



South Euclid Fire Department 2014 Annual Report

South Euclid Fire Department – 2014 Annual Report



COME TOGETHER & THRIVE

Division of Fire

Douglas A. Stefko
Fire Chief

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The Honorable Georgine Welo, Mayor
Members of City Council
City of South Euclid, Ohio

On behalf of the members of The South Euclid Fire Department, I respectfully submit for your review the 2014 Annual Report of activities. This report is a summary of the accomplishments of the South Euclid Fire Department over the past year. It also includes statistical data from all Fire Department categories and information regarding the various activities of the Department.

In 2014, we saw the retirement of Assistant Chief Mike Carney and Lieutenant Tim Carney. These retirements brought the total number of personnel in the Fire Department down to 29. In August, one new member was hired, bringing the total Fire Department staffing up to 30 personnel. The following promotions occurred; Dave Csire was promoted to Assistant Chief, Paul Tepley and Larry Gaspar were promoted to the rank of Captain, while Greg Duy, Geff Turchon and Alex Picone were promoted to the rank of Lieutenant. These promotions filled the Administrative positions and brought our officer ranks to a full complement. By maintaining a strong core of Officers, the South Euclid Fire Department remains poised to provide outstanding leaders in the foreseeable future.

Overall, emergency responses were slightly down from 3,441 in 2013, to 3,375 in 2014. EMS responses saw a 3% increase over 2013, with a total of 2,283 EMS calls for service. Of these calls, 1,499 patients were transported to area hospitals. Fire responses decreased sharply, from 1,267 in 2013 to 1,092 in 2014.

As we enter into 2015, I feel it is necessary to address the "409 – Safety Forces Vehicle" Fund. This fund was started in 2001 to address the future vehicle needs of the Fire Department. Each year, the first \$200,000 collected from EMS Billing is deposited into the Fund. Over the past 15 years, this amount has remained the same while prices of vehicles have risen dramatically. In addition, this fund is now using up to \$50,000 annually for vehicle repairs, Firefighter Personal Protective Equipment (PPE), Self-Contained Breathing Apparatus (SCBA) and replacement of expensive, one-of-a-kind items like thermal imaging cameras and gas monitoring equipment. Lastly, when the fund was started, it was projected to replace EMS units every five years, effectively expecting these units to provide emergency service for 15 years. This is no longer practical. EMS Units, at a minimum, should be purchased at four year intervals, allowing these units to serve for no more than twelve years. I would recommend increasing the annual amount going into this fund by at least \$25,000.

I would like to thank the members of the South Euclid Fire Department for their continued dedication to the organization and the Community. Also, thanks to the members of City Council and the residents of South Euclid for the opportunity to serve.

Respectfully,

Douglas A. Stefko
Chief, Division of Fire

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CLASSIFICATION AND ASSIGNMENT OF FIRE DEPARTMENT PERSONNEL

ADMINISTRATIVE OFFICERS

Chief Douglas Stefko OFE, Paramedic, CFSI, FI

Assistant Chief Dave Csire Paramedic CFSI, FI, HASRT

FIRE PREVENTION BUREAU

Inspector Scott Sebastian, CFSI, Paramedic, Arson

FIRE SUPPRESSION – EMERGENCY MEDICAL PERSONNEL

Captain Ted Shoop OFE	Paramedic	CFSI, FI
Captain Paul Tepley	Paramedic	CFSI, FI, HASRT
Captain Larry Gaspar OFE	Paramedic	CFSI, FI, HASRT
Lt. Pat Arth	Paramedic	CFSI, FI
Lt. Greg Duy	Paramedic	CFSI
Lt. Geffry Turchon	Paramedic	CFSI, FI, Arson
Lt. Alex Picone	Paramedic	CFSI, FI
FF Joe Pavlisko	Paramedic	CFSI
FF Dan Drees	EMT	
FF Joe Zuccaro	Paramedic	CFSI, FI, HASRT
FF Scott Wilms	Paramedic	CFSI, HASRT
FF Aaron Lowe	EMT	
FF Ben Ovelgonne	Paramedic	CFSI, Arson
FF Chris Erskine	Paramedic	
FF Matt Ziemba	Paramedic	CFSI
FF Pedro Garcia	Paramedic	CFSI, FI, EMS, HASRT
FF Sean Patitucci	Paramedic	CFSI, Arson
FF James Moroney	Paramedic	CFSI, FI
FF Tom Henry	Paramedic	Arson
FF John Scudellari	Paramedic	FI
FF Eric Thompson	Paramedic	
FF Chris Saplak	Paramedic	
FF Dan Kolodka	Paramedic	
FF Tom Canitia	Paramedic	FI
FF Marvin Willock	Paramedic	
FF Nick Sweetnich	Paramedic	
FF Matt Simon	Paramedic	

