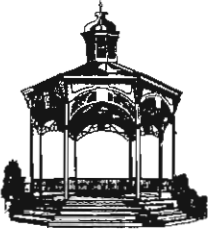


**City of Fenton**  
**Fire Department**  
**2009 ANNUAL REPORT**



**City of Fenton Fire Department**  
**205 East Caroline Street**  
**Fenton, MI 48430**



# City of Fenton

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Fire Department • 205 East Caroline Street • Fenton, MI 48430 • (810) 629-8595 • EMERGENCY 911

## 2009 Annual Report

To: Lynn Markland, City Manager

2009 was another busy year for the Fenton Fire Department.

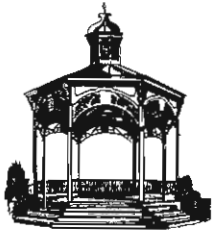
The Department responded to a total of 497 incidents in 2009, compared to 582 in 2008. That is a decrease of 15%. We averaged 41 incidents per month. There were 343 incidents in the city, and 154 in Tyrone Township. Tyrone Township in return paid the city \$196,102 for fire services in 2009. We also collected \$13,842.70 under our cost recovery ordinance. The average response time to an incident in the city was 6.76 minutes and 10.01 minutes in Tyrone Township. Estimated fire losses in 2009 amounted to approximately \$1,669,135 with \$1,549,135 being lost in the city and \$120,000 lost in Tyrone Township. Obviously most of the fire losses in the city would be attributed to the Silver Lake Hills apartment fire.

### Highlights of 2009 include:

Six members of the Fire Department received "Unit Citation" commendations for their actions at the Silver Lake Hills apartment fire. One of those members also received the "Life-Saving" commendation for his role in rescuing a resident from a second story apartment at that same fire.

The firefighter mentioned above also received an award from the 100 Club of Flint for his Life-Saving actions during their annual "Heroes Night" awards ceremony.

The Fire Department placed into service our new Spartan/Rosenbauer Tanker. This truck replaced a 21 year old truck that served the city very well. The new truck was dedicated at a department ceremony to former Fire Chief Bruce Dorland. Chief Dorland served the city as chief for 25 years retiring in 1989.



# City of Fenton

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Fire Department • 205 East Caroline Street • Fenton, MI 48430 • (810) 629-8595 • EMERGENCY 911

The department was awarded an Assistance to Firefighters Grant (AFG) through FEMA and the DHS in 2008. The grant was in the amount of \$51,603 and it was for the purchase of Personal Protective Equipment (PPE) for our firefighters. The money was used in June of 2009 to buy coats, pants, boots, hoods, and gloves for all of our firefighters.

All of the department's officers attended a National Incident Management (NIMS) level 400 class. This is a required training mandated by the Federal Government.

In October the entire department attended a special training session at the Oakland Community College CREST campus. This training focused on flammable liquid spills and fires. The facility has a live burn demonstrator that incorporates a life sized fuel tanker that ruptures and then ignites. This was a very educational experience for all that attended.

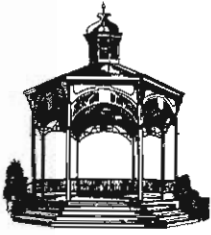
In August the department hosted a regional training event. The Michigan Propane Gas Association provided a free training exercise that involved classroom instruction on the safe handling of propane emergencies as well as a live fire exercise that we held at the Fenton High School. Multiple fire agencies from the region participated in the training.

Our department hosted in cooperation with the American Red Cross our second annual blood drive. Our blood drives have been some of the most successful in the County.

The department initiated our "File-of-Life" program at all of the senior housing complexes. The department provided start up materials to Mill Pond Manor, Dauner Haus, and Lockwood of Fenton. These files provide emergency responders with very critical information about the resident such as, emergency contacts, medications, and medical conditions.

The annual fire prevention open house in October was once again well attended. This event has become a tradition and is very popular in the community. We see many residents return to the event year after year with their children and grandchildren.

The Fenton Firefighters Association officially formed the Fenton Firefighters Charity organization. They received their 501C3 tax status, and held the third annual charity golf outing raising nearly \$5,000 for those in need in the community.



# City of Fenton

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Fire Department • 205 East Caroline Street • Fenton, MI 48430 • (810) 629-8595 • EMERGENCY 911

The Fire Department and the Firefighters Association remained very active in our community during 2009. The department receives numerous requests to attend and help at community events; so many that we have to turn some down; but in 2009 the department provided over 600 hours of community service activities. On top of the community service hours the department members also provided an additional 89 hours of fire prevention to children in the schools and at the station. All of the community service events are voluntary and the firefighters receive no compensation. Our firefighters participate in these events because they care about their community. They live here, go to school here, raise their kids here, and they are proud of the service they provide to our community.

Please review the remainder of this annual report. I hope you will find it interesting as well as informative. Please feel free to contact me for any additional information or clarification.

A handwritten signature in black ink that reads "Robert Cairnduff". The signature is written in a cursive, flowing style.

