for accurate future planning as well as accountability of a \$1,000,000 fleet of department radio equipment.
7. **Maintain lists on the V drive, EMAG, email and in the public folder** – Maintaining the distribution lists in multiple locations allows for oversight by both LFRA and the IT Department.
8. **Work with IT to maintain accurate distribution lists** – Accurate distribution lists are necessary to ensure that LFRA personnel are receiving the appropriate messages.
9. **Ensure all personnel know how to properly care for the radios, and know when an issue needs to be addressed** – The Communications Team will provide ongoing training to all LFRA personnel so they know how to properly care for radios and know when an issue must be addressed by a member of the Communications Team.
10. **Continue to provide the necessary communications equipment for the department to operate safely and effectively** – Manage the budget responsibly and anticipate for the care, maintenance and eventual replacement of radios, earpieces, headsets and related parts.

Research current technology trends to provide the department with future communication equipment options.

2014 Objectives

11. **Update alarm levels for ARFF incidents** – LFRA has recognized a deficiency in emergency response to ARFF incidents. The alarm levels and appropriate response will be updated so this is no longer a deficiency.
12. **Develop new response plans and update current response plans to include Engine 2 and Squad 2 relocated to the new Station 2** – With the relocation of Station 2 and the addition of Engine 2, LFRA will need to update the current response plans in addition to creating new response plans.
13. **City wide implementation and training on the City of Loveland 800 channels** – Work in conjunction with the Communications Division and Emergency Management on the implementation and training on the City of Loveland 800 channels.
14. **Develop a plan for replacement plan of headset communication system** – Research current technology for possible replacement or enhancement to the CTC headset communications system for 2016. The current system will be six years old at this point and will need to be refurbished or replaced. A budget request will need to be submitted to Renee for long range planning.
15. **Evaluate the move from CCNC to FRCC** – NCRCN is evaluating the move from CCNC to FRCC. This potential move would regionalize the radio system we use, and allow us to have greater input in the planning, operations, and development of the system. LFRA along with the rest of the City of Loveland are planning for this potential move and its impacts to our operations.
16. **Implement new guidelines for the wearing of radios in IDLH environments** – New equipment and training will be rolled out at the beginning of 2014 to implement new procedures for wearing the portable radio in a radio harness under the turnout gear for all department members operating in IDLH environments. This change will enhance equipment effectiveness and firefighter safety in hostile fire events.
17. **Research and implement Cellular Signal Boosting technology for the Battalion Command Vehicle** – Maintaining cellular connection for command officers is critical to fireground and system effectiveness. Cell signal boosting technology will decrease the area of the district where that connection is not possible.
18. **Research available intercom/headset technologies** – We need to ensure that the current intercom technology we are using continues to be the best option on the market. Research needs to be done to ensure that there is not a better option that would provide more/better functionality than our current brand of equipment. If another brand is found to be more effective, a transition plan needs to be created before the next department apparatus is purchased.
19. **Review the need for a 2nd Alarm Group** – LFRA must determine if there remains a need for the 2nd Alarm Group within the messaging system.

20. **Evaluate the full capability of the Active 911 system and Telestaff messaging** – The Communications Team needs to evaluate the full capabilities of the Active 911 system and the Telestaff messaging. Based upon this evaluation, the determination will be made as to what direction LFRA will pursue relative to messaging.
21. **Evaluate the transition of BTCFD messaging responsibility from LFRA to BTCFD** – BTCFD is evaluating options for messaging that are separate from LFRA. The Communications Team will make an evaluation if LFRA will continue supporting BTCFD with their messaging needs.
22. **Evaluate issuing all personnel an 800 MHz radio as part of their standard issue PPE** – The Communications Team will evaluate the pros and cons of issuing each member of LFRA their own 800 MHz portable radio as part of their standard issue PPE.

2015 Objectives

23. **Plan for, along with other city cooperators, the replacement of radios in the Mobile Command Vehicle with current generation radio units.** – The Mobile Command Vehicle is a joint venture of Fire, Police, and Emergency Management organizations. A long term plan for the maintenance and replacement of the radio equipment needs to be completed before the end of life date is reached for the current radio technology is reached (approximately 2017). Programming and templates also need to be addressed to ensure the continued ability for communications with multiple regional entities.
24. **Transition the oversight of 800 communications to FF Correa** – During the apprentice phase, FF Correa will develop general knowledge base in multiple areas of the Communication Program. The focus will be on learning and understanding all facets of 800 portion of the program. Full transition from Lieutenant Friedrichsen to FF Correa will occur in 2015.
25. **Research and Purchase local deployable radio repeater** – A localized 800 MHz and/or VHF repeater that is deployable at the scene of an emergency can provide coverage in areas of our district suffering from poor radio reception due to current radio tower placement. Also, a repeater can provide a layer of redundancy for radio continuation in the event of a radio system failure.

2016 Objectives

1. **Develop new response plans and update current response plans to include Engine 10 at the new Station 10** - With the addition of Station 10 and Engine 10, LFRA will need to update the current response plans in addition to creating new response plans.

Agenda Item Cover

Item No.: 4

Meeting Date: October 9, 2014

Prepared By: Randy Mirowski, Fire Chief



TITLE

Endorsement for Expanding the Requirements of Residential Fire Sprinklers in the City of Loveland to Include Duplexes and Townhomes

EXECUTIVE SUMMARY

Residential fire sprinklers have been in service in various parts of the country for nearly thirty years; in several communities (Scottsdale, AZ for example), these fire protection devices have been mandatory for nearly that same time. The International Residential Code (IRC) has required their installation in all residential structures, (including detached single-family homes), since 2009. The City of Loveland, along with other communities has amended this portion out of the code during their adoption processes. Today, many communities are rethinking this choice and looking to other options for improved community safety through the use of residential fire sprinklers. Fort Collins is one of those communities that has recently changed their ordinances to reflect an enhancement in protection through the use of residential fire sprinklers.

The City of Loveland has been involved in an initiative to improve community safety by expanding the use of residential fire sprinklers in new construction. The initiative in this presentation expands the use in newly constructed multi-family dwellings to include Duplexes and Townhomes. The single family, detached residence is not included in this expansion. This initiative is the culmination of approximately ten months of work done by a steering committee made up of the various stakeholders in the community, representing the construction industry, trades contractors, developers, realtors, sprinkler professionals and fire and building officials. This initiative is not a full adoption of the current IRC for residential fire sprinklers. It is, however, a next step for our community, and a strong endorsement of a progressive acceptance of residential fire sprinklers as an integral tool to protect the lives and property of our citizens. The LFRA Board and City Council are being asked to endorse this initiative as the next step in our process for improved community safety.