Arson – Fire investigative unit

CFSI-Fire Safety Inspector

FI-Fire Instructor

EMS-EMS Instructor

HASRT – Heights Area Special
Rescue Team

OFE – Ohio Fire Executive

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Promotions, Retirements and Appointments

Promotions

Dave Csire – Assistant Chief – April 4, 2014

Paul Tepley – Captain – April 16, 2014

Greg Duy – Lieutenant – May 13, 2014

Geff Turchon – Lieutenant - May 13, 2014

Larry Gaspar – Captain – August 14, 2014

Alex Picone – Lieutenant - August 14, 2014



Retirements

Tim Carney – Lieutenant – January 18, 2014

Mike Carney – Assistant Chief – March 29, 2014

Appointments

Matt Simon – Firefighter – August 11, 2014



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2014 Firefighter of the Year

Joe Pavlisko Firefighter EMT-P



Joe Pavlisko was appointed to the South Euclid Fire Department November 5, 1984 and recently completed 30 years of service to the residents of South Euclid. Joe is one of the first paramedics for the City of South Euclid as he graduated Paramedic school in June of 1987. Joe is also a Certified Fire Safety Inspector.

Joe was nominated by his peers and chosen by the awards committee as Firefighter of the Year. Joe has exemplified over the past 30 years what it is to be a model South Euclid Firefighter. His knowledge and experience is an asset to the department and can be depended on for sound advice when needed. He has proven this with his multiple saves on emergencies and mentoring of many of fire department members. Joe is married to his wife Sue and is the father of two sons and a daughter: Joe, Eric and Karen

The members of the South Euclid Fire Department congratulate Joe and thank him for his dedication and service.

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Fire Department Operations - Captain Ted Shoop, OFE

The South Euclid Fire Department responded to 3375 calls for service in 2014. The unpredictable nature of the fire service requires that we respond to each call keeping in mind the worst possible scenario. Currently, the SEFD has a minimum staffing level of seven, 24 hours a day, seven days a week, 365 days a year. Each member on duty is assigned to a certain vehicle(s) and each assignment has certain responsibilities. The purpose of a minimum staffing level is to provide for the maximum safety of the firefighters, residents and community we are sworn to protect.

The response for a medical (EMS) emergency would be as follows:

Squad 341: (2) Two paramedics.

Car 353 - also referred to as the “chase car”: (1) One paramedic. If the squad crew determines that the call can be handled appropriately by two paramedics, Car 353 would return to the fire station or respond to another call.

If a 2nd EMS call is received while squad 341 is committed, squad 342 would respond along with car 353.

Mutual aid would be requested for any call received while South Euclid equipment is committed and unable to respond.



Squad 341

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Fire Department Operations - Captain Ted Shoop, OFE

The response for a report of a structure fire would be as follows:

Engine 312: (3) One officer, driver/operator and one firefighter.

Ladder 321: (2) One officer (or acting officer), driver/operator.

Squad 341: (2) Two firefighters.

* On *confirmation* of a working (active) fire, the MABAS (mutual aid box alarm system) system would be activated. This provides additional equipment and personnel from neighboring cities. If the call is for a fire in a single family residence, a MABAS response would consist of an engine from University Heights, ladder trucks from Cleveland Heights and Lyndhurst, and a squad from Beachwood. Once all the necessary fire equipment/personnel are on the scene, fire department operations will typically fall into three major categories: Command, Engine Operations and Truck Operations.

Command: Command is responsible for the strategy, tactics, safety and communication of the incident. The command role is filled by the highest ranking officer on-scene.

