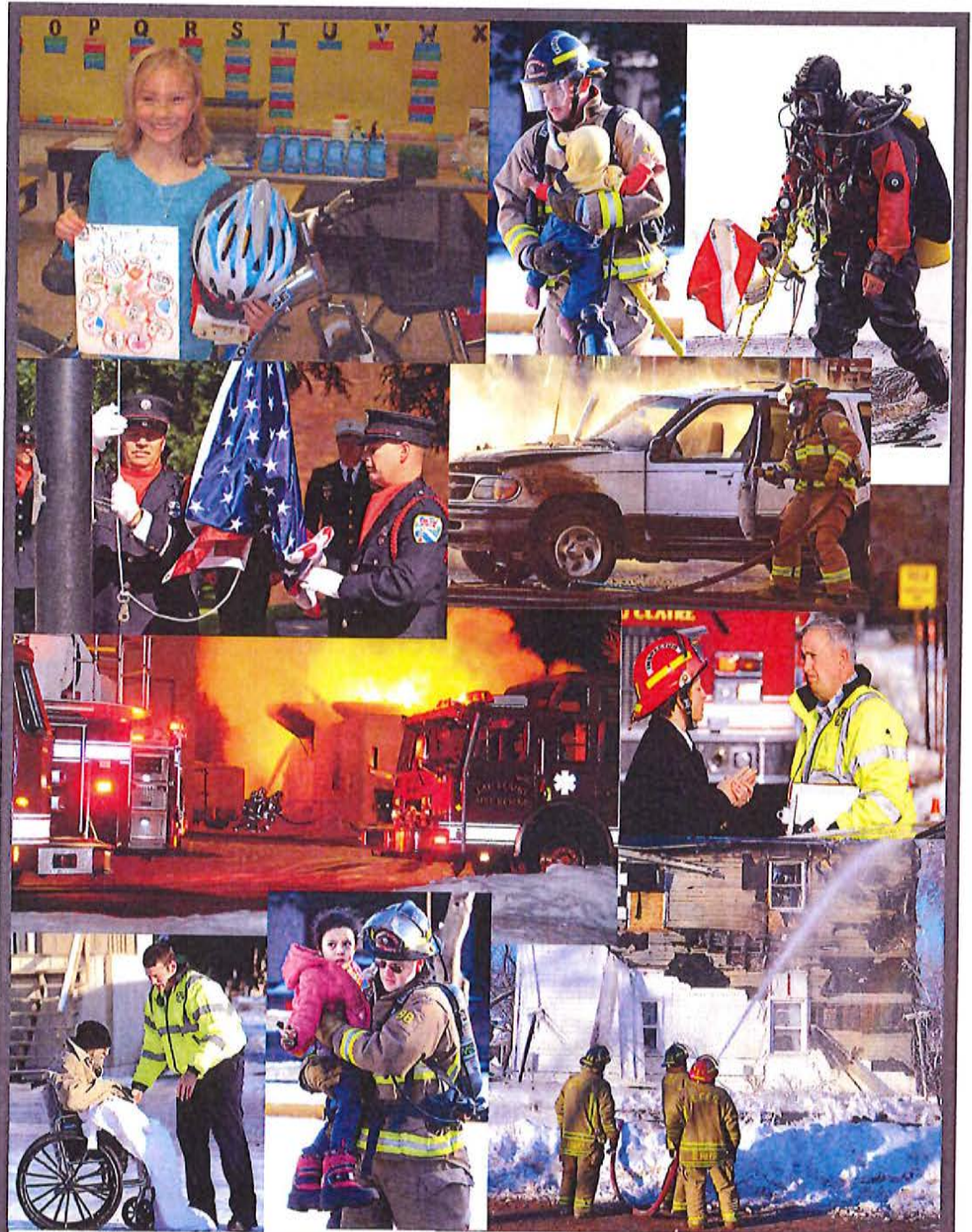


# Eau Claire Fire & Rescue

2011

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*Fire Administration \* 216 S Dewey Street \* Eau Claire WI 54701  
www.eauclairewi.gov \* ecfire@eauclairewi.gov \* 715-839-5012*

\*Photos courtesy of Eau Claire Leader Telegram



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## MISSION STATEMENT

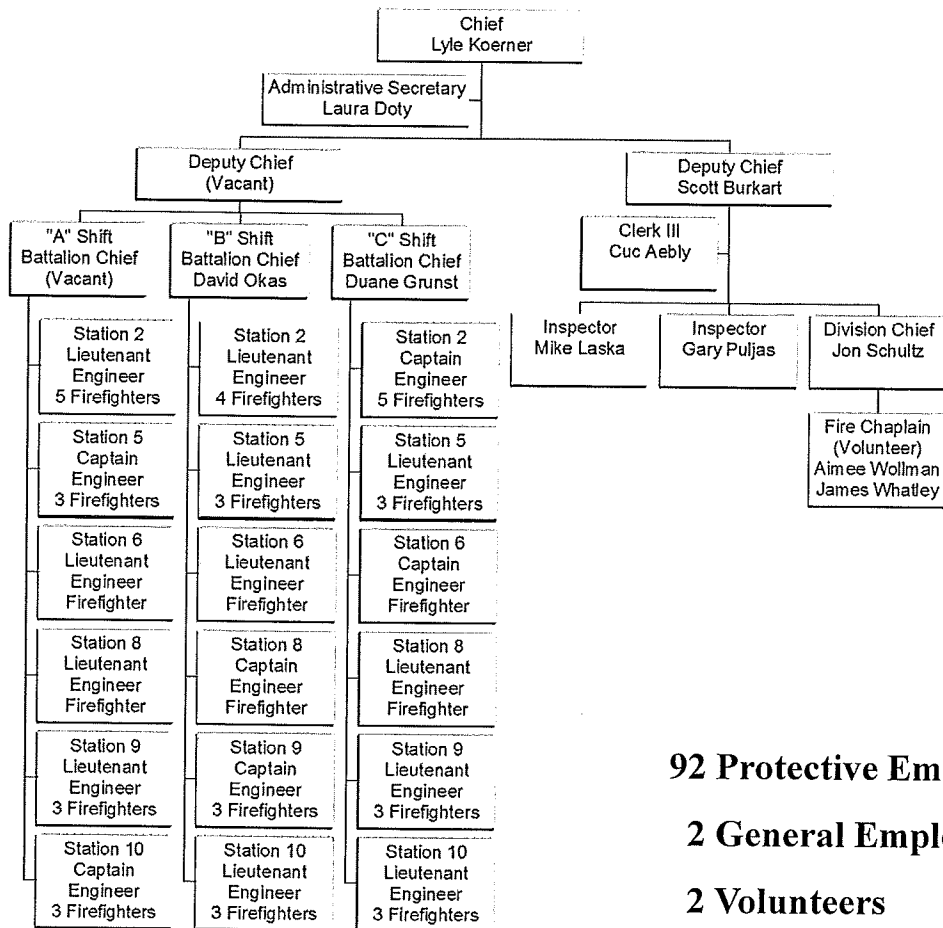
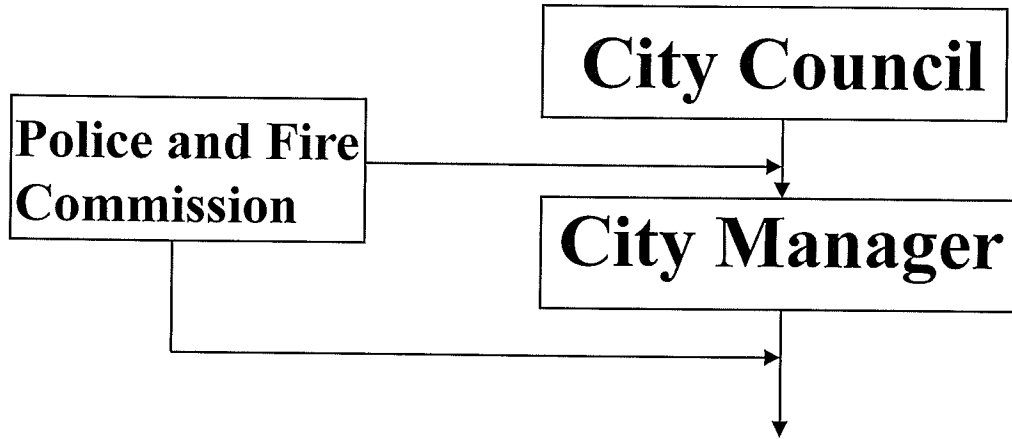
*Eau Claire Fire and Rescue's mission is to public health and safety achieved through developing, promoting, and maintaining a comprehensive network of emergency medical services, fire prevention and suppression, technical rescue, and hazard mitigation.*

*Through progressive education, diligent training, and integrated communication, our team will collectively provide sustainable, high quality services focused on customer satisfaction and the prudent utilization of public funds.*

## VISION STATEMENT

*Eau Claire Fire and Rescue will be a leading regional public health and safety partner by continually and actively promoting excellence in the performance of our duties.*

*We will support a dedicated membership of honest, accountable professionals who exemplify honor and integrity to build and retain public trust.*



**92 Protective Employees**  
**2 General Employees**  
**2 Volunteers**  
**96 Total**

**Stations 5, 9 and 10 are staffed for Paramedic Response**

---

## ADMINISTRATIVE AND PREVENTION PERSONNEL

Lyle Koerner .....Fire Chief

(Vacant) .....Deputy Chief of Operations

Scott Burkart ..... Deputy Chief of Prevention / EMS

Jon Schultz.....Division Chief of EMS

Laura Doty ..... Administrative Secretary

Michael Laska ..... Fire Inspector

Gary Puljas..... Fire Inspector

Cuc Aebly .....Clerk III, Prevention

(Vacant) ..... Battalion Chief, "A" Shift

David Okas..... Battalion Chief, "B" Shift

Duane Grunst ..... Battalion Chief, "C" Shift

---

## EAU CLAIRE FIRE FIGHTERS LOCAL 487 ELECTED POSITIONS

PRESIDENT: Chris Bell

VICE PRESIDENT: Bob Haller

SECRETARY: Steve Secker

TREASURER: Bill Drath

GUIDE: Dave Lombardo

SGT-AT-ARMS: Tom Rebeschke

STEWARDS: Jeff Patrow (A-Shift)  
Brian Toonen (B-Shift)  
Matt Jaggar (C-Shift)