BACKGROUND

Residential fire sprinklers have been in service in various parts of the country for nearly thirty years; in several communities (Scottsdale, AZ for example), these fire protection devices have been mandatory for nearly that same time. The International Residential Code (IRC) has required their installation in all residential structures, (including detached single-family homes), since 2009. The City of Loveland, along with other communities has amended this portion out of the code during their adoption processes.

In 2013, LFRA staff made a presentation to City Council, requesting permission to move forward with an initiative to further study the issues concerning the adoption of the full IRC as it applied to residential fire sprinklers. The initiative was predicated on the development of a larger steering committee that would be made up of a broad spectrum of stakeholders in the community. The plan was to conduct nearly a year-long

Agenda Item Cover

Item No.: 4

Meeting Date: October 9, 2014

Prepared By: Randy Mirowski, Fire Chief



research and evaluation project, returning to City Council with the results of the study and recommendations for improving community fire and life safety, and a more cogent plan for the requirements of residential fire sprinklers.

The steering committee, made up of the various stakeholders in the community, representing the construction industry, trades contractors, developers, realtors, sprinkler professionals and fire and building officials, met for ten months. The clear consensus of this steering committee, FRAC, building and fire officials and others is that our community should expand the requirements for residential fire sprinklers to include duplexes and townhomes, but not detached single family homes. This initiative is not a full adoption of the current IRC for residential fire sprinklers. It is, however, a next step for our community, and a strong endorsement of a progressive acceptance of residential fire sprinklers as an integral tool to protect the lives and property of our citizens. The LFRA Board and City Council are being asked to endorse this initiative as the next step in our process for improved community safety.

The power point presentation accompanying this cover memo will cover in greater detail: the makeup of the steering committee; the work and assignments done over the last ten months; the initial direction of the steering committee, the analysis, and the final conclusions and recommendation for future actions; and finally the recommended changes to the current local code and the differences and similarity to our initiative and the one adopted by Fort Collins and PFA.

STAFF RECOMMENDATION

To endorse Option #1 within this initiative; that is supporting the addition of Duplexes and Townhomes (R-3's) to what is already required within the City of Loveland for multi-family occupancies for residential fire sprinklers.

FINANCIAL/ECONOMIC IMPACTS

N/A- There are no direct financial impacts to LFRA with this initiative

ASSOCIATED STRATEGIC GOALS

All three goal areas are directly or indirectly impacted by this agenda item:

- Deliver an effective emergency response to minimize damage and loss
- Minimize and mitigate the risks of an emergency occurrence in the community
- Deliver cost-effective services

Agenda Item Cover

Item No.: 4

Meeting Date: October 9, 2014

Prepared By: Randy Mirowski, Fire Chief



ATTACHMENTS

1. Power Point Presentation: Residential Fire Sprinkler Presentation for LFRA 2014



Residential Fire Sprinklers

*Presentation for City Council to consider a
New Initiative for Residential Fire Sprinklers*

October 28, 2014



Commitment, Compassion & Courage

Introduction and Goals-

Welcome...



- Our goal this evening is to present Council with a proposal from the Residential Fire Sprinkler Steering Committee, FRAC, CAB and the Fire Authority Board.
- We will share the background, how the proposals were created, and obtain direction from Council regarding the adoption of this New Residential Fire Sprinkler Initiative...



Commitment. Compassion & Courage



- Residential Fire Sprinklers (RFS) have been prominent as part of some community fire protection plans for more than 30 years
- The *International Residential Code (IRC)* has required RFS since 2009 (two code cycles - 2009, 2012) for **ALL** residential bldgs.- including single family homes
- The seminal question for us tonight is:
“What direction will we as a community take, concerning residential fire sprinklers for the future???” (this was the question we asked last fall...)



Our recommendations from Last Year (fall, 2013):

- Establish a coalition of stakeholders in the community- **a Steering Committee**- to help develop our community plan...
- Develop a five year plan that would include:
 1. **Community Education (1 to 1 1/2 years)**
 2. **Create meaningful incentives to encourage installation of residential sprinklers (2-3 years)**
 3. **Adopt residential sprinkler code (2018)**

We have made some adjustments and changes to this plan, based on our experiences, discussions and input from our stakeholders- we will review these with you tonight...

Tonight's Presentation-

Updates, Changes & Recommendations...

We have 6 parts for this presentation:

- Introduce our Steering Committee
- Summary of Activities (Monthly)
- Two Options to Consider (specifics)
- Our Recommendations
- Differences/ Similarities in Our proposal & Fort Collins/ PFA's
- Questions from Council...



Commitment. Compassion & Courage

Residential Fire Sprinkler Committee -



- Bob Skillman – *Realtor (Chair)*
- Dave Clark – *Council*
- Greg Miedema – *Developer*
- Mark Koentopp - *Realtor*
- Alan Hauser - *Architect*
- Nanci Garnand - *Realtor*
- Dan Ormesher - *Plumber*
- Doug Buer – *Contractor/Builder*
- Jeff Gallager – *Plumber*
- Bob Dehn – *Fire Protection Sys.*
- Jon Smela - *FRAC*
- Bob Boggio - *FRAC*
- Gene Culbertson - *FRAC*

City Staff: Building – Fire – Water

Randy Mirowski – Fire Chief
Ned Sparks – Fire Marshal
Carie Dann – Deputy Marshal
Melissa Morin - Water
Tom Hawkinson - CBO

18 People Total

- 10 from Building Industry
- 5 from City Staff
- 3 from Citizens Group

Commitment, Compassion & Courage

Summary of Committee Meeting Topics (Monthly)–

- **January** – Committee formed and began discussion of pro's and con's / for and against Residential Fire Sprinklers. Overview of what the goal of committee and stating the need for a proposal to be made with City Council in October of 2014.
- **February** – Chair selected and another round of discussion on Pros and Cons for Residential Fire Sprinklers, agreement that the International Residential Code with Fire Sprinklers would be adopted, but is now a good time for adoption?
- **March** – Shared the original City Council presentation with committee and asked if the group would like to meet with PFA and talk about what was adopted in Ft. Collins.
- **April** – Meeting with PFA Fire Chief, Fire Marshal and Sprinkler Plan Reviewer. Discussion about having similar codes for consistency in the region. The plan for a side-by-side burn prop was set for June 11th.