Engine Operations: The main responsibility of the engine crew is to secure a water supply, locate, confine and extinguish the fire. While simultaneously extinguishing fire, the crew will search the fire area for victims and report to command. With seven members on duty, these tasks are performed by two or three personnel.

*NFPA 1710 recommends a safe engine company staffing level of four firefighters



Engine 312

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Fire Department Operations - Captain Ted Shoop, OFE

Truck Operations: The main responsibilities of the truck crew are to force entry if needed, search for victims and ventilation of the fire building. Truck operations at times require the use of ladders. Truck 321 is equipped with a 78' truck mounted ladder and various ground ladders
*NFPA 1710 recommends a safe Truck company staffing level of four firefighters



Truck 321

Training at Notre Dame College

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Heights Area Special Rescue Team



Overview

The South Euclid Fire Department is one of six area fire departments that comprise the Heights Area Special Rescue Team (HASRT). These departments are South Euclid, Beachwood, Cleveland Heights, Euclid, Shaker Heights, and University Heights. Currently, there are 43 total members on the team with South Euclid providing seven members. The members that comprise the HASRT team are a group of highly motivated, action-oriented fire fighters who have all volunteered to be on the team. All HASRT team members are fire fighters that have taken additional specialized rescue training in the areas listed below and train throughout the year to make sure their skills are current and meet the established national standards.

While the HASRT team provides technical rescue to surrounding communities, there is also a mutual agreement with the Chagrin/Southeast Cuyahoga County Hazardous Materials Response Team to provide Hazmat responses to the region. This partnership was formed in order to consolidate resources and maintain a professional hazardous materials response when needed.

Because fire departments are historically the “ones to call when you don’t know who else to call,” HASRT was established so that our fire departments could be better prepared to handle the out-of-the-ordinary rescue situations. The following list of disciplines represents these out of the ordinary situations that the special rescue team has been trained in but are not limited to,

- Confined Space Entry and Rescue
- Ice Rescue
- Mud Rescue
- Rope Rescue, including Slope and High Angle
- Tower Rescue

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Trench Rescue

Structural Collapse Rescue (new for HASRT as a whole team)

Wind Turbine Rescue (new for HASRT as a whole team)

Administration

HASRT is overseen by the Chiefs of the six member fire departments and it is their guidance and direction that keep the team well-trained and well-prepared and as a group they determine the annual budget for the team. The day-to-day operations of the entire HASRT team are overseen by a commander. Each member city also has a team leader who is responsible for organizing HASRT activity in their respective city. Team leaders attended approximately 4 hours of meetings during the year.

Equipment

In 2014 the team made equipment purchases of additional gear for each member including upgraded cold weather outfits of coats and pants, Pick-Off Straps, Daisy Chains, and Carabiners.

HASRT was also able to secure grant money to purchase much needed equipment to upgrade our confined space rescue capability. This equipment included 5 Scott Air confined space 10 minute emergency escape air packs, 2 new confined space air hose reels and carts, 1200 feet of air hose to go onto these carts, and one confined space portable air supply cart used to hold SCBA air tanks that supply the breathing air to the rescuers. This air supply cart upgrades our current capabilities from being able to supply 2 rescuers to now being able to supply 4 rescuers, (2 entrants and 2 back up rescuers). The new emergency escape packs were needed because the old ones were nearing the end of their service life and the new ones have the latest technology allowing for hands free change-over of air supply in the event of an emergency. This automatic change over is from the supplied air cart to the 10 minute rescue pack, and the face pieces have a vibrating mechanism to alert the rescuer of this change and the immediate need to evacuate. Plus we now have an extra escape pack allowing us to upgrade air supply for the victim. Scheduled purchases for 2015 will be to further upgrade the confined space equipment needs.

HASRT & FEMA

Ohio has its own FEMA task force, based in Dayton, which is commissioned to respond to disasters such as 9/11 and Hurricane Katrina. To complement the efforts of this task force, the state is also sub-divided into 9 regions, each with a Regional Strike Team. Several members of the entire HASRT team are also part of the Ohio Region 2 (Northeast Ohio) Strike Team, specializing in structural collapse rescue. Region 2 encompasses the following five counties, Ashtabula, Lake, Geauga, Cuyahoga, and Lorain. Captain Paul Tepley and Firemedic Joe Zuccaro are the South Euclid team members on the Region 2 strike team.