TRUSTEES: Tony Hennings  
Steve Vargo  
Tom Wallin

WORKING  
RELATIONS: Chris Bell  
Bob Haller  
Tony Biasi

# **Personnel / Stations**







**Lyle Koerner**  
**Fire Chief**



**Scott Burkart**  
**Deputy Chief**



**(Vacant)**  
**Deputy Chief**



**Jon Schultz**  
**Division Chief**



**Duane Grunst**  
**Battalion Chief**



**Dave Okas**  
**Battalion Chief**



**(Vacant)**  
**Battalion Chief**



**Laura Doty**  
**Admin. Secretary** 6



**Cuc Aebly**  
**Prevention Clerk III**



**Michael Laska**  
Inspector



**Gary Puljas**  
Inspector



**Glen Axness**  
Captain



**Scott Walby**  
Captain



**Tim Deziel**  
Captain



**Bryon Bensen**  
Captain



**Greg Stegge**  
Captain



**Allyn Bertrang**  
Captain-Reserve Medic



**Steve Hanson**  
Lieutenant



**Loren Travis**  
Lt.-Reserve Medic



**Joe Snow**  
Lieutenant



**Terry Bechel**  
Lieutenant



**Lance Hanson**  
Lieutenant



**Ben Hays**  
Lt.-Reserve Medic



**Bruce Buchholz**  
Lt.-Reserve Medic



**Rob Goodland**  
Lieutenant-Medic



**Joe Kelly**  
Lieutenant



**Bob Pratt**  
Lieutenant



**Brian Kranz**  
Lieutenant



**(Vacant)**  
Lieutenant



**Kevin Frank**  
Engineer



**Joel Pettis**  
Engineer



**Dave Lombardo**  
Engineer



**Dennis Duncan**  
Engineer



**John Biegel**  
Engineer



**Al Klocek**  
Engineer



**BouaChao Xiong**  
Engineer



**Pete Fasching**  
Engineer



**Mike Miller**  
Engineer-Medic



**Jeff Patrow**  
Engineer



**Don Rydzik**  
Engineer



**Kevin McClellan**  
Engineer



**Chris Dolen**  
Eng.-Reserve Medic



**Shawn Abrahamson**  
Engineer



**Chris Bell**  
Engineer



**Steve Vargo**  
Engineer



**Tom Rebischke**  
Engineer



**(Vacant)**  
Engineer



**Scott Mohr**  
Firefighter



**Drew Dorn**  
Firefighter



**Todd Frank**  
Firefighter-Medic



**Denise Waterman**  
FF-Reserve Medic



**Matt Jaggard**  
Firefighter



**Dave Whitehouse**  
Firefighter



**Jamie Burkhardt**  
Firefighter-Medic



**Stephen Secker**  
Firefighter



**Frank Leffelman**  
FF-Reserve Medic



**Jeff Dykes**  
Firefighter-Medic



**Bill Jensen**  
Firefighter



**Pat Hamler**  
Firefighter



**Dave Pekol**  
Firefighter



**Greg Johnson**  
Firefighter



**Jeremy Stary**  
Firefighter-Medic



**Bill Drath**  
Firefighter-Medic



**Brian Toonen**  
Firefighter-Medic



**Tim Brantner**  
Firefighter



**Brian Phillips**  
Firefighter-Medic



**Mark Humphrey**  
Firefighter-Medic



**Bob Haller**  
Firefighter-Medic



**Stephen Friederichs**  
Firefighter



**Dave Strassman**  
Firefighter-Medic



**Tony Biasi**  
Firefighter-Medic



**Matt Gunderson**  
Firefighter-Medic



**Tom Wagner**  
Firefighter-Medic



**Ryan Hebert**  
Firefighter-Medic



**Tom Wallin**  
Firefighter



**Nils Bergquist**  
Firefighter-Medic



**Jeff Dahl**  
Firefighter



**Tony Hennings**  
Firefighter-Medic



**Brian Mero**  
Firefighter-Medic



**Kasondra Atwood**  
Firefighter-Medic



**Natasha Myre**  
Firefighter-Medic



**Levi Vlcek**  
Firefighter-Medic



**Steve Rindt**  
Firefighter-Medic



**Benji Norberg**  
Firefighter-Medic



**Dan Schroeder**  
Firefighter-Medic



**Abel Peterson**  
Firefighter-Medic



**Isaac Hahn**  
Firefighter-Medic



**Ryan Lesperance**  
FF-Reserve Medic



**Josh Olson**  
FF-Reserve Medic



**Jordan Waack**  
**FF-Reserve Medic**



**Brian Dorn**  
**FF-Reserve Medic**



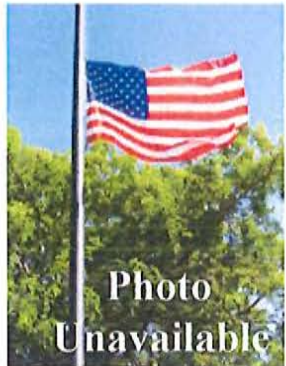
**Joe Simonson**  
**FF-Reserve Medic**



**Nick Bartholomew**  
**FF-Reserve Medic**



**Jim Fenno, MD**  
**Medical Director**



**James Whatley**  
**Chaplain**



**Aimee Wollman**  
**Chaplain**

# PERSONNEL ACTIVITIES

## **New Hires:**

Nicholas Bartholomew  
Brian Dorn  
Joe Simonson  
Jordan Waack

## **Promotions:**

Chris Bell to Engineer  
Tim Deziel to Captain  
Joe Kelly to Lieutenant  
Lyle Koerner to Chief  
Brian Kranz to Lieutenant  
Mike Laska to Inspector  
Bob Pratt to Lieutenant  
Tom Rebischke to Engineer  
Steve Vargo to Engineer

## **Separations:**

Perry Kyser  
Stephen Weyers

## **Retirements:**

Ed Kassing (Chief)  
Wayne Klett (Captain)  
Mark Legge (Lieutenant)  
Bill Mengele (Lieutenant)  
Kim Nessel (Battalion Chief)  
Janet Segeiken (Inspector)

## **Step Increases:**

Firefighter Nils Bergquist to First Class Firefighter  
Firefighter Jeff Dahl to First Class Firefighter  
Firefighter Tony Hennings to First Class Firefighter



Firefighter Brian Mero to Second Class Firefighter  
Firefighter Kasondra Atwood to Third Class Firefighter  
Firefighter Natasha Myre to Third Class Firefighter  
Firefighter Benji Norberg to Third Class Firefighter  
Firefighter Steve Rindt to Third Class Firefighter  
Firefighter Levi Vlcek to Third Class Firefighter  
Firefighter Dan Schroeder to Third Class Firefighter  
Firefighter Abel Peterson to Fourth Class Firefighter  
Firefighter Isaac Hahn to Fourth Class Firefighter

## SENIORITY RECORD

<u>NAME</u>		<u>RANK</u>	<u>DOH</u>
Axness	Glen	Captain	03-29-82
Koerner	Lyle	Chief	01-10-83
Hanson	Steven	Lieutenant	07-11-83
Burkart	Scott	Deputy Chief	02-06-84
Frank	Kevin	Engineer	02-06-84
Travis	Loren	Lieutenant	02-06-84
Snow	Joseph	Lieutenant	02-06-84
Bechel	Terrance	Lieutenant	07-23-84
Pettis	Joel	Engineer	12-10-84
Lombardo	David	Engineer	03-04-85
Grunst	Duane	Battalion Chief	03-04-85
Duncan	Dennis	Engineer	03-04-85
Biegel	John	Engineer	12-09-85
Okas	David	Battalion Chief	12-09-85
Walby	Scott	Captain	12-09-85
Klocek	Alan	Engineer	05-12-86
Hanson	Lance	Lieutenant	06-13-88
Aebly	Cuc	Fire Prev. Secretary	05-08-89
Hays	Benny	Lieutenant	05-07-90
Deziel	Timothy	Captain	05-07-90
Buchholz	Bruce	Lieutenant	10-01-90
Xiong	BouaChao	Engineer	05-13-91
Fasching	Peter	Engineer	09-03-91
Goodland	Robert	Lieutenant	04-06-92
Miller	Michael	Engineer	04-06-92
Kelly	Joe	Lieutenant	11-02-92
Pratt	Robert	Lieutenant	11-02-92
Patrow	Jeffrey	Engineer	10-04-93
Bensen	Bryon	Captain	10-04-93
Stegge	Gregory	Captain	10-04-93
Laska	Michael	Inspector	06-05-95
Kranz	Brian	Lieutenant	06-05-95
Schultz	Jon	Division Chief	06-05-95
Rydzik	Donald	Engineer	02-05-96
Bertrang	Allyn	Captain	09-16-96

<u>NAME</u>		<u>RANK</u>	<u>DOH</u>
McClellan	Kevin	Engineer	09-16-96
Dolen	Christopher	Engineer	09-16-96
Abrahamson	Shawn	Engineer	04-21-97
Bell	Christian	Engineer	04-21-97
Vargo	Steven	Engineer	04-21-97
Rebischke	Thomas	Engineer	04-21-97
Mohr	Scott	Firefighter	10-20-97
Dorn	Andrew	Firefighter	04-20-98
Frank	Todd	Firefighter	04-20-98
Waterman	Denise	Firefighter	04-27-98
Jaggar	Matthew	Firefighter	08-24-98
Whitehouse	David	Firefighter	08-24-98
Burkhardt	Jamie	Firefighter	08-24-98
Secker	Stephen	Firefighter	02-15-99
Leffelman	Frank	Firefighter	02-15-99
Doty	Laura	Admin. Secretary	06-28-99
Dykes	Jeffrey	Firefighter	11-01-99
Jensen	William	Firefighter	11-01-99
Hamler	Patrick	Firefighter	11-01-99
Pekol	David	Firefighter	05-08-00
Johnson	Gregory	Firefighter	05-08-00
Stary	Jeremy	Firefighter	05-08-00
Drath	William	Firefighter	04-09-01
Toonen	Brian	Firefighter	04-09-01
Brantner	Timothy	Firefighter	04-09-01
Phillips	Brian	Firefighter	04-09-01
Humphrey	Mark	Firefighter	10-22-01
Haller	Robert	Firefighter	08-19-02
Friederichs	Stephen	Firefighter	08-19-02
Strassman	David	Firefighter	08-19-02
Biasi	Tony	Firefighter	12-09-02
Gunderson	Matthew	Firefighter	11-29-04
Wagner	Thomas	Firefighter	11-29-04
Hebert	Ryan	Firefighter	11-29-04
Puljas	Gary	Inspector	01-27-06
Wallin	Thomas	Firefighter	01-30-06
Bergquist	Nils	Firefighter	08-07-06
Dahl	Jeffrey	Firefighter	08-07-06

<u>NAME</u>		<u>RANK</u>	<u>DOH</u>
Hennings	Anthony	Firefighter	01-08-07
Mero	Brian	Firefighter	07-09-07
Atwood	Kasondra	Firefighter	07-07-08
Myre	Natasha	Firefighter	07-07-08
Vlcek	Levi	Firefighter	07-07-08
Rindt	Steven	Firefighter	07-07-08
Norberg	Benjamin	Firefighter	07-07-08
Schroeder	Daniel	Firefighter	11-03-08
Peterson	Abel	Firefighter	07-13-09
Hahn	Isaac	Firefighter	07-13-09
Lesperance	Ryan	Prob. Firefighter	07-12-10
Olson	Joshua	Prob. Firefighter	07-12-10
Waack	Jordan	Prob. Firefighter	02-28-11
Dorn	Brian	Prob. Firefighter	06-20-11
Simonson	Joseph	Prob. Firefighter	06-20-11
Bartholomew	Nicholas	Prob. Firefighter	06-20-11

AVERAGE AGE – 41

AVERAGE YEARS OF SERVICE - 15

# STATION LOCATIONS / STAFFING

## Station 2 - 216 S. Dewey Street

- 4 Personnel per day
- Fire Engine
- Heavy Rescue Unit
- Hazardous Materials Assessment Vehicle
- Hazardous Materials Equipment Trailer
- Battalion Chief Command Car
- Collapse Rescue Vehicle
- Administrative Offices



# 2

## Station 5 - 2500 Patton Street

- 5 Personnel per day
- Fire Engine
- Paramedic Ambulance and Reserve Ambulance



# 5

## Station 6 - 3020 Golf Road

- 3 Personnel per day
- Fire Engine and Reserve Engine



## Station 8 - 3510 Starr Avenue

- 3 Personnel per day
- Fire Engine and Reserve Engine



# 6

## Station 9 - 3611 Campus Road

- 5 Personnel per day
- Fire Engine
- Paramedic Ambulance and Reserve Ambulance



# 8

## Station 10 - 559 North Hastings Way

- 5 Personnel per day
- Fire Engine
- Paramedic Ambulance and Reserve Ambulance
- Brush Vehicle
- Special Rescue All-Terrain Vehicle