Summary of Committee Meeting Topics (Monthly)-



- **May** – Presentation from Gene Culbertson with FRAC regarding the need for Residential Fire Sprinklers. Three options discussed:
 1. *Full Adoption of IRC without Amending* (sprinkler all residential)
 2. *Amend the IRC to include Townhomes and Duplexes*
 3. *Continue to Amend Fire Sprinkler out of the IRC*

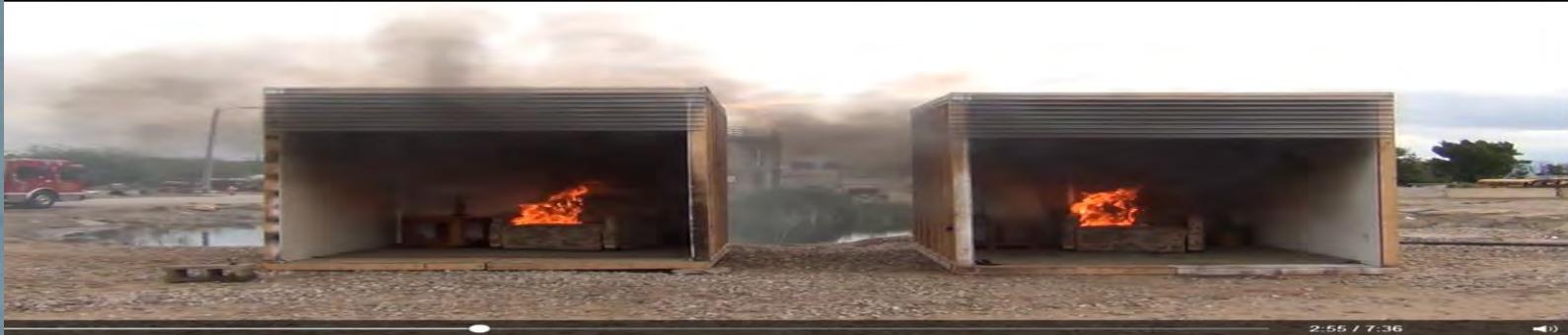
NOTE: Serious questions were raised from FRAC regarding the real value of “Community Education” and “Incentivizing” for RFS

- **June** – Fire Sprinkler demonstration at the LFRA Training Center for the Committee, FRAC and CAB- with a meeting following to answer questions and open discussion with all committees (not well attended)

Highlights in the Next Slide...

Residential Fire Sprinkler Demo June 11th

Residential Sprinkler burn demonstration: Left burn cell not protected - right burn cell with Fire Sprinklers



Prior to Fire Sprinkler activation in the right burn cell - 2:55 into demonstration



Fire Sprinkler activation in the right burn cell - 3:15 into fire demonstration.



Fire in left burn cell at 5:03 – complete loss of all furnishings in the left cell and fire continuing to progress



Summary of Committee Meeting Topics (Monthly)-

- **July** – Discussion on the three proposals and a vote to remove full adoption from the three options. Focusing on 2:
 1. *Amend the IRC to include Townhomes and Duplexes*
 2. *Continue to Amend Fire Sprinklers out of the IRC for the existing residential occupancies*
- **August** – Draft a presentation of proposal for Sprinkler Committee for City Council- discussion and final agreement on two options; take presentation to CAB for their agreement
- **September/ October** – Review final power point presentation with Steering Committee to ensure accuracy and content- ready for *Fire Authority Board presentation* on October 9, 2014 and *City Council Presentation for Study Session* on October 28, 2014

Residential Sprinklers; Options & Recommendations- *Options for Loveland Community Fire Safety:*



1. Amend the Loveland Code to include Duplexes and Townhomes for residential fire sprinklers-

- * *This would add duplexes and townhomes to what we already require for residential sprinklers- (apartments, condos, etc.)*
- * *This would include all residential EXCEPT detached single family homes*

2. Continue to amend fire sprinklers out of the IRC for all existing residential occupancies

Our recommendation is to adopt Option #1

Some key points about this option...



- **While not as impactful as full adoption, it is a good first step to a safer community for the occurrence of home fires**
- **It focuses on the multi-family structures where we know a significant fire problem exists**
- **The residential fire sprinkler industry is ready for this addition**



Another key point- A similar option was adopted by the City of Fort Collins and PFA...



The city of Fort Collins and PFA adopted their new residential fire sprinkler ordinance on February 4, 2014- it has several differences in what we are proposing: Theirs also adds Duplexes and Townhomes- (just like ours...)

- **Theirs eliminates the use of 13R & 13 D systems, Only allowing 13 Systems- (meaning all attic spaces, concealed spaces and small rooms- bathrooms/ closets- required to be sprinklered in their systems)**
- **Only licensed sprinkler contractors install their systems**
- **Use of Vinyl siding is prohibited in their system**



So, what would our option include ???



- Ours would also only add Duplexes and Townhomes to what we now have: Apartments and Multi-Family Units
- Ours would include the use of various existing types of residential fire sprinkler systems: 13R/ 13D
- Prohibition on the use of vinyl siding is not included in ours



*The similarity in ours and what FTC/ PFA adopted is:
Detached Single Family Homes are not included...*



Tonight we have presented to you:

- Introduce our Steering Committee
- Summary of Activities (Monthly)
- Two Options to Consider (specifics)
- Our Recommendations
- Differences/ Similarities in Our proposal & Fort Collins/ PFA's
- Questions from Council...

Our proposal to expand the use of Residential Fire Sprinklers to add Duplexes and Townhomes is supported by our LFRA staff, but also supported by our Steering Committee, FRAC, CAB and other stakeholders. We believe this is the best next step and urge our Board and our City Council to support this initiative.



Residential Fire Sprinklers - The Future for The Loveland Community



*Thanks for
allowing us to
present this
information to you*



Commitment, Compassion & Courage

Residential Sprinklers-



Questions????

Commitment, Compassion & Courage

Agenda Item Cover

Item No.: 5

Meeting Date: October 9, 2014

Prepared By: Randy Mirowski, Fire Chief



TITLE

Fire Authority Maturation- Current and Future Issues for Consideration by the Loveland Fire Rescue Authority Board

EXECUTIVE SUMMARY

Loveland Fire Rescue Authority (LFRA) was formed and launched as a separate organization in 2012; participating partners were the City of Loveland and the Loveland Rural Fire Protection District. The fire authority was founded on a rather Spartan intergovernmental agreement (IGA) with an expectation that the organization would begin with few operational changes, but governance issues would develop over time into a fully mature fire authority.

Issues such as reporting structure for the Chief Fire Officer; ownership of large capital apparatus, and facilities; and firefighters as employees of the fire authority were some of the major concerns voiced in discussions concerning maturation.

At the 2013 Fire Authority Board Retreat (December, 2013), the Board discussed the need to evaluate and develop a list of issues/ items that would be related to bringing about the full maturation of the Loveland Fire Rescue Authority. Staff put together an initial draft and presented the identified issues to the Board earlier in the year (2014).