Robert C. Cairnduff  
Fire Chief

# City of Fenton Fire Department

## Officers

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**Robert Cairnduff**

**Fire Chief**

(Service Date: 7/1996)

**Edward Hadfield**

**Deputy Chief**

(Service Date: 8/1982)

**Charles Koan**

**Assistant Chief**

(Service Date: 7/1971)

**Captain: Karl Sturgis** (Service Date: 1/1983)

**Captain: Scott Smith** (Service Date: 8/1982)

**Lieutenant: Nick Will** (Service Date: 2/1999)

**Lieutenant: Jeff Shook** (Service Date: 1/1995)

**Chief Engineer: Craig Jensen** (Service Date: 7/1981)

## City of Fenton Firefighters

NAME	SERVICE DATE	NAME	SERVICE DATE
Frank Carpenter	1/2007	Al Morea	4/1974
Marshall Colley	12/2005	Nate Mosher	1/2001
Ron Darling	1/1996	Adam Peterson	8/2007
Matt Everhard	5/2009	Mikel Peterson	4/1984
Camron Gilbert	8/2006	Shannon Premo	11/2006
Casey Gilbert	11/2001	Nick Schulz	11/2001
Matt Hadfield	7/2007	Brent Sharp	7/2006
Pat Hajec	1/1990	Greg Stockwell	10/1988
Ryan Jenema	11/2006	Josh Sturgis	3/2004
Bridgette Johnson	3/2008	Kelsey Sturgis	10/2007
Jamie Kitchen	9/2007	Pat Whalen	8/2003
Dustin Lucius	11/2004	Dave Williams	3/1975
Robert Maksymowski	7/2004		

**City of Fenton**  
**Fire Board Members**  
**2009**

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**Sue Osborn, Mayor**  
**Chairperson**

**Councilwoman Cheryl King**  
**Member**

**Councilman John Rauch**  
**Member**

# City of Fenton Fire Department

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## MISSION STATEMENT

*“To protect life and property of the people of our community  
with the highest quality of service possible”.*



# Fire Department Awards

On December 12<sup>th</sup> 2009 the Fire Department Firefighters Association held its annual Christmas party and awards night. The “Firefighter of the Year”, the “Chiefs Award”, and all of the service anniversary awards are handed out during a ceremony.

## **Firefighter of the Year**

Firefighter Josh Sturgis was chosen as this year’s recipient of the award. This award is given annually to a member of the department and is voted on by the entire membership.

Josh joined the department on March 23, 2004. He has been a very valuable member of the department for five years and was very deserving of this award. Josh comes from a family of firefighters. His father Captain Karl Sturgis is a member of the department as is his younger sister Kelsey.

Josh had a very memorable year with the department. Josh was honored by the Fire Department for his life saving actions at the Silver Lake Hills apartment fire. Josh was also selected to the firefighter “Hero” at the 100 Club of Flint at their annual Heroes awards night.

Josh was also selected to participate in our brand new Officer Apprentice program. Josh was the very first firefighter to serve in our Apprentice Program. He served in the capacity of a Lieutenant for three months during 2009.

## **Chiefs Award**

This award is given to a person that has gone above and beyond with their service to the department, and is chosen by the Chief. This year’s award was presented to Lieutenant Nick Will.

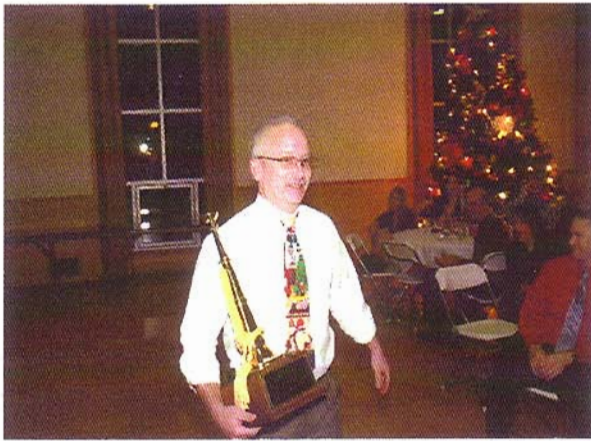
Nick has been with the department since 1999. He is an extremely valuable member of our team. His dedication to the department is impressive. He is always willing to help anyone, and puts in countless hours working on Fire Department projects.

## **Service Awards**

The following members were given service awards for their years of dedicated service to the Fire Department.

Dustin Lucius- Firefighter	5 Years of Service
Robert Maksymowski- Firefighter	5 Years of Service
Josh Sturgis- Firefighter	5 Years of Service
Mikel Peterson- Firefighter	25 Years of Service
Al Morea- Firefighter	35 Years of Service

# Awards Night



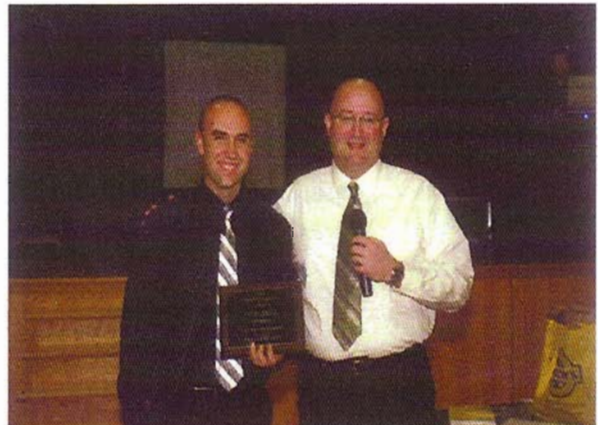
Mikel Peterson 25 years



Al Morea 35 years



Josh Sturgis Firefighter of the year.



Nick Will- Chief's Award

# Awards



## Unit Citation and Life-Saving awards For Silver Lake Hills fire

L to R: Deputy Chief Ed Hadfield, Firefighters Casey Gilbert,  
Josh Sturgis, Matt Hadfield, Pat Whalen, Jason Abbey

# Fire Department Business Inspections

In June of 2007 the Fenton Fire Department initiated the “Fire and Life Safety Analysis” program. This program was intended to ensure that all of our businesses in town complied with fire codes concerning life safety initiatives, and to also help the businesses identify any potential sources of a fire.



During 2009 the fire department inspectors completed 38 initial inspections, and also conducted another 455 re-inspections or follow ups. All of these inspections were completed by the day shift duty crew personnel that work from 12-5pm each weekday. The day shift duty crew was laid off during the month of June due to the State revenue sharing cuts made right before the end of FY2009.