# 10



# 9



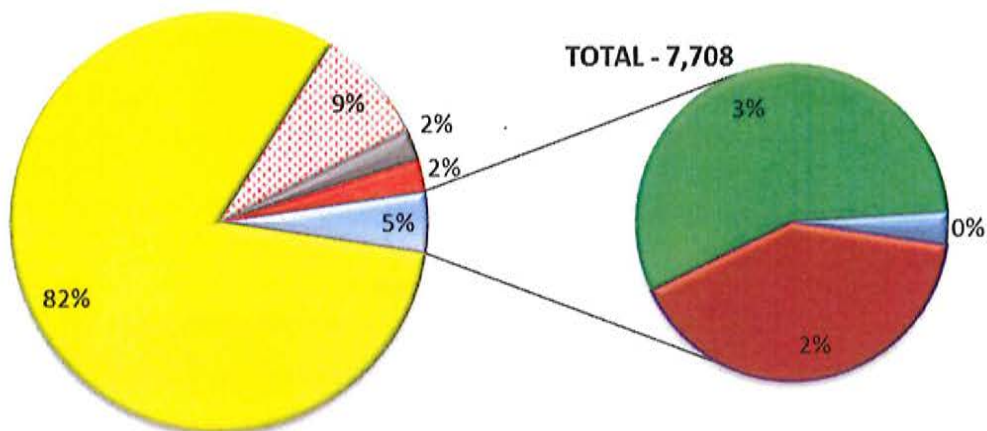
# **Response Statistics**



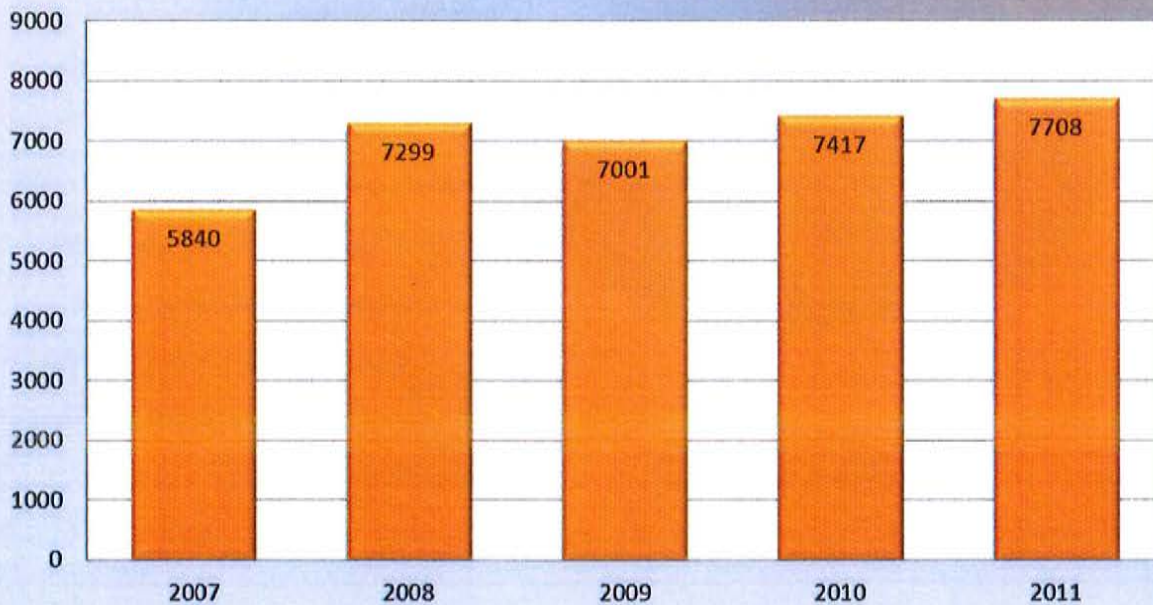


## Response Breakdown

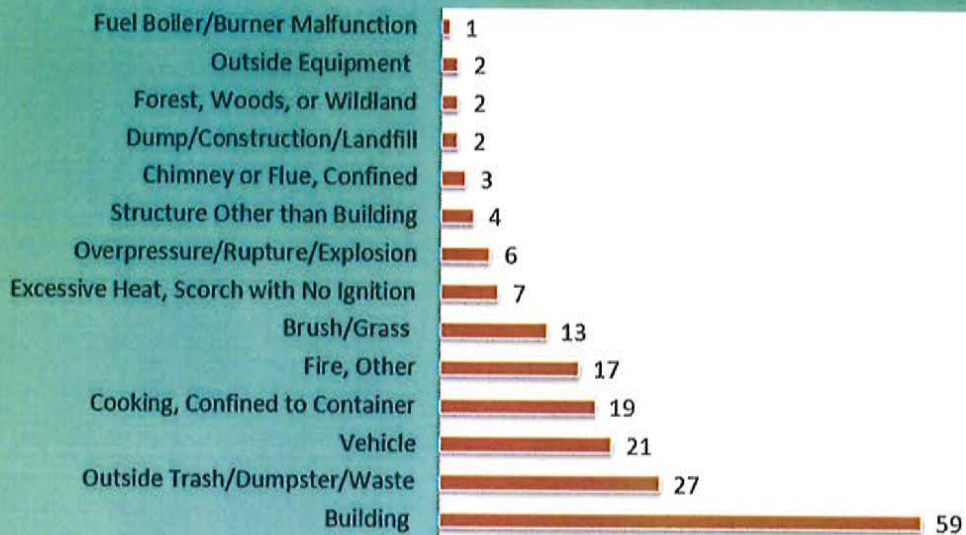
- EMS - 6294
- Automatic Alarms - 682
- Fire - 183
- Good Intent - 189
- Service Calls - 146
- Hazardous Conditions - 202
- Special Request - 12



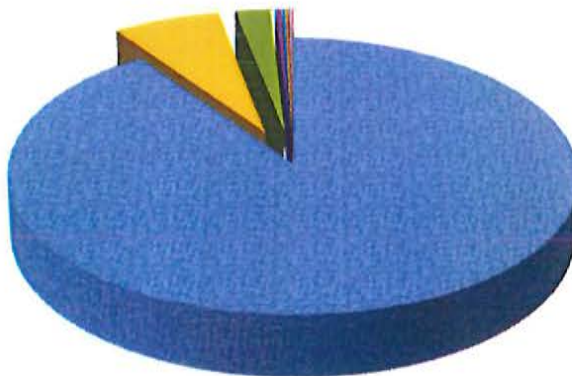
## 5-Year Total Responses



## Fire Responses by Type



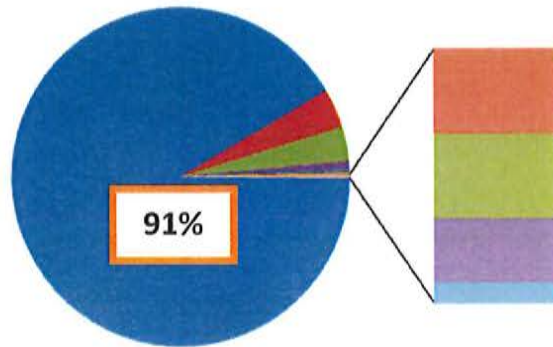
## Fire Loss by Type



**\$2,476,988**

## EMS - Rescue Response Types

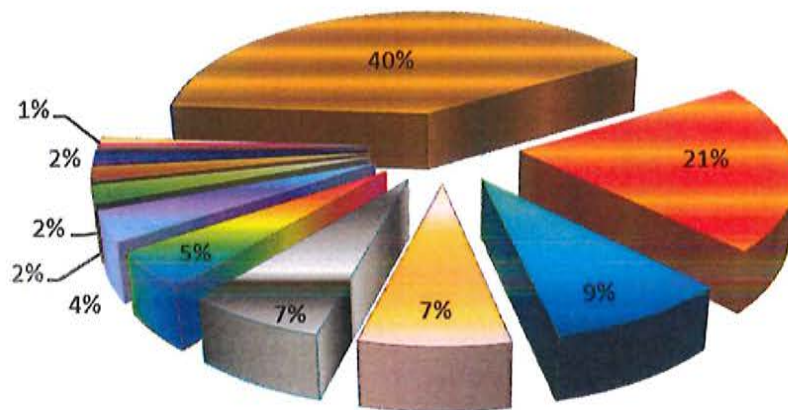
6,294



- EMS, Excluding Veh Accident with Injury - 5757
- Vehicle Accident with Injuries - 234
- Medical Assist - 203
- Vehicle Accident with no Injuries - 50
- Vehicle/Pedestrian Accident - 18
- Water/Ice Related Rescue - 14
- Rescue, EMS Incident, Other - 6
- Rescue or EMS Standby - 4
- Extrication Rescue - 4
- Removal of Subject from Stalled Elevator - 3
- Trapped by Power Lines - 1

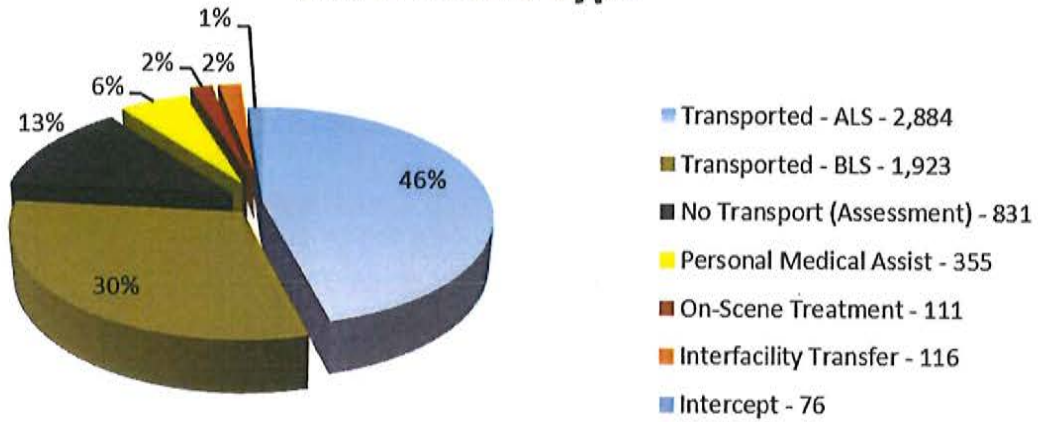
## Regional EMS Responses

- Altoona - 547
- Washington - 284
- Union - 124
- Fall Creek - 101
- Seymour - 94
- Brunswick - 63
- Pleasant Valley - 51
- Ludington - 29
- Lincoln - 23
- Rock Creek - 22
- Spring Brook - 16