Based on input from the Board and the changes related to the hiring of a new fire chief, updates were developed. The attached document has the initial, identified issues for the authority's maturation in a different format and with notations for what has been accomplished, or is in progress. Another change is in connecting the identified issues into the various phases within the 2012 LFRA Strategic Plan.

The intent of this agenda item is to provide the Board with a progress report and a "check-in" on the identified issues to ensure that these are still valid, accurate and effective in addressing the concerns for maturation of the fire authority.

BACKGROUND

Loveland Fire Rescue Authority was formed and launched as a separate organization in 2012; participating partners were the City of Loveland and the Loveland Rural Fire Protection District. The fire authority was founded on a rather Spartan intergovernmental agreement (IGA) with an expectation that the organization would begin with few operational changes, but governance issues would develop over time into a fully mature fire authority.

Agenda Item Cover

Item No.: 5

Meeting Date: October 9, 2014

Prepared By: Randy Mirowski, Fire Chief



Over the last three years, several key areas were discussed concerning the full maturation of LFRA- three in particular were dominant in discussions at the board level:

- Large Capital Replacement Fund- Fire Apparatus- To be in effect in 2017
- Fire Department Personnel Becoming Employees of the Fire Authority
- Facilities and Real Property Becoming Property of the Fire Authority

The issue of full maturation became a specific topic of the 2013 LFRA Board Retreat. When discussions began about hiring a new fire chief in 2014, the issue of the reporting structure for the fire chief and the LFRA Board also became a primary topic. The Board has given direction to staff to establish a cogent list of topics that are directly, or indirectly, associated with the full maturation of our fire authority. It has been further suggested that timelines and a plan for management also be developed.

In the fall of 2014, staff has constructed a new document (draft) that outlines a core list of issues/ concerns related to the maturation process of LFRA. Included in this new list are timelines and a direct tie-in to the 2012 LFRA Strategic Plan. Included in this document is also a progress report for what has been done or is in the works. This document is broken out into three distinct sections: Short-Term, Mid-term and Long-Term actions. Currently, we are working primarily on the Short-term Actions section. Four of the five items listed in that section have either been completed, or are in process for completion (see attached document). These three include:

- Fire Chief Selection and Line Supervision/ Reporting for Fire Chief
- New Budget Process for Developing/ Approval of the Annual LFRA Budget
- LFRA Workforce- Moving from Three-Tiers to a Two-Tier System
- Changing Dynamics of the Big Thompson Canyon VFD & Link with LFRA

STAFF RECOMMENDATION

To accept the issues identified in the attachment, and the update and progress report; and to provide staff any further direction for addressing these concerns.

Agenda Item Cover

Item No.: 5

Meeting Date: October 9, 2014

Prepared By: Randy Mirowski, Fire Chief



FINANCIAL/ECONOMIC IMPACTS

N/A

ASSOCIATED STRATEGIC GOALS

All three goal areas are directly or indirectly impacted by this agenda item:

- Deliver an effective emergency response to minimize damage and loss
- Minimize and mitigate the risks of an emergency occurrence in the community
- Deliver cost-effective services

ATTACHMENTS

1. DRAFT: Fully Developing the Loveland Fire Rescue Authority

Fully Developing the Loveland Fire Rescue Authority

During the 2013 LFRA Board of Directors retreat, (December 2013), an item was discussed concerning the processes for full development, or maturation, of our fire authority. It was determined that in 2014, we would identify several of the key areas associated with that development process, and begin discussions on which areas to focus attention on. For many of these items, a defined strategy for managing these issues will need to be developed in the future. The list below is a draft of issues that have been previously discussed or identified as needing to be addressed to assist in the full development of LFRA. Most of these issues have significant strategic impact on the fire authority, the member agencies and staff.

Short-Term Actions (Phase II: 2014-2015):

- Fire Chief Selection and Line Supervision/ Reporting for Fire Chief¹
- New Budget Process for Developing/ Approval of the Annual LFRA Budget
- LFRA Workforce- Moving from Three-Tiers to a Two-Tier System
- Changing Dynamics of the Big Thompson Canyon VFD & Link with LFRA
- Evaluation of New Fire Station 10 (West in Rural District)- Funding and Cost-Sharing/ determine appropriate capital revenue allocation formula

Mid-Term Actions (Phase III: 2016-2017):

- Large Capital Replacement Fund- Fire Apparatus- To be in effect in 2017
- Fire Department Personnel Becoming Employees of the Fire Authority
- Facilities and Real Property Becoming Property of the Fire Authority

Long-Term Actions (Phase IV: 2018-2020):

- Revisiting and/or Updating the Revenue Allocation Formula (82%-18%)
- Evaluating the Fire Authority Model for Future Changes
- Re-writing/ Editing IGA to Reflect the Fire Authority of the Future

¹ Indicates completion or current work in progress



Agenda Item Cover

Item No.: 6

Meeting Date: October 9, 2014

Prepared By: Renee Wheeler, Public Safety Administrative Director

TITLE

Review Briefing Papers and Correspondence

EXECUTIVE SUMMARY

The Chief's reports include a variety of general updates including:

- 2015 Budget Presentations
- New Fire Chief for LFRA
- New and Old Fire Station 2 Updates
- Lincoln Hotel Apartments
- New Direction for Refurbishment of LFRA's Old Ladder Truck
- Operations Division Report
- Community Safety Division Report
- Office of Emergency Management Activity

BACKGROUND

This section of the agenda is intended to provide general information to keep board members apprised of various project status and department updates.

STAFF RECOMMENDATION

N/A

FINANCIAL/ECONOMIC IMPACTS

N/A

ASSOCIATED STRATEGIC GOALS

N/A

ATTACHMENTS

- Fire Chief's Monthly Report
- August Statistics
- Letters and Articles



Fire-Rescue Administrative Division

Chief Randy Mirowski and Public Safety Administrative Director Renee Wheeler

Month of September 2014 Overview-

The month of September was another very busy month for LFRA and our personnel. Highlighting the activity was the selection of our new fire chief for LFRA, placing our new Heavy Rescue Squad Company in service, and the move toward completion of our newest fire station; we will take ownership on September 30. Our 2015 Budget has now been presented to all governing bodies and our commission; what remains now is approval by the Loveland City Council. Other activities and events are listed and detailed below in this report.

2015 LFRA Budget Development and Presentations-

The 2015 LFRA Budget has, as of this month, been presented to all of our governing bodies and elected officials, and our commission (FRAC). It has also been approved by the Rural District Board and the Fire Authority Board. Our final approval from City Council is expected next month (October).