During these inspections we also pre-plan the businesses so we are prepared in case there is a fire. We load GIS, pictometry, and detailed prints into each business file in our response software. The information gathered for this includes the closest hydrant locations, suppressions systems, building construction, hazardous materials, firefighting hazards, emergency contact information, and numerous other important facts about the business.

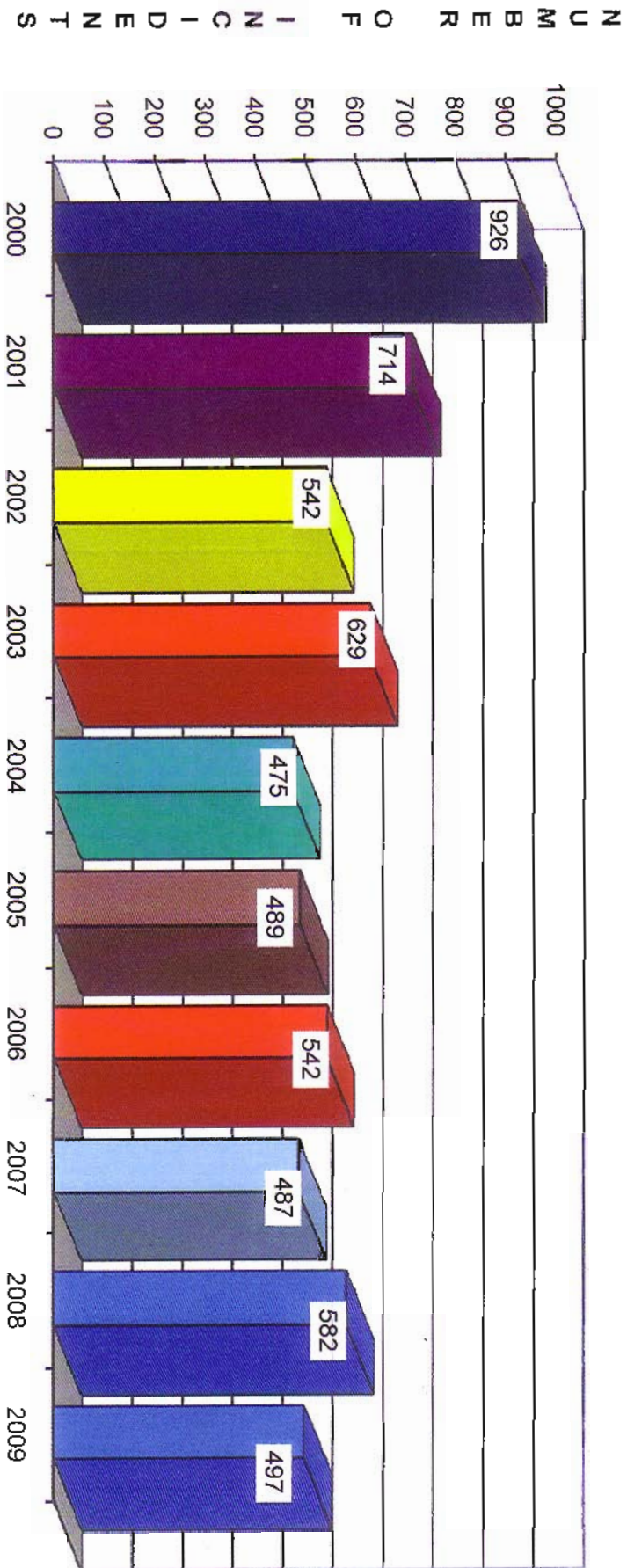


# **INCIDENT STATISTICS**

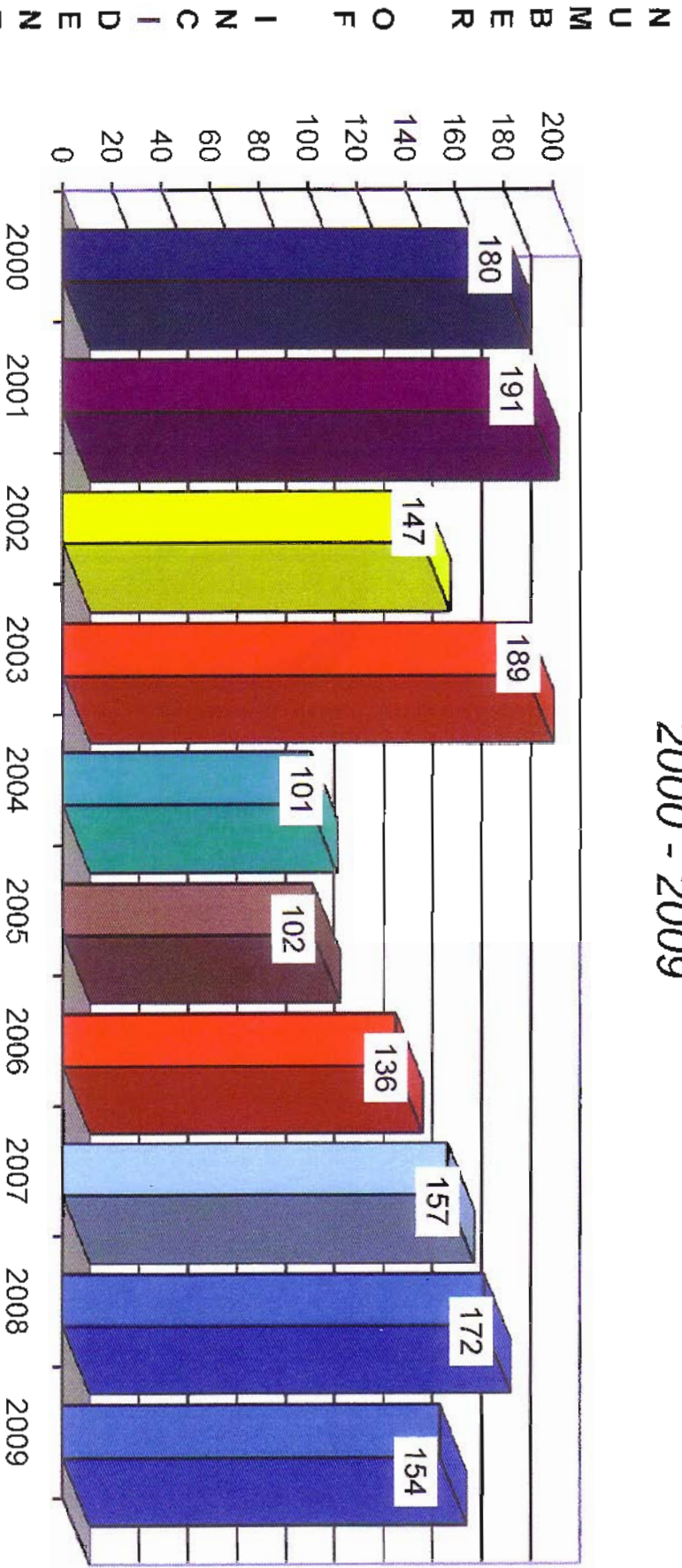
**JANUARY 1 – DECEMBER 31, 2009**



*City of Fenton Fire Department  