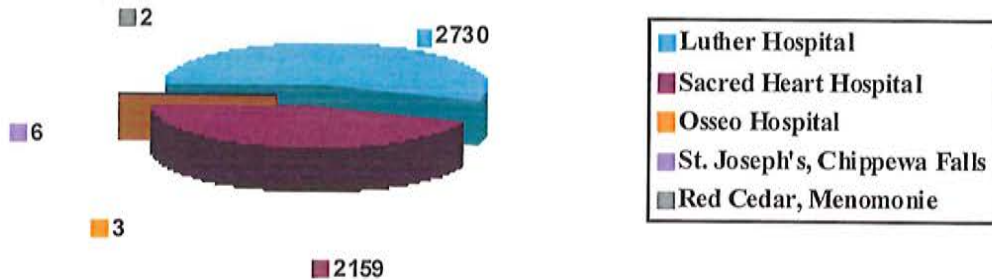


1,354

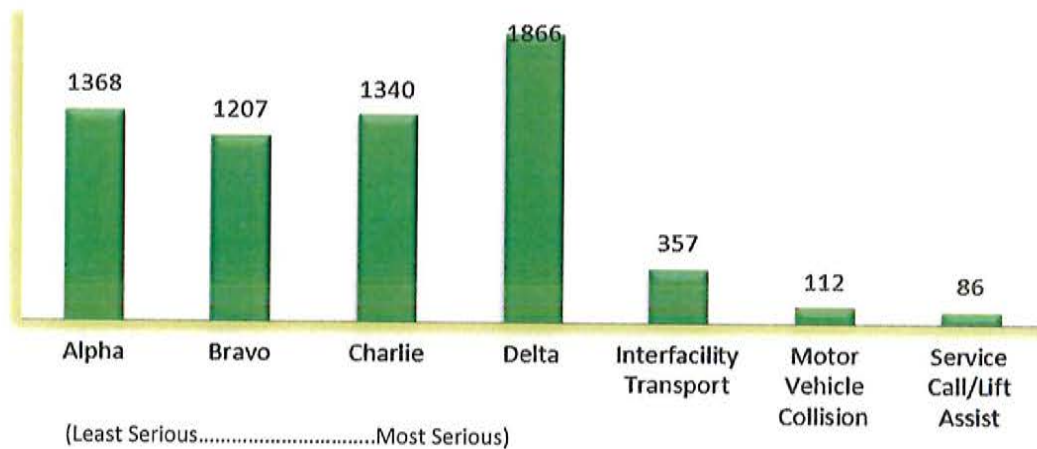
## EMS Patient Type



## Patient Transport Destinations



## Incidents by Trauma Designation



## TOP 20 FIRES BY CAUSE AND DOLLAR LOSS

<u>DATE</u>	<u>ADDRESS</u>	<u>CAUSE</u>	<u>DOLLAR LOSS</u>
02-28-11	1313 Western Ave.	Undetermined	\$170,400
02-07-11	3925 N. Hastings Wy.	Manufacturing Machine Malfunction	\$130,000
05-15-11	644 Putnam St.	Suspicious / Undetermined	\$121,000
01-02-11	905 Wedgewood Ave.	Smoking Materials	\$115,000
07-19-11	800 Wisconsin St.	Manufacturing Machine Explosion	\$101,000
01-22-11	1122 Bellevue Ave.	Unattended Cooking	\$ 95,300
03-13-11	2101 Providence Ct.	Careless Disposal of Wood Chips Used for Grilling	\$ 88,000
05-15-11	642 Putnam St.	Suspicious/Undetermined	\$ 75,000
10-02-11	1119 2 <sup>nd</sup> Ave.	Arson	\$ 71,000
06-26-11	4122 Paula Pl.	Negligent Handling of Smoking Materials	\$ 65,000
12-09-11	4607 Fairfax St. #1	Combustibles Too Close to Heater	\$ 60,000
10-25-11	320 Putnam St.	Arson	\$ 51,000
07-25-11	1200 Forest St.	Manufacturing Machine Malfunction	\$ 50,000
05-18-11	1025 W. MacArthur #113	Unattended Candle	\$ 41,000
08-09-11	119 Beach St.	Electrical	\$ 35,000
05-29-11	4814 Speros Ln. #1	Careless Disposal of Burnt Items/Ash	\$ 33,000
01-22-11	817 Revere St.	Child Playing with Lighter	\$ 28,000
07-31-11	1104 Birch St.	Vehicle Fire	\$ 28,000
03-10-11	901 S. Farwell St. #435	Negligent Handling of Smoking Materials	\$ 25,000
06-19-11	620 Birch St.	Undetermined	\$ 25,000
<b>TOTAL</b>			<b>\$1,412,700</b>



# **Accomplishment Highlights**





## ACCOMPLISHMENTS

### Response Statistics

In 2011, the department responded to 7,708 calls for service, an increase of 3.9 percent from 2010.

TYPE	2011	2010
EMS/Rescue	6,294	6,056
Fire/Rescue	183	157
Malfunctioning Alarms	682	621
Hazardous Conditions	202	181
Service Calls	146	164
Good Intent Calls	189	210
Special Requests	12	28
Total Fire Loss	\$2,476,988	\$1,354,158
RUN TOTAL:	7,708	7,417

Incidents with loss of at least \$50,000 were:

- 1313 Western Avenue – Business (\$170,400)
- 2925 N. Hastings Way – Business (\$130,000)
- 644 Putnam Street – Multi-Family Dwelling (\$121,000)
- 905 Wedgewood Avenue – 1- or 2-Family Dwelling (\$115,000)
- 800 Wisconsin Street – Business (\$101,000)
- 1122 Bellevue Avenue – 1- or 2-Family Dwelling (\$95,300)
- 2101 Providence Court – Multi-Family Dwelling (\$88,000)
- 642 Putnam Street – Multi-Family Dwelling (\$75,000)
- 1119 2<sup>nd</sup> Avenue – 1- or 2-Family Dwelling (\$71,000)
- 4122 Paula Place – 1- or 2-Family Dwelling (\$65,000)
- 4607 Fairfax Street, #1 – Multi-Family Dwelling (\$60,000)
- 320 Putnam Street – Business (\$51,000)
- 1200 Forest Street – Business (\$50,000)

### Hirings, Promotions, and Separations

There were six retirements in 2011: Capt. Wayne Klett on March 27, Lt. Mark Legge on May 3, Chief Ed Kassing on November 11, B.C. Kim Nessel on November 29, Lt. Bill Mengele on December 3, and Insp. Janet Segelken on December 9. The aforementioned retirements resulted in many promotions and subsequent hirings. Promoted during the year were Joe Kelly to Lieutenant and Chris Bell to Engineer on January 21; Tim Deziel to Captain, Bob Pratt and Brian Kranz to Lieutenant, Steve Vargo and Tom Rebeschke to Engineer on May 17; Lyle Koerner to Fire Chief on November 11; and Mike Laska to Fire Inspector on December 12. There were two resignations from the department: FF/Medic Perry Kyser on January 13 and FF/Medic Steve Weyers on November 29. Beginning employment with the department as Firefighter/Medics were Jordan Waack on February 28 and Nick Bartholomew, Brian Dorn, and Joe Simonson on June 20.

### Equipment Grants

In 2011, the department applied for \$95,048 in grant monies to procure the purchase of a Video Conferencing Training System. This communication/training system would aid in ensuring quality delivery of services while minimizing potential delays caused by out-of-service units. This system would be implemented within the six fire department stations and would be available to our partnered agencies.

Last year, the department applied for grant monies to purchase a Self-Contained Breathing Apparatus (SCBA) air compressor and an emergency back-up generator for station 8. The total grant application in the amount of \$46,250 was approved in April 2011. The department is in the process of purchasing and installing these items for operation.

In 2011, the department replaced its aged fire safety house. Monies were obtained through 2010 grants and generous donations from our community partners. The cost of this fire prevention tool was approximately \$56,900. As soon as the safety house arrived and was placed into service, it was busy being used at several public education venues. Twelve departments have signed on and through a membership fee are able to use the safety house for their public education needs in their community.

The department also purchased a side scan sonar unit in 2011 that is utilized in water rescue and recovery situations. Grant monies were received from Xcel Energy and Eau Claire Coop Energy to assist the department in purchasing this unique tool. This tool was immediately utilized in rescue and recovery efforts in the summer months.

### Training

All firefighters, officers, staff officers, and telecommunicators from the Communications Center completed an orientation and training session on MABAS (Mutual Aid Box Alarm System), which was implemented in Eau Claire County on April 1. The MABAS system is a pre-arranged mutual aid callout system used for large fire and other emergency incidents.

FFs Kasondra Atwood and Isaac Hahn attended SCUBA dive training in Black River Falls for ice diving. FF Jordan Waack attended advanced open water dive training. All three firefighters are on the dive team.

Forty-eight members completed an 80-hour State certified Fire Officer I class presented through Chippewa Valley Technical College. Twenty-five of the 48 students passed the practical and written exams to achieve State-certified fire officer I status. This certification was optional.

The Potash Corporation, the largest manufacturer of ammonia provided three—one for each shift—seven-hour classes on hazardous material response to Ammonia releases for all hazmat technicians. The class included hands-on practical drills on a training railroad car shipped in and set up on a seldom-used railroad spur provided by Plank Industries.

Staff officers and the on-duty firefighters from stations 2 and 10 participated in a full-scale natural gas leak drill with Xcel Energy in August. The drill scenario included a construction crew that hit a simulated gas main, causing a gas leak, subsequent structure fire, and evacuation of the neighborhood.

In March, D.C. Scott Burkart and Div. Chief Jon Schultz attended the annual Fire Department Instructors' Conference in Indianapolis.

In June, the department completed a full-scale drill with Nestle Foods to simulate an Ammonia leak from the compressor at its Nestle Avenue plant. In October, the department participated in a large tabletop drill involving personnel from the Nestle corporate office, the City-County Health Department, and the Police Department. The drill was a simulation of a vehicle striking a large LP tank.

All department members completed a tour of the Oakleaf Hospital Wound Care Center and its hyperbaric chambers. We reviewed emergency procedures, safety systems, and the potential hazards of the hyperbaric chambers during a fire or related incident.

#### State Task Force 4 – Regional Technical Rescue Team

Due to funding no longer being available through the Department of Justice, training at the State level has ceased. Subsequently, Eau Claire chose not to participate in the State Task Force Team because of the financial burden it would have placed on the department. Department members continue to train with our equipment in the event an incident occurs within the city of Eau Claire.

#### MABAS – Mutual Aid Box Alarm System

MABAS Division 126 went “live” early spring in 2011. To date, there have not been any actual responses involving MABAS. On a monthly basis, Division 126 has been conducting radio drills. Departments within 126 host the monthly drill during which a box card of its choice is picked and departments respond via radio. In November, the Village of Fall Creek hosted a MABAS radio drill at the Fall Creek High School, and each department responded with apparatus to Fall Creek. Many lessons were learned at this drill, and plans are being made for a similar drill in 2012.

#### Major EMS Projects

The EMS Protocols were rewritten and condensed into one protocol book. The Medical Operations Manual and Policy and Procedure manuals were updated. All personnel were trained on the new medications and protocols. New protocols include: Induced Hypothermia for Return of Spontaneous Circulation, Drug Facilitated Airway Management, and Sedation. Additional medications include: Cardizem, Pitocin, Ketamine, Labetolol, and Racemic Epinephrine.

The format of the refresher training for department paramedics has been changed to include Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS), Prehospital Trauma Life Support (PHTLS), and Pediatric Education for Prehospital Professionals (PEPP). Paramedics will attend these recertification classes on-duty, in addition to two additional training sessions per year to complete their refresher requirements.

A concealed weapons Suggested Operating Guideline (SOG) was developed and adopted. All personnel received self-defense training and some weapons training from the Eau Claire Police Department. Some personnel renewed their National Registry for EMS. Department medics precepted EMT-Paramedic Intro. students from Chippewa Valley Technical College. One-half of the paramedics completed their ACLS renewal.

Personnel participated in the County EMS Committee, Regional Trauma Advisory Committee, and State EMS meetings.

Personnel continue to participate in joint EMS training with First Responders in our primary response area. Training sessions are held monthly with Altoona, Fall Creek, and Emergicare, as well as with representatives from Sacred Heart Hospital and Mayo-Eau Claire Hospital.

The department continues to transmit ECG telemetry to both hospitals on a more frequent basis—allowing the hospital emergency department personnel to view a patient’s heart rhythm before the patient arrives at the hospital. EMT-Basics are now trained to acquire and transmit 12-lead EKG data to the hospitals. Dispatch for lift assist type responses has been expanded to Altoona. An ambulance cancel policy has been adopted, thus allowing the First Responder agencies serviced by ECFD EMS to cancel the ambulance providing strict criteria are met.

The warranty for our Phillips MRX cardiac monitors was renewed, as was the agreement for our Stryker cot and Stair Chair maintenance. Medic 5 was repainted under warranty.

#### Level “A” Haz Mat Team

This year the Regional Response Team responded to two chemical events in the response area for which a Wisconsin Emergency Management (WEM) incident number was assigned.

The first incident occurred near Alma Center. A tractor trailer that was transporting Sulfuric Acid and Sodium Hydroxide overturned. A Chemical Assessment Team (CAT), comprised of four members of ECFD, was dispatched to the scene. The CAT members assisted the Black River Falls Fire Department with assessment of the emergency. Once the chemicals were identified, a risk assessment was completed. It was then determined the hazard was contained to the crash site, and a private contractor was contacted to initiate the clean-up. The DNR and the local Health Department were informed of the situation. CAT members stood-by on the scene to provide information to the contractor. After the clean-up operation had commenced, the area was checked for any down range contamination with negative results.

The second incident occurred in Rice Lake at the local social security office. An unknown white powder was found in an envelope. The CAT responded with a meter that uses infrared spectroscopy to identify unknown solids. The results of the testing indicated the product to be powdered sugar. The findings were forwarded to the State Hygiene Lab.