New Fire Chief for LFRA-

Mark Miller, current fire chief with the Vail Fire Department will be the new LFRA Chief starting in November of this year. Chief Miller's first day is scheduled for November 10, however, the transition process between Chief Miller and Chief Mirowski has already begun with both chiefs in touch with each other almost daily, with phone calls, text messages and, of course, e-mails. Chief Miller will be participating in the new LFRA Leadership Training with Col Paul Callan late in October, and will be present for the department awards ceremony on November 1. We are thrilled to have Chief Miller as a part of the LFRA family and welcome him.

New and Old Fire Station Two Updates-

September was a tremendously productive month for the new fire station, located at 29th and Wilson Ave. Nearly all work by the contractors has now been completed, with final assessments and systems testing the most focused efforts in the interior. Alarm and notification structures will be our last of the systems testing. Our team did a walk though and punch-list development on Monday, September 22. There were no major issues discovered, and only a modicum of minor finish and touch up issues to address. The crews have made great progress and the project remains ahead of schedule and within budget. Expected completion is still at the end of September with the move-in date of October 15th still the target. The grand opening for the new station has been set for October 25th. The purchase of old fire station two by TVEMS has moved closer to reality with the formation of a purchasing contract between TVEMS attorneys and City of Loveland attorneys. All that remains now are some final documents to map out easement and access agreements.

Lincoln Hotel Apartments-

It was announced on September 26 that a tentative agreement was reached with the owners of the Lincoln Hotel Apartments and the City of Loveland for the mitigation of all existing fire and building code violations that were identified and recorded during an inspection in 2013. The most significant thing in this agreement is the provision for the installation of automatic fire sprinklers in this turn of the century building. The efforts made to get the agreement to this point have been collaborative and has involved numerous city departments and agents. Including the City Manager's Office. We are now at a place where we have a great chance of

improving the life safety of the occupants of the Lincoln Hotel Apartments, citizens who visit or frequent the downtown area, and improve firefighter safety. This is a great day for the Loveland Community.

New Direction for Refurbishment of LFRA's Old Ladder Truck-

Financial proposals have come in from several companies interested in refurbishing our 2000 Smeal Aerial Truck. A segment of Chief Ward's e-mail to the Apparatus Committee is included below. We are now looking at a different strategy to refurbish our aerial with a goal of top shelf service for a period of at least the next 8-10 years. We will have more on this matter to our elected officials in the next few months.

We received ballpark refurbishment quotes from Pierce and Smeal on the Ladder 6 project, these quotes included a new cab and chassis and complete refurb of the pump, aerial ladder and body. Unfortunately these quotes came back higher than anticipated at approximately \$815,000, the two quotes were within \$1500 of each other. Our budget for this project is \$606,000, which was an estimate based on the refurb that PFA did three years ago that was just under \$500,000. We have discovered that there has been a pretty substantial change in pricing on the refurbs. Chief Mirowski, Lt Stolz, Corey, Warren and I met this AM and have decided on a new direction for this project. We have identified a list of items that must be done to keep the current Ladder 6 in good condition for the next 8 to 10 years as a reserve ladder without doing a new cab and chassis.

Other Fire Department Activities in September:

Numerous, important meetings and events took place in the month of September; they include:

- Completing the needed and ongoing training efforts for our firefighters and officers
- Various board and commission meetings
- Various meetings with other chief officers in the area, focusing on improving regional response
- Rural Board Meeting
- Fire Rescue Advisory Commission Meeting (related meetings with FRAC not regular meeting)
- Meeting with TVEMS Chief- purchase of old fire station two
- Numerous meetings with citizens and builders for development review and permitting
- Numerous public education and safety meetings
- Business safety visits (see CSD report)
- LFRA Officer Training
- Meeting with Steering Committee for Residential Fire Sprinklers in Loveland
- Blue Card Training
- Board meetings for fire chief selection process
- FRFC Academy kick-off attending and speaking to recruits (keynote)
- Safety Expo
- LEAD Loveland Meetings and Welcome
- Honor Flight Stand-by
- House of Neighborly Services Grand Opening and Keynote Speech to Faith Based Community
- Meetings for Station 2 Grand Opening

We maintain our diligence and our commitment to the mission of enhanced citizen service to our community and improved firefighter safety. The incidents during the month of September have challenged our personnel, but never changed or impacted our resolve. We remain dedicated to our core values; *Commitment, Courage and Compassion*, and our vision of *Taking LFRA from Good to Great and Building it to Last!*

Fire-Rescue Operations Division

Division Chief Greg Ward

September 2014

Operations & Training Update

- Rescue Company 2 went into service on September 2nd, adding the seventh company to our daily staffing.
- The 2014 Reserve Firefighter Academy kicked off with five new LFRA Reserve Firefighters.
- Worked with Chief Lundquist on Canyon integration into LFRA, including a new organizational chart.
- LFRA personnel provided the majority of instruction for a Colorado State Fire Officer I course in Black Hawk; this is a week-long class that completes the practical portion of the Fire Officer I certification program.
- Captain Carmosino and Lieutenant Stuart attended National Fire Academy Classes.
- Special Operations Team personnel trained in building collapse rescue shoring.
- Participated in a rope rescue training with Canyon Members, Thompson Valley EMS and LC Search & Rescue in the Big Thompson Canyon.
- Crews conducted training on newly acquired GPS units.
- LFRA personnel participated in ambulance driver training w/ Thompson Valley EMS.
- TAC Fire personnel attended a week long training at Fort Carson with members of the LPD SWAT Team.
- Lieutenant Hintzman instructed the Front Range Fire Academy's hose and fire streams classes.
- The Training Center was utilized by the following agencies in June,

Loveland Police Fort Collins Police Johnstown Fire District Thompson Valley EMS
Aims Community College Fire Academy City of Loveland Public Works

Significant Incidents

- Residential structure fire on Edgewood Drive. The fire originated on the back patio and extended into the garden level, first floor, second floor and attic spaces of the house. The homeowners escaped without injuries.
- Residential structure fire on North Grant, the fire was contained to a second floor closet.
- LFRA conducted two large animal rescue operations, one in Buckskin Heights that involved three horses in a trench, heavy equipment was used to extricate them. The other rescue was on SW 2nd Street, a horse was stuck in mud in a swampy area near the river. All four horses involved in these rescues survived.

Apparatus Updates

- Construction on the new aerial tower has begun, we are on track for a final inspection in late November.
- The Airport Staff awarded the contract for a new ARFF truck to E-One Manufacturing.
- The Apparatus Committee continues to work on the plan for refurbishing the current aerial ladder truck that will become our reserve.