Incidents per year 2000 - 2009*



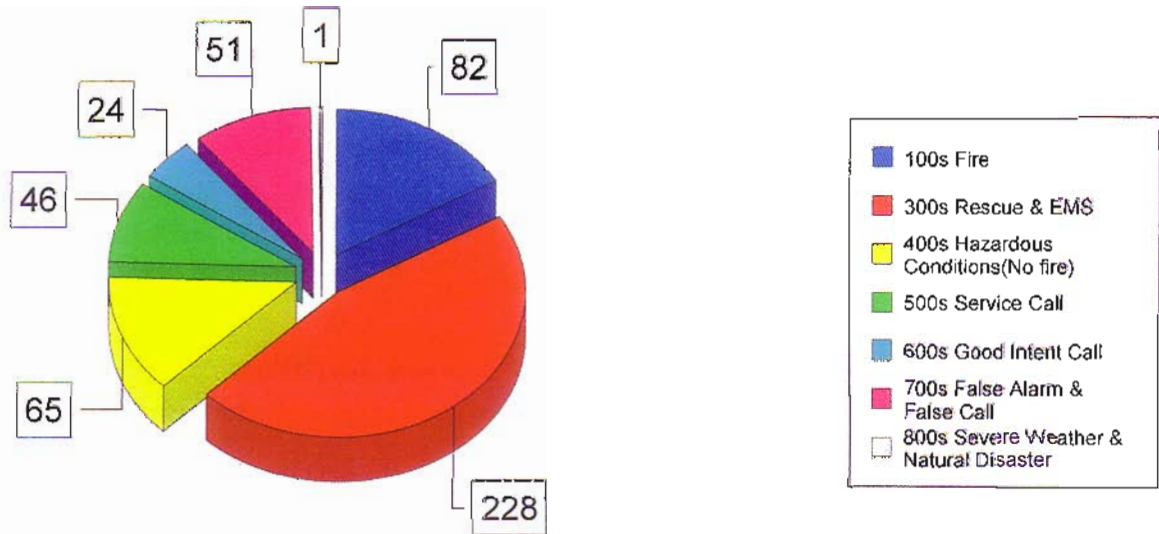
*City of Fenton Fire Department  
Incidents per year for Tyrone Township  
2000 - 2009*



# City of Fenton Fire Department

## Incident Reporting by Type of Incident

January 1, 2009 - December 31, 2009



*Graphed Items are sorted by Incident Type*

**Type Of Incident:**

100 **Series-Fire**  
 300 **Series-Rescue & EMS**  
 400 **Series-Hazardous Conditions (No fire)**  
 500 **Series-Service Call**  
 600 **Series-Good Intent Call**  
 700 **Series-False Alarm & False Call**  
 800 **Series-Severe Weather & Natural Disaster**