On a local level, the department responded to two other events that did not meet the requirements to be assigned a Wisconsin Emergency Management incident number.

The first was a report of strong fumes in a convenience store. A general contractor was painting in the kitchen area with a lack of adequate ventilation. A meter that measures Volatile Organic Compounds (VOC) was used. The reading was high enough to be of concern, and the store was evacuated and ventilated. Once the readings from the meter were back to zero, the store was re-opened. Two employees were transported from the scene via ambulance for difficulty breathing.

The second incident involved a leaking Nitrogen tank at the University of Wisconsin—Eau Claire. An engine crew responded to Phillips Science Hall. After investigating the area, the leak

was isolated and the valve shut down. The atmosphere in the building was checked with no indication of hazard.

Throughout the year the department receives numerous calls from other fire departments, police agencies, and the general public about chemical-related issues. These types of inquiries generally do not generate a documented response. The advice given by phone is usually enough for the requesting party to handle the situation.

Regional team members also assist in training other agencies. In 2011, personnel provided training to members of the Wisconsin Division of Criminal Investigations/Drug Enforcement Administration and the Barron Fire Department.

Every year there is a conference hosted by the Wisconsin Association of Hazmat Responders (WAHMR). Two members from the team attended this year. The information from the training sessions is brought back and incorporated into the training curriculum for the rest of the haz mat team. Examples of the topics covered are: Radiological Detection, Ethanol Emergencies, Unknown Chemical Identification, and New Technologies.

#### Safety Camp

On June 20, personnel participated in Safety Camp at Carson Park. This day camp is for children entering the third grade. Insp. Janet Segelken presented a program on summer fire safety to over 100 participants on the first day of the camp.

#### Safety Town

Safety Town was held on June 22 and 29 at Northwoods Elementary School. Utilizing the safety house, two engine crews taught over 50 first grade students about fire safety. This event was held on two separate days in order to reach more participants.

#### UST/AST Inspections

Insp. Segelken completed 48 site permit inspections on 74 tanks. Some sites contain multiple tanks to be inspected. There were 10 tank removals and 6 tank installs/upgrades during this period requiring multiple inspections per site.

#### Juvenile Fire Setter Program

The Eau Claire Fire Department had four requests by a parent for intervention.

#### High School Prom Program

On May 5, department personnel—along with police, funeral home staff, and the local hospitals—presented a day program to the local high school students about alcohol awareness, drinking, and driving. The department supplies an engine crew and an ambulance crew to participate in a mock crash scene depicting a drinking-and-driving accident.

#### Night Out Against Crime

This is a national police department awareness program that strengthens neighborhood spirit and police-community partnerships, thus sending a message to criminals that neighborhoods are organized and fighting back against crime. This annual event was held at Owen Park on August 2. An engine crew and an ambulance crew spent several hours displaying to community

members the equipment we use to help keep the community safe and answered any questions they had. This event attracts well over 2,000 participants.

#### Fire Prevention Education in the Schools

Inspectors Gary Puljas and Segelken provided instruction to the 4-year-old kindergarten program, EC4T. There were 21 sites with 43 sessions and over 925 children involved in this program.

Personnel from the engine and ambulance companies presented programs to over 3,500 students in grades K – 3 at 18 schools. All students again received coupons from Taco John's with a message reminding parents to change the batteries in their smoke detectors. In May, the ambulance companies—along with Insp. Puljas and Insp. Segelken—presented the spring Fire Safety program to 560 students in grades 4 and 5.

#### 3<sup>rd</sup> Grade Fire Prevention Poster Contest

Each year the department hosts a poster contest that incorporates the fire prevention theme for the year. This year's theme was "Protect Your Family from Fire". The winners of the contest, who each receive a new bicycle, were Kevin Byrne from St. James School and Carly Sauls from Manz Elementary School.

#### Keep the Wreath Green Campaign

The 2011 holiday season ended with 2 fires being recorded from Thanksgiving to midnight on New Year's evening.

#### Public Education Requests

This year the department received 88 requests for public education. These requests included: fire station tours, career awareness ride-a-longs, UWEC hazardous materials awareness, Northwoods Elementary School's fire investigation awareness as it relates to science, and Xcel Safety Fair.

#### Fire Extinguisher / Fire Safety Training

Inspectors Puljas and Segelken trained 2,700 individuals at 31 different businesses; some businesses held multiple sessions. Insp. Puljas and Insp. Segelken were involved with a number of Fire Safety fairs, as well as speaking about fire safety at Heatherwood Assisted Living, Orchard Hills, Dove West, Dove South, St. Francis Apartments, Bio-Life, Gatewood Hills Retirement Home, and Owen Rust Apartments.

#### Fire Inspector Activities

Throughout the year the fire inspectors work with and advise developers, contractors, and owners on construction projects. The inspectors provide code enforcement, required construction inspections of sprinkle systems, site visits and fire safety advice as it relates to their specific project needs.

To stay current on fire and building codes, the fire inspectors attend and participate in code update and professional educational conferences and seminars. These conferences include the Wisconsin IAAI spring conference, the fall Fire Inspectors' conference, and other local code or educational conferences and seminars.

## Fire Drills

Department personnel witnessed (a State requirement) 132 fire drills at over 30 businesses.

## Property Inspections / Review / Investigations

The City of Eau Claire assesses fees for fire sprinkler plan reviews and inspections; kitchen hood inspections; adult family home and group home inspections; and tent inspections. Listed below are the reviews and inspections that were done in 2011.

- **Sprinkler Plans / Site Plans** – 43 site plans and 29 sprinkler plans were reviewed and inspections completed. As of the end of the year, 53 inspections were completed on systems requiring acceptance tests; some of these sites will remain open into the new year.
- **Adult Family Homes** – 26 facilities were inspected.
- **Tent Inspections** – 60 tents were inspected.
- **Complaint or Follow-up Inspections** – Fire inspectors reviewed the approximately 3,865 inspection reports completed by the fire crews, and 300 inspections required additional follow-up to address specific code issues.
- **Fireworks** - The Fire Prevention Bureau inspected 15 sites that sell fireworks. These sites were both inside commercial buildings and in parking lots.
- **Fire Investigations** - The Fire Prevention Bureau conducted 46 fire investigations within the city. Each investigation varies in the amount of time required to bring it to conclusion.
- **Unsafe Living Conditions** - The Fire Prevention Bureau was involved in 6 situations involving unsafe living conditions. These situations are specific to the individual but on average require multiple visits and ongoing contact to resolve.
- **Altoona Fire Prevention** – 712 fire inspections were completed for the year. 866 students from 2 schools participated in the K – 5 fire prevention programs. There also were 8 preschool sites that held numerous sessions involving 298 children; these include the 4-year-old kindergarten program. The “Get Out and Stay Alive” program was presented to 85 students at Altoona High School. Fire drills and fire safety presentations were completed at two senior citizen apartment complexes involving 120 residents.
- **Other Community Outreach** – Prevention personnel appeared with local media to address a variety of fire safety and investigation topics. “Fire Facts”, a monthly column providing fire safety tips, continues to be published in Eau Claire’s Leader Telegram newspaper.





# **Specialty Captains' Updates**

**Submitted by:**

**S. Walby, Captain of Suppression  
A. Bertrang, Captain of Technical Rescue/Heavy  
T. Deziel, Captain of Emergency Medical Services  
G. Stegge, Captain of Technical Rescue/Light  
G. Axness, Captain of Maintenance  
B. Bensen, Captain of Hazardous Materials**



### **Suppression – 1<sup>st</sup> Quarter**

No submission due to retirement and transition of specialty duties.

### **Suppression – 2<sup>nd</sup> Quarter**

Several department members continued to attend the Fire Officer training. In mid-May, Capt. Walby assumed the duties of Captain of Suppression from Wayne Klett, who retired. Also in May personnel tested all fire hose at fire station 9. The hose testing is completed on an annual basis to meet NFPA standards.

In June, members took the State of Wisconsin Certified Fire Officer written exam to become State Certified Fire Officers.

All fire pumps were tested by an independent agency as part of an annual NFPA requirement. This testing took place at Central Maintenance.

### **Suppression – 3<sup>rd</sup> and 4<sup>th</sup> Quarters**

Ladder testing took place on July 19 – 21. The ladder testing was done by an outside testing agency to meet NFPA Standards. This testing is required on a yearly basis. In October, Engine 6 participated in training with Township Fire Department. The training involved making Township personnel more familiar with Engine 6 and its aerial capabilities in the event Engine 6 is called by TFD for mutual aid assistance. In November, department personnel did some refresher training on Rapid Intervention Team (RIT). This training is geared towards firefighter safety and survival. Also in the second half of the year all personnel went on a construction tour of the new Eau Claire County courthouse/jail facility.

### **Technical Rescue-Heavy – 1<sup>st</sup> Quarter**

After the confined space rescue training at the end of last year, additional documentation needs were identified for the incident commander and monitor officer. The tactical worksheets have been updated to meet current and future needs.

At the company level, review of equipment used during technical rescue operations continues. The equipment remains stored on the two technical rescue trailers and on Heavy Rescue 2. Personal Protective Equipment for those members who have participated in the regional task force teams is being maintained by each individual member. Lt. Rob Goodland maintains an inventory of reserve PPE.

Standard Operating Guidelines previously written by Capt. Bertrang for Trench Rescue and Structural Collapse Rescue have been reviewed. The intent is to implement each of these SOGs during the second quarter of 2011.

Capt. Bertrang continued working with library staff on a process improvement project that would increase efficiency in finding lost children at the L.E. Phillips Public Library. This is a project that commenced in 2010 and is undertaken as part of the City's FOCUS team.

Inventory sheets for Heavy Rescue 2 and the special rescue trailers were adjusted and items highlighted to indicate specific equipment and materials to be used in particular rescue situations. Identification of equipment on the inventory sheets will allow an efficient means of removing needed items and placing them in use during technical rescue operations.

Capt. Bertrang developed and implemented a set of codes and list of procedures for department personnel to utilize while entering incident reports. This information allows for consistency among department personnel when entering reports and for the ability to review information from reports to identify trends.

### **Technical Rescue-Heavy – 2<sup>nd</sup> Quarter**

Communication is continuing with the project manager for the construction of the new Davies Center at the University of Wisconsin – Eau Claire campus. Weekly updates on the construction, access in and out of the area, and water supply availability are being sent to Capt. Bertrang. Likewise, Capt. Bertrang and CVTC's safety director have been in continuous contact concerning CVTC's construction project. The information on these projects and other road-related construction is then disseminated to all fire department personnel.

Adjustments to the inventory for Heavy Rescue 2 and the technical rescue trailers are being discussed. With the dissolution of the department's participation in the State's task force teams, the needs of the city of Eau Claire and surrounding communities are being evaluated. The equipment and storage are being revised to meet current and future needs based on the frequency and severity of likely incidents.

Standard Operating Guidelines (SOGs) for Trench Rescue and Structural Collapse Rescue have been revised and are ready to be implemented and added to the department-wide SOGs.

### **Technical Rescue-Heavy – 3<sup>rd</sup> and 4<sup>th</sup> Quarters**

During the second half of 2011, continual contact was being made with the project manager for the construction of the new Davies Center on the University of Wisconsin – Eau Claire campus. Capt. Bertrang is receiving—and disseminating—weekly updates on the construction, access in and out of the area, and water supply availability.

In October, department personnel worked in conjunction with the City's water and sewer employees on confined space rescue scenarios. Personnel simulated situations in which trapped persons were in need of rescue. Department personnel utilized the confined space

standard operating guideline, tactical worksheets and confined space entry/rescue equipment to demonstrate knowledge and abilities in confined space rescue operations.

### **Emergency Medical Service – 1<sup>st</sup> Quarter**

In January and February, department paramedics attended an Audit and Review, which is an opportunity for them to review emergency calls with Dr. Jim Fenno, the department's medical director. Other topics and/or new equipment and training also are provided.