APPARATUS PROFILE
Engine 1
2010 Spartan / SVI
1500 gallon per minute pump
750 gallon water tank





Edgewood Dr. House Fire



North Grant Ave. House Fire



Otter Road Horse Rescue



Aerial Master Stream Training



SW 2nd Street Horse Rescue



Community Safety Division

Division Chief Ned Sparks

September 2014

Update/overview of division, significant programs and projects:

- ❖ The City of Loveland permitting center continues to be discussed with a draft operational that was reviewed with the City of Loveland Executive Leadership. Discussion continues regarding the location of the Fire Plan Reviewers within the building and the Development Review Team. Concepts are being created to look at various locations of the affected departments and personnel.
- ❖ The Building Department attempted to fill the open Plan Reviewer position without success and has been reposted for a larger candidate pool. The Fire Plan reviewers continue completing inspections in a timely manner and ensure the workload is maintained at an appropriate level, but are still being impacted by the open position in building. The need to review adding more duties to current CSD staff is being considered with the probability of reassignment of duties and reevaluating where the staff is focusing their efforts and time.
- ❖ Preparation to present fire code violations to City Council regarding the Lincoln Hotel. Meetings with the owners of the Lincoln Hotel have taken place and a punch list of items has been developed to work with the owners to resolve the outstanding violations, including the possibility of installing a fire sprinkler system.
- ❖ The Residential Fire Sprinkler recommendations will be presented to the Fire Authority Board and City Council in October. The committee had agreed that a meeting in September was unnecessary, as the final recommendation was agreed upon in August.
- ❖ Review of the fees charged in the Rural Fire Protection District are in review with a recommendation for changing the current fee structure moving forward. Thank you Renee and Carie for looking into the current rates and comparing to our region.
- ❖ Fire investigation at 526 N. Grant and 601 Edgewood Dr.

Significant Building Plan Reviews, Special Events and Inspection:

- Assisted designer with Foundations Church remodel
- Final inspections at Loveland Public Works Administration Building
- Assisted designer with CoL Water Treatment Plant
- Final inspections at new Fire Station 2
- Assisted designer and owner with Arcadia Hotel remodel

- 2014 Expo event at The Ranch
- Thunder in the Rockies
- Mud Brigade
- Oktoberfest

- 2 new hazmat permits issued
- 6 hazmat permit renewals
- 1 hazmat occupancy inspection
- Research and follow-up on parking issues at Sylmar Mobile Home Park
- Re-worked the HM permit program and scheduled upcoming permits in ETI
- Code research for McKee helipad site fire extinguisher requirement

Inspections and Fire Safety Visit - Engine Company visits (approximately 220 hours) and CSD staff, 610 total inspections year to date;

- Electrical violations 369 - 124 being extension cords, 63 being space around panels, 52 being multi-plug adapters and 37 being open junction boxes.
- Extinguisher issues 178
- Egress illumination(frog eyes) 87
- Working space around elec. Panels 63
- Current Knox keys 61
- Multi-plug adapters 52
- Combustibles in mech. Rooms 52
- Exit sign illumination 45
- Obstructed exits 35

Training & Public Education:

- ✓ Fire Inspection Technicians training for Fire Code – Nick Bukowski and Dustin Waldorf with Dan Engelhardt lead instructor assisted by Ty, Carie, Scott and Kurt. Great job to all involved!
- ✓ Safety event at The Egg & I, including 12 bike helmet fittings
- ✓ Safe Kids Larimer County coalition meeting at PVH
- ✓ LFRA Events Planning Committee meetings
- ✓ Fire and Life Safety Educators of Colorado meeting at Windsor Fire
- ✓ Safe Routes to School Task Force meeting
- ✓ Older Adults Fall Prevention Consortium meeting at PVH
- ✓ LFRA website and Facebook page updates
- ✓ CPS program scheduling
- ✓ BEC standby program scheduling
- ✓ Working on revising test bank questions for State FLSE-I certification
- ✓ In-service training for staff at Tharp Cabinets
- ✓ Compiled information for ISO preparation – requested by Ty Drage
- ✓ Youth Fire-setting Family Intervention Session

Office of Emergency Management

Captain Pat Mialy

September 2014

Office of Emergency Management Report

Flood Recovery

- On-going city recovery planning meetings
- On-going EOC improvement purchases and planning
- Attended Larimer County Long-Term Recovery Group meetings

Planning and Documentation

- Provided requested documentation to Storm Water for their flood plain rating reaccreditation
- On-going planning meetings for an emergency communications in EOC
- Reviewed County draft Resource Management Plan
- Participated in LFRA way development
- Participated in NEAHR THIRA workshop

Emergency Preparedness Relationships

- Attended MCR emergency preparedness group meeting
- Attended North East All-Hazards Region meeting
- Assisted Deputy Hobson ref Berthoud Expo planning
- Attended North Colorado Emergency Managers group meeting
- Assisted North Shore Manor with exercise planning
- Participated in State Conference planning meeting
- Hosted Larimer County Emergency Managers group meeting

Grants

- Delivered 13 Parks and Rec 800 MHz radios and equipment
- Submitted 2 HMGP grant applications on Aug 29th

Training and Public Outreach

- Gave presentation to Facility Managers at The Group
- Facilitated the 2014 Expo – over 330 attendees
- Attended Outlook 2013 training given by IT
- Began LEAD Loveland program
- Attended Incident Leadership and Decision-Making Workshop
- Provided MCV training to 6 LPD officers
- Co-instructed Web EOC class at LC

Exercises

- Participated in Larimer County EOC exercise

Other

- Participated in City Health Risk Assessment



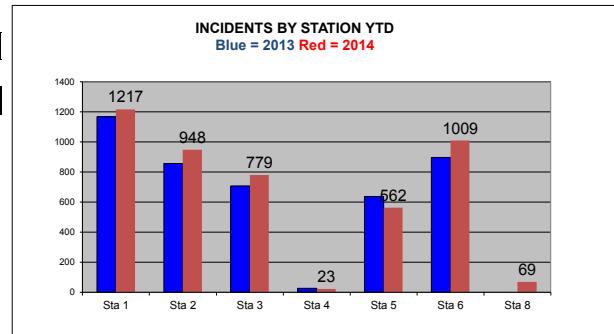
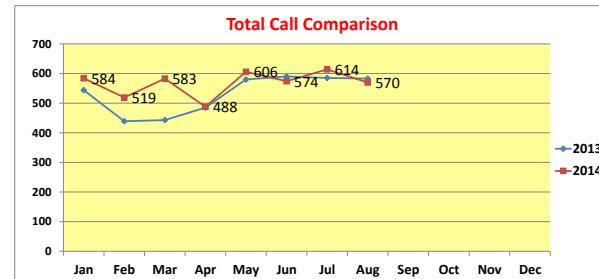
LOVELAND FIRE RESCUE AUTHORITY