Training

HASRT conducts eight trainings, each focusing on one of the different rescue disciplines. All these trainings were conducted in conjunction with the Hilltech Technical Rescue Team because we are each other's back up. Joint trainings allow us to become familiar with each team's subtle differences in equipment. This ensures that in the event of a joint rescue, everyone is proficient in the available equipment on-scene regardless of which team it came from. Planned trainings for 2015 include bringing all members up to the technician level in Rope, Trench and Confined Space.

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In 2014, each member attended a varying amount of hours. The team as a whole completed 339 total hours of special rescue training. By discipline, those hours break down as shown below.

<i>Discipline</i>	<i>Hours</i>
Rope Rescue	24 hours
Trench Rescue	176 hours
Confined Space Entry and Rescue	30 hours
Structural Collapse Rescue	79 hours
Heavy Equipment Rigging	30 hours

New to the HASRT team as a whole was to try and get the entire team trained to the structural collapse operations level. This is the beginning level where attendees learn search markings, the principles of lifting, moving, shoring, cutting through concrete and rebar and the use of a wide variety of tools to accomplish the tasks necessary to rescue a trapped victim. They also learn how to use a snake like search camera to try and view these victims in small areas, and also how to shore up doors, windows, weakened floors and the side of a wall so the area they are going to work in is safe from further collapse.

Two, 4 day sessions were paid for by moneys secured through grants obtained by the Region 2 team administration. They were held in vacant houses slated for demolition in Cuyahoga County and also at Cuyahoga Community College western campus. Firefighter Pedro Garcia was able to attend and attain the Operation level certification, Capt. Paul Tepley attended as one of the instructors and Team Leader Joe Zuccaro attended as a technician refresher. By making this collapse rescue training available to the entire team helps to increase the knowledge of the members and strength of the team.

The Region 2 team also funded a 3 day, 30 hour Heavy Equipment Rigging Specialist class, conducted at the Operator Engineers training facility in conjunction with the Operator Engineers local. This class provided attendees instruction on how to request a crane, interact with the crane operator, use chains, come-alongs, fabric hoists, and slings to rig very heavy, odd shaped objects, and using approved hand signals to direct the crane operator to lift and move the object off of a victim or out of the way so access can be gained to the trapped victim. This class was attended by Team Leader Joe Zuccaro. 30 hours total.

The HASRT and Hilltech teams jointly funded a Trench Rescue class at the Baker Corp. in Medina. This was a two part, weeklong class. Day 1 and 2 were level one (Operations) and day 3, 4 and 5 were level two, granting a certification level of Technician. Firefighter Eric Thompson and Firefighter Tom Canitia attended all week and Team Leader Joe Zuccaro attended days 3, 4, 5 for a technician level refresher. 104 hours total.

Something new that I tried to institute in our department this year because our members may not have been able to attend the bimonthly trainings was to have them do in station practice of knots, rope systems, equipment and general review of things we covered at these bi monthly trainings, pertaining to the scheduled discipline. 4 hours total.

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The Region 2 team conducted a one day disaster callout drill to test the activation capabilities of the entire team. This drill was conducted on the site of the now closed Geauga Lake amusement park. In attendance were members from the rescue teams from the five counties that make up the Region 2 team. Also attending were the Cuyahoga County sheriff's department, Orange police dept command and communications vehicle, the Lake County and Cleveland fire departments dive rescue teams, heavy equipment operators from the Operator Engineers yard, Bainbridge fire department and search dogs from Ohio Search Dog Association. Our Region 2 structural collapse engineer and a police department observation drone also participated.

This was a simulated tornado event and was an attempt to cover all aspects of what would happen, beginning with the local fire department response, to the activation of HASRT, to the activation of the Region 2 team, and then the utilization of all aspects of our training. The exercise was observed and critiqued by local fire chiefs and the team commanders of the local rescue teams. Funding for this drill was also made possible from a grant secured by the Region 2 administration. This drill was attended by Team Leader Joe Zuccaro. 9 hours total.