**Total Of Incidents:**

82  
 228  
 65  
 46  
 24  
 51  
 1

**Percentage Value:**

16.50%  
 45.88%  
 13.08%  
 9.26%  
 4.83%  
 10.26%  
 0.20%

**Grand Total: 497**

**Type Of Incident Most Frequent: 300 Series-Rescue & EMS**

# City of Fenton Fire Department

## Incident Reports by Type of Situation Found

January 1, 2009 - December 31, 2009

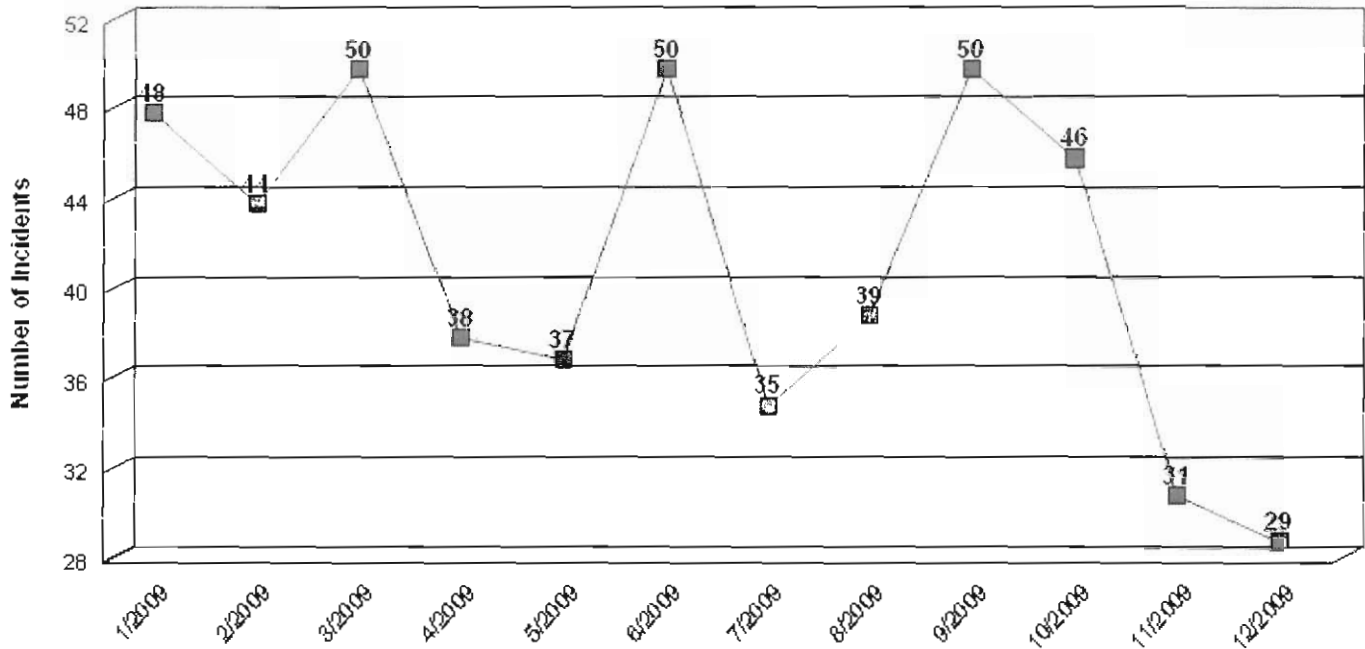
	<u>INCIDENT TYPE</u>	<u>TOTAL INCIDENTS</u>
1001	Mutual Aid	21
1002	Other Type of Fire	3
111	Building fire	11
113	Cooking fire, confined to container	4
114	Chimney or flue fire, confined to chimney or flue	2
118	Trash or rubbish fire, contained	1
130	Mobile property (vehicle) fire, other	5
131	Passenger vehicle fire	9
137	Camper or recreational vehicle (RV) fire	1
140	Natural vegetation fire, other	1
142	Brush, or brush and grass mixture fire	2
143	Grass fire	8
150	Outside rubbish fire, other	6
151	Outside rubbish, trash or waste fire	2
154	Dumpster or other outside trash receptacle fire	1
1601	Outdoor Fire	4
162	Outside equipment fire	1
300	Rescue, emergency medical call (EMS) call, other	138
311	Medical assist, assist EMS crew	9
322	Vehicle accident with injuries	42
323	Motor vehicle/pedestrian accident (MV Ped)	8
324	Motor vehicle accident with no injuries	30
341	Search for person on land	1
400	Hazardous condition, other	8
410	Flammable gas or liquid condition, other	3
411	Gasoline or other flammable liquid spill	7
412	Gas leak (natural gas or LPG)	4
413	Oil or other combustible liquid spill	9
420	Toxic condition, other	1
424	Carbon monoxide incident	9
440	Electrical wiring/equipment problem, other	14
444	Power line down	10
5311	Smoke/Odor Investigation	22
550	Public service assistance, other	12
551	Assist police or other governmental agency	8
552	Police matter	1
5711	Mutual Aid	3
611	Dispatched & canceled en route	15
622	No incident found on arrival at dispatch address	8
650	Steam, other gas mistaken for smoke, other	1
700	False alarm or false call, other	5
730	System malfunction, other	2
733	Smoke detector activation due to malfunction	1
735	Alarm system sounded due to malfunction	13
740	Unintentional transmission of alarm, other	12
743	Smoke detector activation, no fire - unintentional	2
745	Alarm system sounded, no fire - unintentional	16
815	Severe weather or natural disaster standby	1

Total Number of Incidents: 497  
Total Number of Incident Types: 47

# City of Fenton Fire Department

## Incident Reporting by Month

January 1, 2009 - December 31, 2009



*Plotted points on Graph read from left to right*

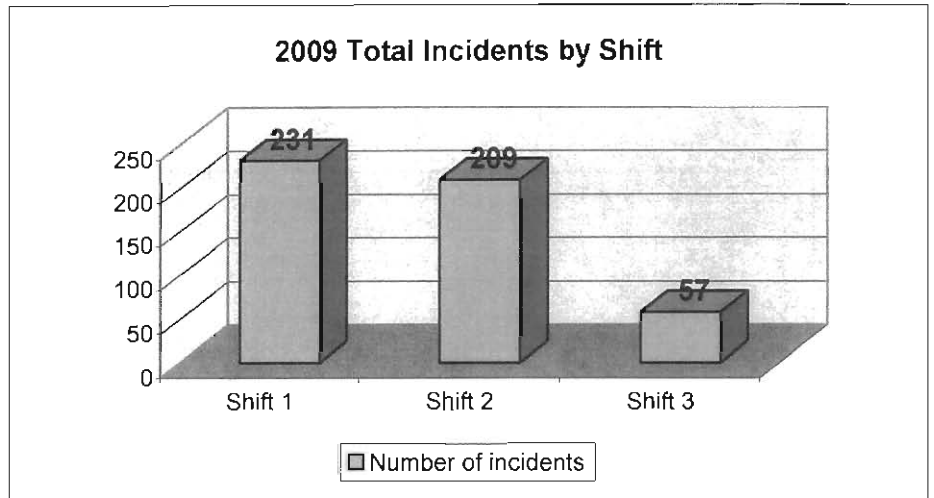
<u>Period</u>	<u>Number of Incidents</u>
January 2009	48
February 2009	44
March 2009	50
April 2009	38
May 2009	37
June 2009	50
July 2009	35
August 2009	39
September 2009	50
October 2009	46
November 2009	31
December 2009	29