All personnel were refreshed on defibrillation of the heart and placement of the King Airway.

In February, a medic unit from ECFD helped at the Sam Davey Health Fair. Athletic trainers from UWEC did a ride-along with ECFD medic units as part of their training in February and March.

Also in February and March, department paramedics precepted medic students from CVTC.

### **Emergency Medical Service - 2<sup>nd</sup> Quarter**

In mid-May, Capt. Deziel assumed EMS captain duties from Capt. Walby. Our paramedics continue to precept both EMT basic and paramedic students from CVTC. This quarter the department implemented a new ambulance cancellation policy for the department and its First Responder groups in Eau Claire County, as well as a new controlled substances accountability policy. In April, two paramedics attended a paramedic conference in Appleton. Department crews presented "prom programs" at Memorial and North High Schools. This is a realistic reenactment of a high school student who drove drunk on prom night and was involved in a car accident. It involves a simulated crash scene with injuries and fatalities of students.

Paramedics gave EMS presentations to all 4th grade schools students in the City of Eau Claire.

In June, department members received annual bloodborne pathogens and infectious control training. Also in June Medical Director Fenno and Div. Chief Jon Schultz conducted department-wide training at CVTC with the human patient simulator. Basic EMTs were instructed on how to set up and place leads on a cardiac patient for 12-lead EKG monitoring. The paramedics reviewed the pros and cons of External Jugulars (EJs) and Intraosseous (IOs) interventions. All personnel participated in a simulated call for a patient in anaphylactic shock. Personnel had to assess, care, and treat the patient as if it was an actual emergency.

### **Emergency Medical Service - 3<sup>rd</sup> and 4<sup>th</sup> Quarters**

In July, we implemented the use of disposable Laryngoscope blades for the entire department. This addresses an equipment cleaning and sterilization issue. It also now becomes a billable charge, so the department can recover the cost of the equipment. Also implemented in July

was a new Induced Hypothermia protocol for patients who are resuscitated from cardiac arrest. This necessitated the placement of coolers in each ambulance with cold pack IVs. We also moved several medications to the coolers to keep them from expiring as quickly.

In August, we once again began to cover the football games at Carson Park with a standby ambulance and personal. The department utilized engine companies, along with chief officers, to cover all UWEC and Memorial, North and Regis High Schools home games. Half of the paramedics were recertified in the American Heart Association ACLS Provider course.

In October, personnel created and instituted a Concealed Weapon SOG, along with a weapon chain of custody form. With that, we placed a plastic handgun case in each ambulance. Gun safety training was for all department personal by the City Police Department at the city range.

In November, a certified company completed annual inspections of all ambulance cots, and any needed repairs were made.

In December, department paramedics finished their EMS Jane online continuing education. This is the last year we will be using this program as part of the paramedic refresher. Beginning in 2012, the paramedic refresher will involve more in-service.

### **Technical Rescue – Light – 1<sup>st</sup> Quarter**

The first quarter of 2011 was a continuation and completion of the ice rescue training started in the fourth quarter of 2010. All department personnel participated in a review of ice rescue methods and techniques. A training DVD was produced and distributed to all stations. The DVD showed a variety of rescue situations with real people in real time to demonstrate a variety of rescue methods employed by the department. Personnel assessed the signs, conditions, and dangers of various types of ice, as well as the three methods of ice rescue: reach, throw, and go. Personnel further went over rescue techniques for shored-based, open water, and solid ice rescue. Each rescue technique demonstrated how rescuers should properly use a variety of rescue tools employed by the department. Those tools included our Stearns cold-water rescue suits, which allow personnel to enter sub-zero water for short periods of time in order to attempt rescue. The Mars three-in-one throw line is another tool that was discussed. It allows a rescuer to throw a 60-foot rescue line to a victim from shore or from within a boat. The cold-water rescue sling allows a rescuer to enter the water and place the buoyant rescue sling around the victim, after which shore-based rescuers can pull both the rescuer and the victim to shore using the attached 200 feet of rope. Lastly, the training DVD reviewed the Rapid Deployment Craft (RDC)—an inflatable boat that provides a solid platform from which to work for rescuers who venture out onto unstable lake or river ice.

### **Technical Rescue – Light – 2<sup>nd</sup> Quarter**

The department placed into service a new boat and a new side scan sonar unit. The boat was purchased through the normal budgeting process, and the side scan sonar unit was purchased with grant monies. The boat is a 16-ft jon boat with a 25-horse Johnson engine and will be located at station 9. In May, department personnel received training on the capabilities and operation of the side scan sonar, which will be located on Boat 10.

### **Technical Rescue – Light – 3<sup>rd</sup> and 4<sup>th</sup> Quarters**

A variety of water rescue and extrication training was conducted in the second half of 2011.

In July, Lt. Loren Travis conducted training on the use of our new side scan sonar. Department members participated in training with the sonar looking for pre-placed dummies submerged in the waters off Riverside Park. In November, Lt. Travis reviewed and evaluated the department's dive rescue equipment, identifying equipment for replacement in 2012.

In November, Capt. Stegge department members review their ice rescue equipment, conduct company training, and review a variety of ice rescue methods and techniques. The department also replaced its six Sterns cold-water immersion suits with six new ones. The new suit has the same functions as the old suit and provides easier entry and a little more flexibility in the finger area. These suits allow members to work fully immersed in cold water for longer periods of time than a typical wet suit.

In the second half of 2012, Lt. Bob Pratt attended an 8-hour extrication class on the methods and techniques of extrication strut use. He also attended a 6-hour hybrid vehicle train the trainer class at Volk Field. In July, Lt. Pratt provided a basic 4-hour extrication class for our department's new recruits. In December, he conducted department-wide extrication training. The training consisted of extrication power equipment, how to crib, types of glass found on vehicles, removal of windshields, and uni-body construction. Lt. Pratt inventoried and reviewed the department's extrication equipment to ensure it still meets the department's needs and is in good working order. He also began networking with dealerships regarding hybrid cars and the specific needs and dangers associated with them.

### **Maintenance – 1<sup>st</sup> Quarter**

Fit testing for all department members was completed. The equipment for maintaining our SCBAs was moved to Station 9. Used masks were cleaned with the ultrasonic cleaner and readied for use. Repair numbers were up for this quarter. Emergency rescue belts for training Fire Fighter Recruit Jordan Waack were prepared. Recruit Waack and Fire Fighter Intern Justin Endru were fit tested. The cascade knobs on Engine 5 were repaired.

### **Maintenance – 2<sup>nd</sup> Quarter**

SCBA repairs are being completed with the assistance of Engineers Dave Lombardo and John Biegel. Masks from retirees were checked and cleaned with ultrasonic cleaner. Three new recruits were fit-tested for masks, and Capt. Axness discussed his specialties with them. Maps were ordered and distributed to the new recruits for street study. Trainer rescue belts were prepared and installed on SCBA harnesses for training with the recruits. The training belts were removed and the SCBAs placed back in service. An outside contractor repaired the Bauer compressor at Station 8. Station 9 received a new rescue boat on which personnel installed reflective graphics and prepared it for use.

### **Maintenance – 3<sup>rd</sup> and 4<sup>th</sup> Quarters**

Breathing apparatus repairs continue to be completed with the help of Engineers Lombardo and Biegel. Parts commonly needed are kept in stock. This line of equipment is six years old and beginning to show some wear and tear. Repairs are being made on a regular basis. Masks are regularly cleaned in the ultrasonic cleaner before repairs are made. This cleaning device is essential when preparing a used mask for the next firefighter. All new recruits and interns are fit tested and issued a mask. New recruits were trained to use the rescue belts that are built into our breathing apparatus. The department has three escape belts that are utilized only for training. The Bauer compressor for filling our breathing apparatus bottles will be replaced in early 2012.

### **Hazardous Materials – 1<sup>st</sup> Quarter**

On February 24 and 25, Capt. Bensen and Lt. Bob Pratt attended the Wisconsin Area Haz Mat Responders (WAHMR) conference in Wisconsin Dells. WAHMR is an association of members from the emergency services, other associated government agencies, and the private sector who deal with hazardous materials. Every year there is a guest speaker and various classes that are held over the two days. This year the classes attended were: Role of the State Lab of Hygiene, Regional Level A Roundtable, FBI Updates, Wisconsin Online Haz Mat Planning and Reporting System (WHOPRS), Understanding Polymerization, Radiological Responses, Oil Spills, Chlorine Responses, and Thermal Imaging for Haz Mat.

During the month of February, Capt. Bensen and D.C. Scott Burkart went to Barron and met with the local fire department as part of the regional hazardous materials response team's outreach program. The intent is to familiarize the area fire departments with the capabilities of the team and explain what would be expected from the local resources during a hazardous materials event.

On March 8, B.C. Kim Nessel and Capt. Bensen traveled to Madison to attend the regional haz mat team coordinators' meeting. In the meeting, samples were distributed by a representative from the State Lab of Hygiene. These samples are used to test the proficiency



of the regional teams in identifying unknown substances. A review of this procedure is underway, and an electronic version of the reporting form will be implemented next quarter.

### **Hazardous Materials – 2<sup>nd</sup> Quarter**

In April, the members of the Level A Regional Haz Mat team were trained in the use of an electronic version of a form used by the State Hygiene Lab. This form is to be used when a response involves an unknown substance, either liquid or solid. The physical description and all the testing results can now be entered on the form and emailed to the State lab from the field. This will help expedite the identification of an unknown substance, which will in turn shorten the amount of time the Level A team is required to remain on-scene.

During the first part of June, on-duty Level A members on C shift conducted an emergency preparedness drill at the Nestle plant on Truax Boulevard. The objective of the drill was to review the internal procedure for the Nestle personnel in the event of a large Ammonia release and to practice the response procedures for the ECFD. The basic scenario involved downed plant personnel who needed rescue, a large vapor cloud going downwind, and an entry team making entrance into the building to shut down the system. A critique/review was held after the exercise.

### **Hazardous Materials – 3<sup>rd</sup> and 4<sup>th</sup> Quarters**

In August, 34 department members attended specialized railroad tank car training in Altoona. This training included hands-on evolutions with full scale equipment. Standard Chlorine tank cars were brought into the rail yard for this exercise; the trainers were representatives from the Chlorine industry. This type of training is invaluable as it passes along real world experience that fire service personnel would ordinarily not get.

Another training event, sponsored by Xcel Energy, was held in August. Members of the haz mat team were on standby while there was a full-scale natural gas emergency training exercise. This exercise highlights very valuable cooperation between the department and private industry.

In the third quarter, eight new Level A fully encapsulated suits were added to the inventory. The suits were pressure tested and placed in rotation. Two of the suits were sent to Chippewa Falls Fire & Emergency Services (the department's partner on the West Central regional haz mat team) to add to its inventory. With the purchases from the last couple years, there are now 12 new suits available for use. Six of these suits meet the NFPA requirement for flash fire protection. This added feature will greatly enhance our response capabilities and safety.