August, 2014

57 of 62

CALL INFORMATION					% Prev. Yr.
INCIDENT TYPE	CITY	RURAL	MO. TOTAL	YTD	
Structure Fire (Residential)	3	0	3	23	
Structure Fire (Commercial)	0	0	0	1	
Vehicle Fire	1	0	1	22	
Grass/Wildland Fire	4	2	6	32	
Smoke/Odor Investigation	13	6	19	114	
Fire Alarm	44	4	48	385	
Other Fire	10	7	17	164	
Total Fire Related	75	19	94	741	17%
Total Medical (EMS)	248	36	284	2,343	52%
Motor Vehicle Accident	46	16	62	426	
Hazmat	14	1	15	102	
Water/Ice Rescue	0	0	0	10	
Carbon Monoxide	8	0	8	104	
Public Asst. (Service)	19	5	24	238	
Cancelled Enroute	33	35	68	484	
No Incident Found	4	0	4	56	
Standby	7	2	9	13	
Airport Standby	1	1	2	21	
Airport Emergency	0	0	0	0	
Total Miscellaneous	132	60	192	1,454	31%
Month-End Total	455	115	570		
Year Cumulative	3,667	871		4,538	
Percentage YTD	80%	20%			4,291

Average Response Times YTD in Minutes	Prev. Year	Fire Confined to Room of Origin	Previous Year
Call to Tone Out	2.83	2:28	75%
Dispatch to Enroute	1:01	1:11	
Enroute to 1st Arrival	2.91	3:30	
Average on Scene	10.75	12:28	



*Station 8s #s are already part of Station 3s #s.

Training & Reserve	Hrs/Month	Hrs/Prev Month	Hrs/Prev Yr.	Hrs/Year to Date
Shift	1026.7	766.35	9,067.00	9,449.80
Reservist	2.50	15.50	160.50	256.50
Admin	39.00	101.00	551.00	597.00
Total	1,068.20	882.85	9,778.50	10,303.30
Reservist Shift Hours	147.50	169.00	2,764.50	2,206.50

Specialized Disciplines Training				
YTD Courses	Prev. Yr. Courses	YTD Hrs.	Previous Yr. Hrs.	
Collapse	20	15	24	9
Rope	38	84	41.5	96
Confined Space	21	11	36.25	29
Search/Rescue	1	4	2	6
Water	49	43	116.25	62
TAC	7	2	10	2
Hazmat	66	55	53	102
Wildland	176	119	311.1	276
YTD TOTALS	378	333	594.1	582.00

MUTUAL/AUTO AID STATISTICS YTD				
	Received	Hours	Given	Hours
Fort Collins	35	21.5	76	32.75
Previous Year	33	30	62	41
Berthoud	9	9	13	7.5
Previous Year	22	22	49	39
Windsor	46	21.25	32	17.5
Previous Year	39	24	28	17
Johnstown	1	0	14	8
Estes Park	0	0	0	0
Previous Year Totals	94	76	139	97
YTD TOTALS	91	51.75	135	65.75

LOSS/SAVE INFORMATION				
Type of Fire	City		Rural	
	Loss	Save	Loss	Save
Residential Structure	\$51,620	\$1,423,638	\$ -	\$ -
Commercial Structure*	\$ -	\$ -	\$ -	\$ -
Other Fires	\$0	\$0		\$0
Month Total	\$0	\$0	\$ -	\$ -
Year Cumulative	\$747,582	\$5,075,141	\$28,734	\$253,977



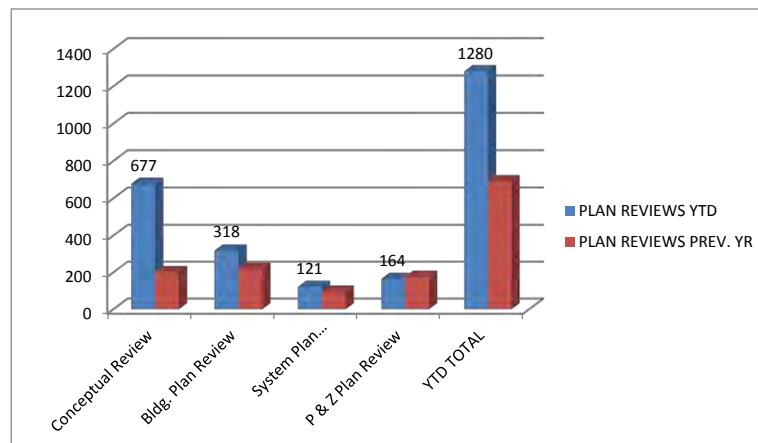
LOVELAND FIRE RESCUE AUTHORITY

August, 2014

PLAN REVIEW STATISTICS

	City	Rural	Totals	Hours
Conceptual Design	71	6	77	66
Previous Month	104	3	107	57
Previous Year	180	21	201	280
YTD Total	653	24	677	541
Building Plan Reviews	51	2	53	116.5
Previous Month	54	1	55	109.5
Previous Year	198	21	219	304
YTD Total	299	19	318	678
System Plan Reviews	9	X	9	12
Previous Month	13	X	13	12
Previous Year	92	X	95	130
YTD Total	123	X	121	116.5
P & Z Plan Reviews	16	6	22	25
Previous Month	17	1	18	35.5
Previous Year	166	10	176	225
YTD Total	150	14	164	298.5
TOTAL REVIEWS YTD	1223	60	1280	
Previous Year	636	55	691	

Plan Reviews YTD



Conceptual Design Check-Ins YTD 464 226 hrs.

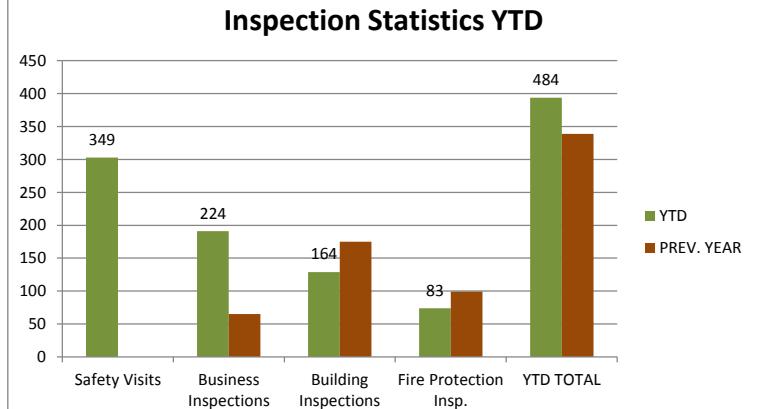
Average days in review - 7.2 days

Percent within goal time - 100% in August

INSPECTION STATISTICS

	City	Rural	Total	Hours
Eng. Co. Safety Visit*	349	0	349	179.5
Safety Re-Visit	46	0	46	23
Business Inspections	31	2	33	29
Previous Month	20	6	26	28
Previous Year	48	17	65	70
YTD Total	204	20	224	251
Building Construction	31	4	35	60
Previous Month	34	2	36	51
Previous Year	143	32	175	240
YTD Total	148	16	164	238.5
Fire Protection System	7	2	9	12
Previous Month	10	3	13	19
Previous Year	89	10	99	88
YTD Total	69	14	83	113.5
TOTAL INSPECTIONS YTD	436	48	484	
Previous Year	280	59	339	