**TOTAL INCIDENTS: 497**

## 2009 Incidents by Shift

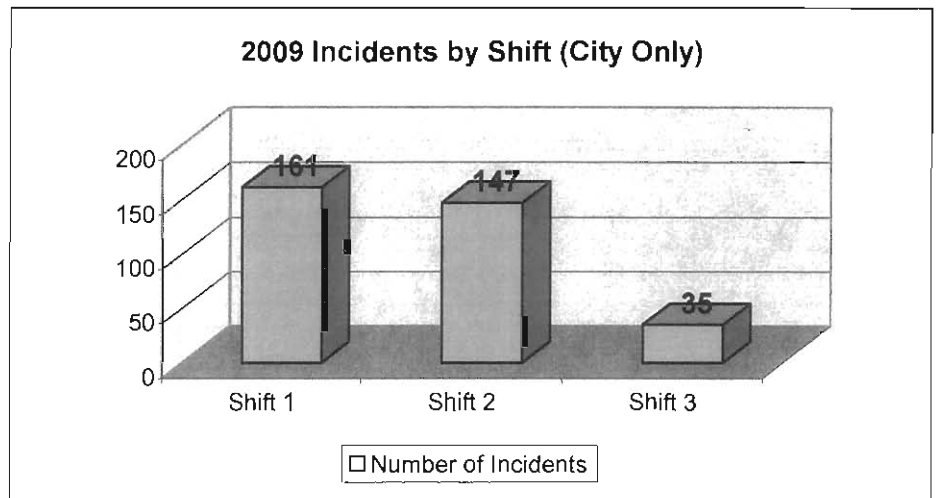
### 2009 Total Incidents by Shift

Shift 1	Shift 2	Shift 3
231	209	57



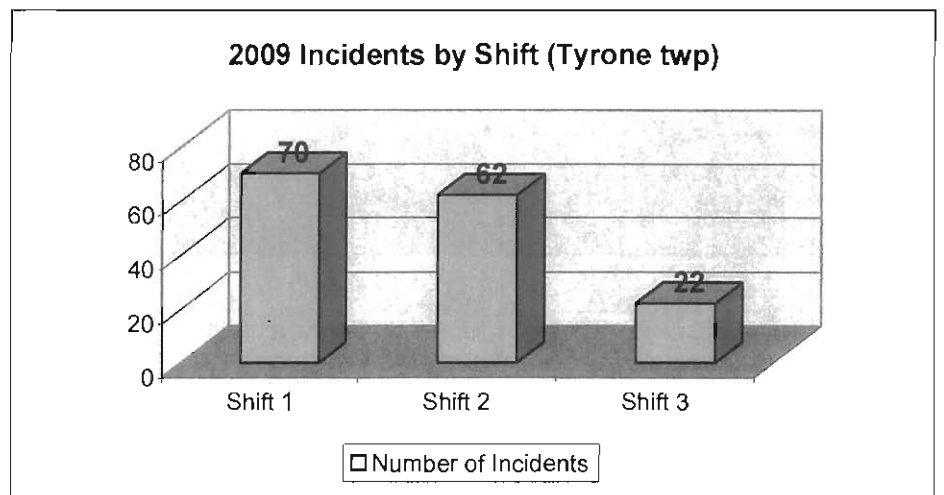
### 2009 Incidents by Shift (City only)