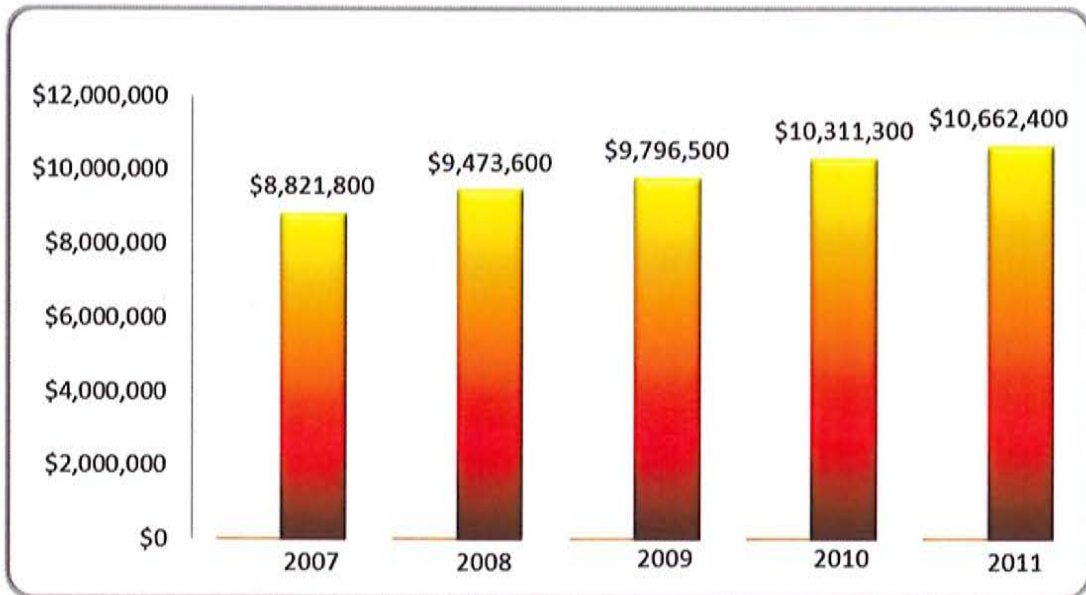
During the fourth quarter, haz mat team members continued to review the process for sending information to the State Hygiene Lab.

In December, funds were allocated to refurbish nine electronic meters. The meters were sent to a factory representative, who installed new sensors and calibrated and certified the equipment. These meters are capable of detecting Carbon Monoxide, Hydrogen Sulfide, explosive levels, Oxygen levels, and volatile organic compounds. The meters carry a two-year warranty from date of service.

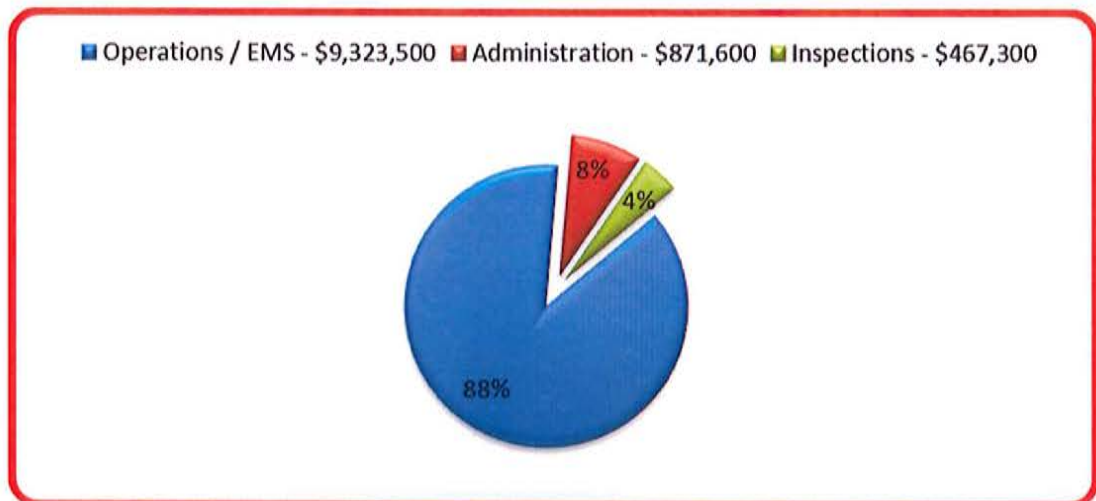
# **Budgetary Information**



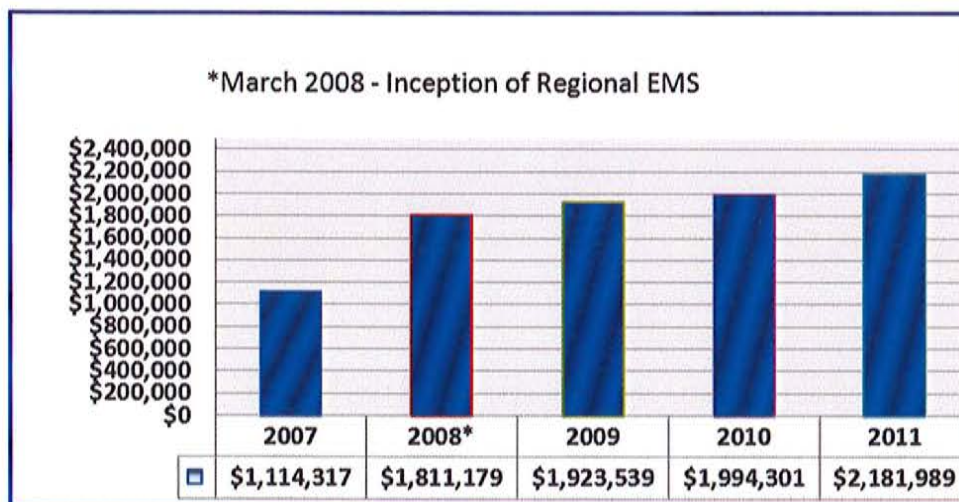
## 5-Year Budget Comparison



## Operating Budget by Division



## Net Ambulance Revenue





**2012 Adopted  
Program of Services**







## City of Eau Claire 2012 Adopted Program of Services

### Fire & Rescue Department: Overview

Eau Claire Fire & Rescue is responsible for rendering fire prevention, fire suppression, special rescue and emergency medical services for the City of Eau Claire. Beginning in March 2008 the department expanded its emergency medical services response area to include surrounding communities consisting of 11 townships, 1 village and 1 city. The department also manages the Hazardous Materials (Haz Mat) Response program to provide response to a 14-county area of West Central Wisconsin. The department is staffed by 94 full-time employees—92 sworn and 2 civilian. Response is provided 24 hours a day, 365 days a year from six stations.



### *Fire & Rescue Department Overview of Revenues & Expenditures*

	2010 Actual	2011 Adopted Budget	2012 Adopted Budget	%
				Change
<b>Revenues</b>				
Intragovernmental Service	\$ 12,000	\$ 12,200	\$ 10,000	-18%
Intergovernmental:				
State Aid-Fire Ins. Tax	126,437	125,000	125,000	0%
State Aid-Under. Tanks	7,990	11,000	7,000	-36%
State Aid-Mun. Services	442,100	357,500	286,000	-20%
Altoona-Fire Inspector	41,695	-	31,400	n/a
Ambulance Fee	38,550	39,900	34,600	-13%
Charges for Services:				
Fees	25,940	31,000	27,000	-13%
Ambulance Fees	2,185,205	2,255,700	2,319,900	3%
Haz-Mat B Response	31,153	30,400	20,400	-33%
Gen. Purpose (tax) Rev.	7,418,465	7,799,700	7,627,900	-2%
<b>Total Revenues</b>	<b>\$ 10,329,535</b>	<b>\$ 10,662,400</b>	<b>\$ 10,489,200</b>	<b>-2%</b>
<b>Expenditures</b>				
Personnel Services	\$ 9,144,318	\$ 9,344,400	\$ 9,300,800	0%
Contractual Services	780,040	899,900	778,700	-13%
Utilities	69,291	84,600	81,000	-4%
Fixed Charges	126,318	128,100	128,100	0%
Materials & Supplies	205,235	188,900	191,300	1%
Capital Purchases	4,333	16,500	9,300	-44%
<b>Total Expenditures</b>	<b>\$ 10,329,535</b>	<b>\$ 10,662,400</b>	<b>\$ 10,489,200</b>	<b>-2%</b>



## City of Eau Claire 2012 Adopted Program of Services

### *Fire & Rescue Administration Expenditure Summary*

	2010 Actual	2011 Adopted	2011 6 Month Actual	2011 Projection	2012 Adopted
<b>Expenditures &amp; Other Financing Uses:</b>					
Personnel Services	\$ 519,686	\$ 511,200	\$ 245,678	\$ 509,400	\$ 530,200
Contractual Services	239,254	249,400	129,177	249,400	108,000
Utilities	66,466	84,600	29,238	84,600	81,000
Fixed Charges	3,200	3,200	1,600	3,200	3,200
Materials & Supplies	13,123	23,200	6,456	23,200	23,200
<b>Total Expenditures &amp; Other Financing Uses:</b>	<b>\$ 841,729</b>	<b>\$ 871,600</b>	<b>\$ 412,149</b>	<b>\$ 869,800</b>	<b>\$ 745,600</b>

### *Operations / EMS Expenditure Summary*

	2010 Actual	2011 Adopted	2011 6 Month Actual	2011 Projection	2012 Adopted
<b>Expenditures &amp; Other Financing Uses:</b>					
Personnel Services	\$ 8,149,696	\$ 8,382,300	\$ 3,698,580	\$ 8,343,400	\$ 8,287,100
Contractual Services	536,870	645,500	329,021	656,800	665,000
Utilities	2,825	-	1,447	1,600	-
Fixed Charges	117,518	119,300	59,700	119,300	119,300
Materials & Supplies	187,826	159,900	78,588	175,500	162,200
Capital Purchases	4,333	16,500	-	6,500	9,300
<b>Total Expenditures &amp; Other Financing Uses:</b>	<b>\$ 8,999,068</b>	<b>\$ 9,323,500</b>	<b>\$4,167,336</b>	<b>\$ 9,303,100</b>	<b>\$ 9,242,900</b>

### *Inspections Expenditure Summary*

	2010 Actual	2011 Adopted	2011 6 Month Actual	2011 Projection	2012 Adopted
<b>Expenditures &amp; Other Financing Uses:</b>					
Personnel Services	\$ 474,936	\$ 450,900	\$ 217,487	\$ 449,200	\$ 483,500
Contractual Services	3,916	5,000	3,257	5,000	5,700
Fixed Charges	5,600	5,600	2,800	5,600	5,600
Materials & Supplies	4,287	5,800	1,264	5,800	5,900
<b>Total Expenditures &amp; Other Financing Uses:</b>	<b>\$ 488,739</b>	<b>\$ 467,300</b>	<b>\$ 224,808</b>	<b>\$ 465,600</b>	<b>\$ 500,700</b>



## City of Eau Claire 2012 Adopted Program of Services

### Fire & Rescue Dept: Administration

The Administrative division is located on the second floor of Station No. 2 at 216 South Dewey Street. In addition to the Fire Chief and Fire Secretary, both department Deputy Chiefs and its Division Chief maintain offices at this location.

#### Objectives

- Assess cost reduction models and implementation criteria.
- Utilize existing CompStat data to assess operational efficiencies.
- Progress with deploying distance education options in our daily operations.
- Continue the advancement of our regional EMS providers' initiative.
- Increase public presentations on the mission and scope of the department while developing a viable feedback system to evaluate the community's needs.

#### Outputs

- Implemented Select Station Dispatch for the department.
- Completed the process to internalize Emergency Medical Services (EMS) training.
- Took lead role in the advancement of Eau Claire County's EMS Council programs.
- Established working initiatives with regional trauma and EMS transport agencies in the region.
- Worked to support regional fire prevention initiatives for the county departments.
- Accessed a grant that will replace our fire safety trailer deployable to area events.
- Continued to improve and upgrade vehicle fleet.

#### Fire & Rescue Department - Administration Authorized Full-Time

	FY 2010	FY 2011	FY 2012
Fire Chief	1	1	1
Fire Secretary	1	1	1
<b>Total FTE Positions</b>	<b>2</b>	<b>2</b>	<b>2</b>



Fire Station #2 with  
Administrative Offices  
216 South Dewey Street



## City of Eau Claire 2012 Adopted Program of Services

### Fire & Rescue Dept: Operations

The Operations division assumes the overall planning and management responsibility for fire suppression, emergency medical services, hazardous materials response, water/dive rescue, confined space rescue, high angle rescue and personnel training for the organization.

Responsibilities are carried out through the efforts of one Deputy Chief, three operational (shift) Battalion Chiefs, six Captains, 12 Lieutenants, 18 Equipment Engineers, and 47 Firefighters. Its employees are the department's most valuable assets. Without dedicated and cross-trained people, the department cannot accomplish its mission of protecting the lives and property of the citizens it serves.