Inspection Statistics YTD



YTD Total does not include Eng. Co. Safety Visits

*Engine Company Safety Visits are not included in YTD Totals

CSD OTHER ACTIVITIES

	City	Rural	Hours	Mo. Total	Prev. Mo.	Prev. Yr.	YTD Total	Highlights/Projects
Building/Systems Permits	9	0	1.25	9	13	95	114	*Chocolate Blues Festival
Hazmat Permits	6	6	2	12	13	76	84	*Residential Fire Investigation
Tents/Special Events	6	0	0.75	6	12	59	31	*Car Fire Investigation
Burn Permits Issued	0	3	0.75	3	2	85	83	*Work w/Karen Skillman about updating ETI Tracking
Investigations	4	0	12	4	4	39	22	*Orientation w/new FITs
Service Call/Complaints	4	0	3.5	4	4	63	39	*Special Event Permits County Fair, Art in the Park,
Car Seats Installed	8	0	4	8	15	86	109	*Safety Fair @ Sunrise Comm. Health Ctr.
JFS Program	0	0	0	0	6	11	9	*Fire Safety & Extinguisher Trng. For Water Dept.
Public Education Events	2	0	6	2	7	38	42	*Planning for 2014 Emergency Preparedness &
Total Pub. Ed. Contacts	70	0		70	1087	2,257	3,024	

EATON FIRE PROTECTION DISTRICT

50 SOUTH MAPLE, EATON, CO 80615

970-454-2115
FAX 970-454-2164

September 26, 2014

Dear Loveland Fire Rescue Authority,

This year marked an auspicious occasion as the Eaton Fire Protection District celebrated a century of service to the community. As we marked this event with a celebration of service and commitment we asked our partners to share in this experience. Specifically, your agency helped to make this occasion one to remember.

Eaton Fire would like to extend our gratitude for your participation in our celebration. Eaton Fire's centennial could not have been the success it was without the assistance of Loveland Fire Rescue Authority. Ron Hill and Jason Tanner showed the best attributes of your agency; the ones that we have known for a long time define LFRA. Several citizens who participated as well in our celebration noticed your dedication and pride and commented to us how impressed they were.

As the Eaton Fire Protection District moves forward another century of service, the department will continue to admire and appreciate the support of the community and the agencies that have partnered with this department for the first 100 years. Once again, thank you for all of your assistance and devotion to making our centennial celebration a great success.

Sincerely,

Captain Travis Miller

Eaton Fire Protection District
50 South Maple Avenue
Eaton, CO 80615
Bus: [970.454.2115](tel:970.454.2115)
Fax: [970.454.2164](tel:970.454.2164)
Cell: [970.481.0638](tel:970.481.0638)

tute domum...safely home

Trent Edelman
Division Chief of Special Operations
Eaton Fire Protection District
50 S. Maple Ave.
Eaton, CO 80615

970-454-2115

EATON FIRE PROTECTION DISTRICT

50 SOUTH MAPLE, EATON, CO 80615

**970-454-2115
FAX 970-454-2164**

[tedelmon@eatonfire.org.](mailto:tedelmon@eatonfire.org)



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
 National Weather Service
 325 Broadway
 Boulder, CO 80305

September 8, 2014

Pat Mialy
 Loveland Office of Emergency Management
 410 East 5th Street
 Loveland, CO 80537

Dear Pat,

On behalf of the Northeast Colorado StormReady Advisory Board, we would like to congratulate you on the StormReady® recognition for Loveland. This success is clearly a result of your vision, leadership, hard work and commitment to the citizens of Loveland. The community should take great pride in having achieved this recognition.

Loveland current StormReady® recognition is valid for three years. The recognition will expire on September 8, 2017. We recommend applying for renewal recognition at least six months prior to that date.

Your StormReady recognition is based on your accomplishments in the following areas:

- Establishment of a 24-hour warning point and emergency operations center;
- Creation of more than one way to receive severe weather forecasts and warnings, as well as multiple ways to alert the public;
- Creation of a system that monitors local weather conditions;
- Promotion of the importance of public readiness through community seminars;
- Development of a formal hazardous weather plan, which included training severe weather spotters and holding emergency exercises

As a StormReady Community, the city of Loveland is authorized to use the StormReady logo on official letterheads, brochures and other suitable documents. You will also be provided with one StormReady sign for public display. You are authorized to purchase additional signs; signs can be purchased from Unicor or the Oklahoma Correction Industries. More information on the ordering process is included with this letter.

Finally, if Loveland participates in the National Flood Insurance Program, you may now be eligible for 25 additional Insurance Service Organization (ISO) community rating-system points.

Please visit the StormReady® website at www.stormready.noaa.gov to see Loveland on our national map of StormReady Communities and to read the latest information on StormReady®. The National Weather Service is proud to have you as part of the growing StormReady® family.

Sincerely,

Nezette Rydell
 Meteorologist in Charge
 National Weather Service
 325 Broadway, Boulder, CO 80015

Dave Hard
 Director
 Colorado Office of Emergency Management
 9195 East Mineral Ave, Centennial, CO 80112



StormReady™ & TsunamiReady™ Signs

For Official Use Only: The StormReady™ Logo is a Certification Mark of the Department of Commerce. Signs are 24" x 24" on Reflective Grade Aluminum. StormReady™ and TsunamiReady™ communities can purchase additional 24"x24" signs from the following places.

Unicor

James Halbeisen
Sign Factory Manager
3901 Klein Blvd.
Lompoc, CA 93436
Phone: 805-735-6211
Fax: 805-735-4507
ihalb@central.unicor.gov
check with them for current pricing

Oklahoma Correctional Industries

3402 N. M.L. King Ave. Oklahoma City , OK 73111
Phone: [405-964-7206](tel:405-964-7206)
Fax: [405-964-7221](tel:405-964-7221)
Signs are \$41.55 each plus shipping and handling