Shift 1	Shift 2	Shift 3
161	147	35

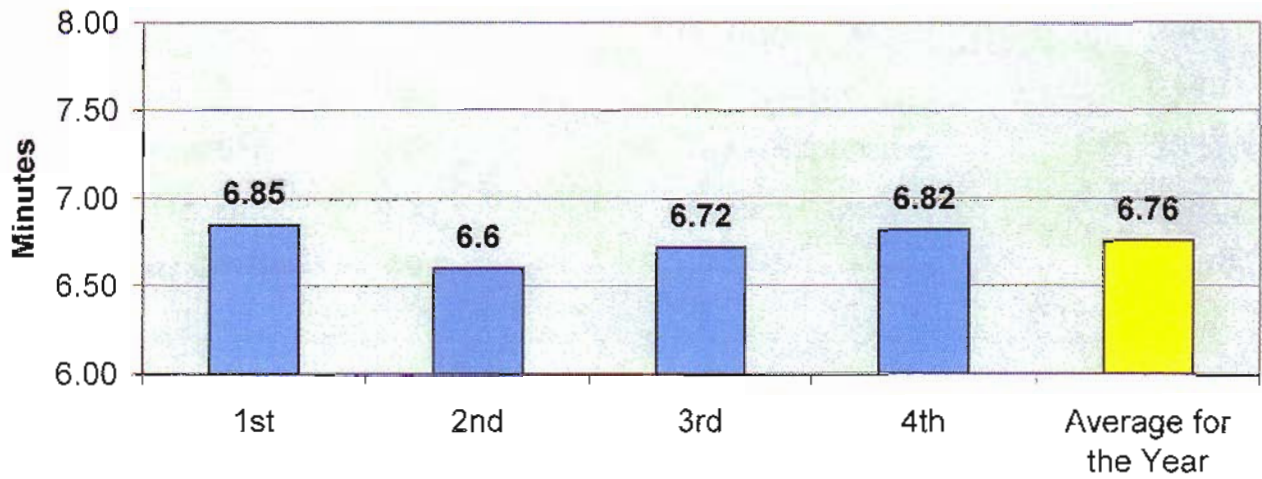


### 2009 Incidents by Shift (Tyrone Twp)

Shift 1	Shift 2	Shift 3
70	62	22

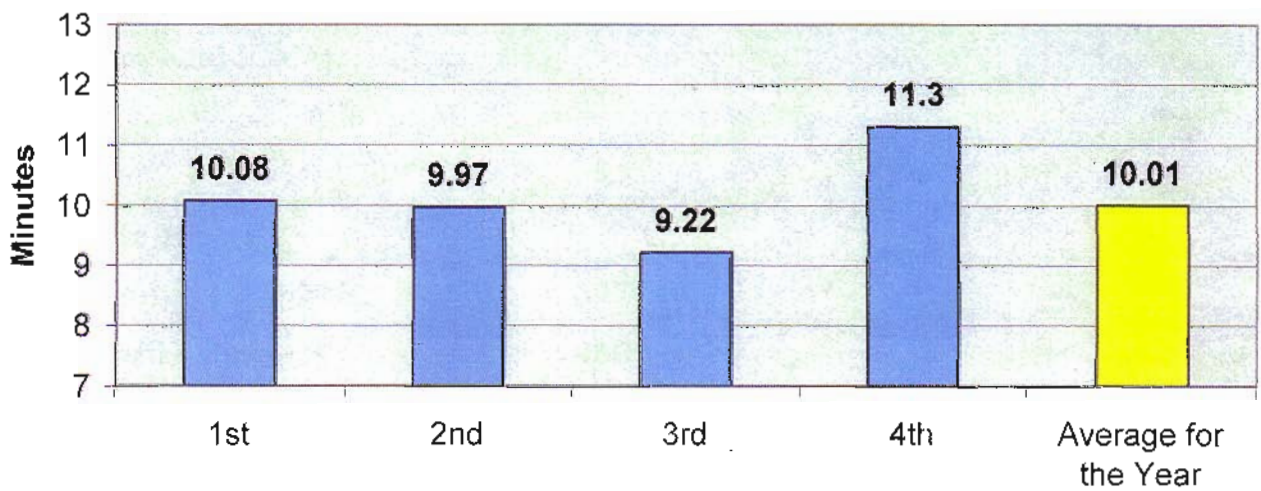


### 2009 Incident Response Times by Quarter



**City of Fenton**

### 2009 Incident Response Times by Quarter



**Tyrone Township**

**Number of Incidents**

January – March	142
April – June	125
July – September	124
October – December	<u>106</u>
<b>Total 2009</b>	<b>497</b>

**Personnel Responses**

January – March	2462
April – June	2145
July – September	2051
October – December	<u>1766</u>
	<b>8424</b>

**Payroll Cost per Quarter**

	<b>Incident Payroll</b>	<b>Total Payroll</b>
January – March	\$58,078.00	\$75,274.00
April – June	\$53,249.00	\$68,865.00
July – September	\$50,883.00	\$65,339.00
October – December	<u>\$43,492.00</u>	<u>\$56,259.00</u>
<b>Total 2009</b>	<b>\$205,502.00</b>	<b>\$265,737.00</b>

(Included in total payroll: Incident pay, overtime, training, fire prevention, officer pay and ICMA).

**Overtime Hours**

January – March	577
April – June	450
July – September	285
October – December	<u>150</u>
<b>Total 2009</b>	<b>1462 Hours = \$21,930.00</b>

*(Included in incident payroll)*

# City of Fenton Fire Department

## Property and Contents Value Saved

January 1, 2009 - December 31, 2009

### Incident Date: 1/6/2009

Incident #	Exp #	Incident Time	Incident Type		
7	0	8:05:00	111 Building fire		
		<b>Pre-Incident Property and Contents Value</b>	<b>Property and Contents Losses</b>		<b>Total Value Saved</b>
		240,000.00	20,000.00		220,000.00
		<b>Sum of Property and Contents Value Saved for this date:</b>			<b>220,000.00</b>

### Incident Date: 1/26/2009

Incident #	Exp #	Incident Time	Incident Type		
42	0	22:59:00	111 Building fire		
		<b>Pre-Incident Property and Contents Value</b>	<b>Property and Contents Losses</b>		<b>Total Value Saved</b>
		200,000.00	20,000.00		180,000.00
		<b>Sum of Property and Contents Value Saved for this date:</b>			<b>180,000.00</b>

### Incident Date: 1/28/2009

Incident #	Exp #	Incident Time	Incident Type		
45	0	7:25:00	111 Building fire		
		<b>Pre-Incident Property and Contents Value</b>	<b>Property and Contents Losses</b>		<b>Total Value Saved</b>
		125,000.00	5,000.00		120,000.00
		<b>Sum of Property and Contents Value Saved for this date:</b>			<b>120,000.00</b>

### Incident Date: 2/13/2009

Incident #	Exp #	Incident Time	Incident Type		
70	0	3:33:00	111 Building fire		
		<b>Pre-Incident Property and Contents Value</b>	<b>Property and Contents Losses</b>		<b>Total Value Saved</b>
		2,300,000.00	1,750,000.00		550,000.00
		<b>Sum of Property and Contents Value Saved for this date:</b>			<b>550,000.00</b>

## 2009 PROPERTY AND CONTENTS VALUE SAVED

Incident Date: 2/20/2009

Incident #	Exp #	Incident Time	Incident Type			
80	0	1:38:00	111 Building fire			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				95,000.00	10,000.00	85,000.00
				Sum of Property and Contents Value Saved for this date:		85,000.00

Incident Date: 3/5/2009

Incident #	Exp #	Incident Time	Incident Type			
98	0	17:47:00	150 Outside rubbish fire, other			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				150,000.00	2,500.00	147,500.00
				Sum of Property and Contents Value Saved for this date:		147,500.00

Incident Date: 3/6/2009

Incident #	Exp #	Incident Time	Incident Type			
100	0	14:23:00	1002 Other Type of Fire			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				1,000,000.00	100.00	999,900.00
				Sum of Property and Contents Value Saved for this date:		999,900.00

Incident Date: 4/8/2009

Incident #	Exp #	Incident Time	Incident Type			
151	0	22:30:00	111 Building fire			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				250,000.00	500.00	249,500.00
				Sum of Property and Contents Value Saved for this date:		249,500.00