#### Objectives

- Provide fire suppression methods in a safe and efficient manner for the citizens of the City of Eau Claire and surrounding areas.
- Provide response to hazardous materials incidents.
- Provide special rescue response such as water rescue, confined space, trench rescue, high angle rescue and vehicle extrication.
- Provide the foundation for response capabilities within the Homeland Security framework.
- Preserve and protect life, property, and the environment against injury and damage from other incidents occurring within the City of Eau Claire.
- Average a 5-minute or less response time from the time of the call within the City of Eau Claire and a 10-minute or less average response time within our regional EMS delivery area external to the city.
- Enhance communication within the organization using electronic methods and increase the citizens' knowledge of department services.
- Provide company level training through more efficient means by identifying mandated requirements through Wisconsin Comm 30 and applicable OSHA and NFPA standards.
- Develop Rapid Intervention Teams (RIT) and integrate into fire suppression operations.
- Reduce fire loss in the community through aggressive public education and code enforcement.

#### Outputs

- In 2010, averaged a 4.31-minute response time from time call is dispatched to first unit on-scene in the City of Eau Claire and a 7.45-minute response time for responses outside the city.

Fire & Rescue Department - Operations Authorized Full-Time	FY 2010	FY 2011	FY 2012
Deputy Chief	1	1	1
Battalion Chief	3	3	3
Fire Captain	6	6	6
Fire Lieutenant	12	12	12
Fire Equipment Operator	18	18	19
Firefighter	47	47	46
Total FTE Positions	87	87	87

7,417 Responses in 2010			
6,056	Medical Responses	164	Service Call Responses
157	Fire/Rescue Responses	210	Good Intent Responses
621	Automatic Alarm Responses	28	Special Request Responses
181	Hazardous Condition Responses		



## City of Eau Claire 2012 Adopted Program of Services



### Fire & Rescue Dept: Emergency Medical Services

Comprising 82% of department responses, emergency medical services remain a strong focus of department resources. The department is staffed with 42 certified paramedics and 50 certified emergency medical technicians. There are three front-line paramedic ambulances and three units available as reserves. Personnel are involved in constant training and also participate in community education and special events to increase citizen knowledge about EMS issues.

#### Objectives

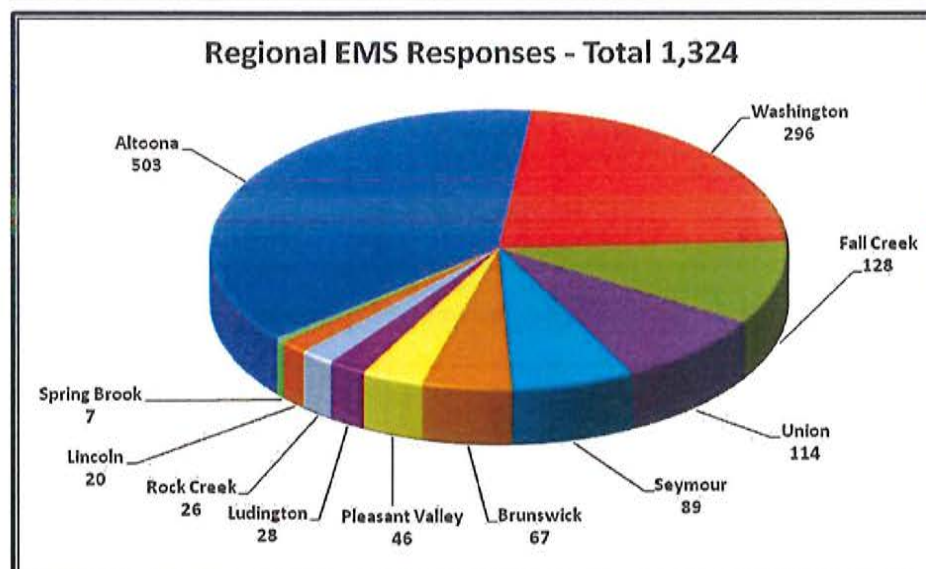
- Develop a proactive elderly fall reduction program.
- Continue enhancement of First Responder response and training.
- On-scene time of less than 20 minutes on all EMS incidents for ambulances.
- Revise internal quality assurance program to that which is company-based.
- Implement new and updated protocols.
- Implement Drug Facilitates Airway Management.

#### Outputs

- Continued to work with Sacred Heart Hospital and Mayo Clinic Health System-Eau Claire Hospital to enhance the stroke quality assurance program, 12-lead, and STEMI (Segment Elevation Myocardial Infarction) programs.
- Conducted trauma training for all personnel to reduce the on-scene time of trauma incidents.

*Note – EMS staff are included in the Fire Operations staffing totals.*

Net Ambulance Revenue					
	2006	2007	2008	2009	2010
City	\$ 1,273,684	\$ 1,005,023	\$ 1,343,027	\$ 1,256,262	\$1,311,636
Regional	-	-	318,151	509,777	528,472
Hospital	-	-	150,000	157,500	154,193
<b>Total</b>	<b>\$ 1,273,684</b>	<b>\$ 1,005,023</b>	<b>\$ 1,811,178</b>	<b>\$ 1,923,539</b>	<b>\$1,994,301</b>





## City of Eau Claire 2012 Adopted Program of Services

### Fire & Rescue Dept: Inspections

The Inspection division is comprised of five full-time staff members—four officers and one clerical. One of the positions is a shared position with the Altoona Fire Department. The main responsibility of this division is to oversee the inspection of commercial properties within the City of Eau Claire. Division personnel are responsible for compliance with follow-up inspections and codes, fire investigations, public education and underground/aboveground storage tank inspections. Personnel serve as informational contacts for other departments and citizens who have questions regarding National Fire Protection Association and Wisconsin Administrative codes.

#### Objectives

- Expand public education of fire hazards caused by grills on decks.
- Partner with area fire departments in providing an increased level of safety education utilizing the new regional fire safety house.
- Expand public education of new carbon monoxide laws in a joint effort with other entities such as the Departments of Aging, Human Services, and Health.
- Provide fire prevention and education--targeting the young, off-campus housing residents, and the elderly.
- Maintain current inspection routes and place more emphasis on pre-planning of target hazards.

#### Outputs

- Purchased new fire safety trailer with grant monies that will be used regionally to educate students about fire prevention.
- Communicated with 2,800 property owners advising them of a new city ordinance concerning the posting of address numbers for dwellings with an entrance or exit to an alley.
- Approximately 6,000 inspections completed by the fire inspectors and fire/EMS crews.
- 166 specialty inspections and site permits completed.
- 46 fire investigations conducted.
- 4 unsafe living conditions investigated.
- Fire prevention activities were conducted for 3,500 students at 19 schools for all students grades K-4 and for over 800 children at 20 sites for 4-year-old kindergarten.

Fire & Rescue Department - Inspections Authorized Full-Time	FY 2010	FY 2011	FY 2012
Deputy Chief	1	1	1
Division Chief of Training & EMS	1	0	0
Division Chief	0	1	1
Fire Inspector I	1	1	1
Fire Inspector II	1	1	1
Clerk III	1	1	1
Total FTE Positions	5	5	5

Dollar Loss From Fire				
2006	2007	2008	2009	2010
\$ 1,709,903	\$ 3,716,199	\$ 958,517	\$ 2,577,691	\$ 1,354,158

\*The total equalized value of all property in the City of Eau Claire for 2010 was \$4.225 billion. The total dollar loss from fire in 2010 represents .0321% of the total equalized value.



## City of Eau Claire 2012 Adopted Program of Services

### Hazardous Materials

The West Central Regional Response Team is a joint venture between Eau Claire Fire & Rescue and Chippewa Falls Fire & Emergency Services. The team is contracted with the State of Wisconsin to deliver regionalized Level "A" hazardous materials response to a 14-county area in West Central Wisconsin. City of Eau Claire tax dollars are not used to operate the team; the State of Wisconsin provides funding.

In addition, the team then contracts with the Rice Lake Fire and Menomonie Fire Departments for their service as designated CATs (Chemical Assessment Team) as adjuncts of the West Central Team.

#### Objectives

- Respond to hazardous materials incidents within 14-county area to provide mitigation.
- Provide consultation for emergency responders concerning haz mat situations they may encounter.
- Provide outreach presentations to law enforcement, emergency medical services, fire departments, civic groups, and local government personnel throughout response area.
- Conduct training according to National Fire Protection Association (NFPA) standards.
- Participate in annual hazardous materials response drill.

#### Outputs

- Responded to the report of an unknown odor at Banbury Place that was making occupants ill and forcing them from the structure. It was determined an individual had been attempting to extract gold from salt using a chemical process. The resulting chemical reaction generated a tremendous amount of Hydrogen Sulfide, a toxic gas that can be fatal in small quantities in conducive conditions.
- Responded to Mondovi on the report of vandals throwing an unknown chemical onto private property. The team determined the product was likely muriatic acid. Clean-up was coordinated with the DNR.
- Responded to Waste Research and Reclamation on the report of a fire/explosion. After the fire was extinguished, team members assisted in checking for additional hazards and performing damage assessment. The involved storage tanks contained lacquer thinner.
- Responded to a dairy products plant in Barron County on the report of fumes emitting from a 55-gallon drum that contained cleaning solution. It is believed oil or grease came into contact with an oxidizing agent in the solution, causing the chemical reaction.
- Gave outreach presentations to nine entities within the response area. These programs teach groups how to request a regional team, what equipment we carry, and the types of incidents to which we are able to respond.
- Participated in a haz mat drill at the postal annex and a mass casualty incident drill involving a radiation contamination scenario at Sacred Heart Hospital.
- Received eight new fully encapsulated haz mat suits. Four of the suits are single use suits designed for entry into a non-combustible atmosphere. The other four have a new feature built into the fabric that is rated for flash fire protection.

#### 40 Personnel are assigned to the Hazardous Materials Response Team

- 28 Members from Eau Claire Fire Department.
- 12 Members from Chippewa Falls Fire Department.





## City of Eau Claire 2012 Adopted Program of Services

### HAZARDOUS MATERIALS Budget Summary Revenues & Expenditures

Operating Budget	2010 Actual	2011 Adopted	2011 6 Month Actual	2011 Projection	2012 Adopted
<b>Revenues &amp; Other Financing Sources:</b>					
Intergovernmental	\$ 178,263	\$ 178,200	\$ -	\$ 79,000	160,000
Charges For Services	1,967	3,000	3,993	3,000	3,000
Miscellaneous	1,060	1,000	800	1,000	400
Other Financing Sources	3,779	-	-	-	-
<b>Total Revenues &amp; Other Financing Sources:</b>	<u>185,069</u>	<u>182,200</u>	<u>4,793</u>	<u>83,000</u>	<u>163,400</u>
<b>Expenditures &amp; Other Financing Uses:</b>					
Personal Services	57,458	68,900	27,397	68,900	62,000
Contractual Services	15,511	28,900	14,094	23,200	26,500
Utilities	3,677	3,500	1,617	3,500	3,700
Fixed Charges	12,000	12,400	6,100	12,400	10,200
Materials & Supplies	27,585	59,800	21,138	40,600	14,500
Contributions & Other Payments	87,836	78,600	16,000	68,600	70,000
Capital Purchases	-	46,000	-	30,400	-
<b>Total Expenditures &amp; Other Financing Uses:</b>	<u>204,067</u>	<u>298,100</u>	<u>86,346</u>	<u>247,600</u>	<u>186,900</u>
<b>Excess (Deficiency) of Funding Sources over Uses</b>	<u>\$ (18,998)</u>	<u>\$ (115,900)</u>	<u>\$ (81,553)</u>	<u>\$ (164,600)</u>	<u>\$ (23,500)</u>
<b>Working Capital/Available Fund Balance:</b>					
Assigned:					
Subsequent Year Expenditures	\$ 188,185			\$ 23,585	\$ 85
<b>Ending Balance</b>	<u>\$ 188,185</u>			<u>\$ 23,585</u>	<u>\$ 85</u>