Incident Date: 4/17/2009

Incident #	Exp #	Incident Time	Incident Type			
160	0	17:56:00	111 Building fire			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				250,000.00	175,000.00	75,000.00
				Sum of Property and Contents Value Saved for this date:		75,000.00

## 2009 PROPERTY AND CONTENTS VALUE SAVED

Incident Date: 5/22/2009

Incident #	Exp #	Incident Time	Incident Type			
205	0	10:22:00	131 Passenger vehicle fire			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				10,000.00	10,000.00	0.00
				Sum of Property and Contents Value Saved for this date:		0.00

Incident Date: 6/11/2009

Incident #	Exp #	Incident Time	Incident Type			
232	0	15:58:00	130 Mobile property (vehicle) fire, other			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				10,000.00	500.00	9,500.00
				Sum of Property and Contents Value Saved for this date:		9,500.00

Incident Date: 6/14/2009

Incident #	Exp #	Incident Time	Incident Type			
237	0	15:31:00	5311 Smoke/Odor Investigation			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				400,000.00	0.00	400,000.00
				Sum of Property and Contents Value Saved for this date:		400,000.00

Incident Date: 6/26/2009

Incident #	Exp #	Incident Time	Incident Type			
259	0	0:07:00	440 Electrical wiring/equipment problem, other			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				100,000.00	10.00	99,990.00
				Sum of Property and Contents Value Saved for this date:		99,990.00

Incident Date: 8/6/2009

Incident #	Exp #	Incident Time	Incident Type			
309	0	17:33:00	111 Building fire			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				125,000.00	17,000.00	108,000.00
				Sum of Property and Contents Value Saved for this date:		108,000.00

## 2009 PROPERTY AND CONTENTS VALUE SAVED

Incident Date: 8/9/2009

Incident #	Exp #	Incident Time	Incident Type			
317	0	23:02:00	111 Building fire			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				200,000.00	13,000.00	187,000.00
				Sum of Property and Contents Value Saved for this date:		187,000.00

Incident Date: 9/26/2009

Incident #	Exp #	Incident Time	Incident Type			
384	0	20:41:00	114 Chimney or flue fire, confined to chimney or flue			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				180,000.00	0.00	180,000.00
				Sum of Property and Contents Value Saved for this date:		180,000.00

Incident Date: 11/28/2009

Incident #	Exp #	Incident Time	Incident Type			
466	0	17:44:00	113 Cooking fire, confined to container			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				1,000,000.00	25.00	999,975.00
				Sum of Property and Contents Value Saved for this date:		999,975.00

Incident Date: 12/7/2009

Incident #	Exp #	Incident Time	Incident Type			
474	0	22:03:00	111 Building fire			
				Pre-Incident Property and Contents Value	Property and Contents Losses	Total Value Saved
				2,020,000.00	3,500.00	2,016,500.00
				Sum of Property and Contents Value Saved for this date:		2,016,500.00

Grand Total of Incidents: 18

Total of Dates Counted: 18

Grand Total of Property and Contents Value Saved: 6,627,865.00

# 2009 Photos



Aerial view of  
Silver Lake Hills



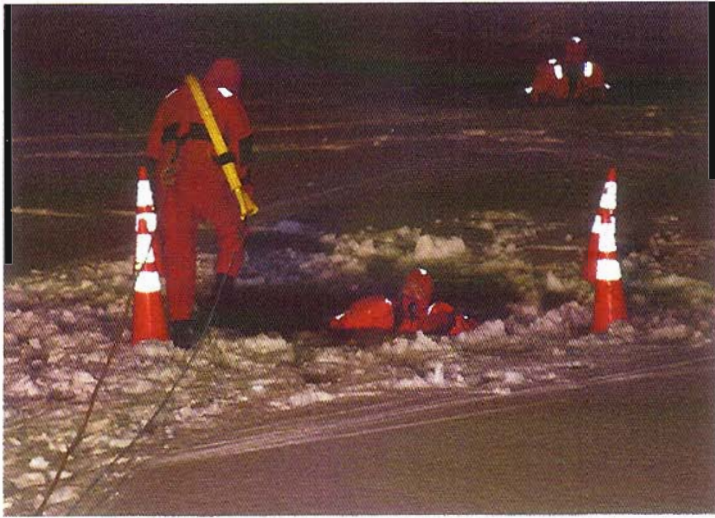
Chemical spill  
at High School



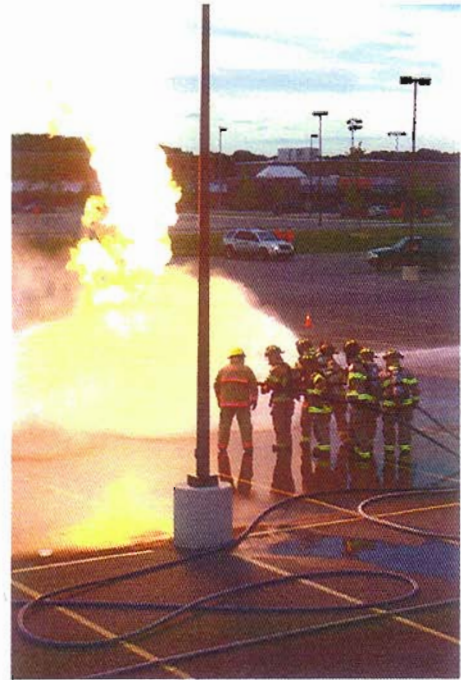
Another view of  
Silver Lake Hills fire



9/11 Ceremony



Ice Rescue Training



Propane gas training

# 2009



Fire prevention open house



House fire on Tipsico Lake Rd.



OCC Live fire training



US 23 Vehicle crash

# New Tanker 14



Dedication of new truck to Bruce Dorland (Retired Fire Chief)



New truck Tanker 14 placed into service on 12/28/2009