Personnel

Two new members joined the SEFD HASRT team to fill the voids created by retired members. New members include: Firefighter Eric Thompson and Firefighter Tom Canitia.

South Euclid Fire Department members currently assigned to HASRT include:

Asst. Chief/ EMT-P Dave Csire
Captain / EMT-P Paul Tepley
Fire Fighter / EMT-P Scott Wilms
Fire Fighter / EMT-P Pedro Garcia
Fire Fighter/ EMT-P Eric Thompson
Fire Fighter/ EMT-P Tom Canitia
Fire Fighter / EMT-P Joe Zuccaro *
* = (team leader)

Retirements

After 18 years of dedicated service to the city, the team and the surrounding communities, Capt. Larry Gaspar and Team Leader Joe Zuccaro retired from the team.

Team Callouts

Run # 2014-1296 Call for a rope rescue at 7014 Old Mills Rd. in Chesterland. For a juvenile that fell 100 ft. into a gorge. HASRT and Hilltech combined and set up rope systems to aid in getting rescuers down to the victim that had suffered ankle and foot injuries and then used the same systems to bring both back up the hillside. The victim was transported to the hospital.

Run # 2014-1999 Call for a water Rescue in Richmond Hts. Upon arrival the victim was just being brought out of the water by first on scene rescuers and the rescue was complete.

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Run # 2014-2096 Call for Region 2 USAR team to Boston Mills Ski Resort in the Cuyahoga Valley National Park for a missing person. Members were integrated into teams searching in an organized manner under the control of the park system and Region 2 command structure until they were cancelled for the night. Region 2 members were instrumental in finding the victim days later.

Run # 2014-2370 Call for a rope rescue at 3737 Lander Rd. in Pepper Pike for a juvenile that fell down an embankment and suffered minor injuries. HASRT and Hilltech combined and set up rope systems to aid in getting rescuers down to the victim and then used the same systems to bring both back up the hillside. The victim was transported to the hospital.

All of these calls are examples of why training and training together is so important. Also why the teams try to make similar equipment purchases so that when working together at an incident everything runs smoothly.

Hopefully from the above mentioned information you can feel that this is an exciting and rewarding opportunity and a great adrenaline rush. As I leave the team I would like to thank all the Chiefs and team members that I have worked with. I will miss being part of the team especially all of the trainings and wish the best of luck to those that remain.

Respectfully submitted,
Joe Zuccaro



Heavy Equipment Rigging Specialist Class in Richfield, Ohio.
Here, members of the team practiced using torches to cut steel into smaller pieces to facilitate easier removal in the event of a collapse.

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Above: Members of the the team use what are called raker shores to brace the side of a building to prevent further collapse



Above: Members note building markings to ensure safe operations.

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Above: *Confined Space Rescue Training. Members use a Self-Contained Breathing Apparatus (SCBA) to enter an atmosphere with insufficient amounts of oxygen.*



Above: *Members learn to hoist an object exactly as it laid on a car to provide a rescue and to ensure the lifted object will not shift while being moved.*

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Fire Department Training – Captain Paul Tepley

During fire station tours or when we are participating in a block party, one of the common questions asked is what we do during the day when we are not responding to calls. There are many things that we have to complete, but nothing is more important than training for the emergency responses we respond to. In 2014, the fire department had more opportunities to get out of the station and take the training into the community. This was done using vacant houses and other locations to simulate real-world incidents. There are three different types of training we perform which include: on duty shift training where firefighters scheduled for the day participate in daily training, off duty outside education where firefighters and officers attend classes to advance their emergency response preparedness and lastly, online training.

On Duty Training

The South Euclid Fire Department takes pride in the amount of training that we do throughout the year. On duty training is performed every day in one form or another. There are daily morning quick drills that consist of a shift member doing a 10-15 minute drill on a topic of their choice. Every month the shifts conduct pre-plan tours at different locations and businesses in the community. There is a different ground ladder each month that the shifts have to do training on as well as a monthly Self-Contained Breathing Apparatus (SCBA) Drill.

There is mandatory training we do every year and those primary topics include; Emergency Medical Services Continuing Education (EMS), Hazardous Materials response (HAZ-Mat), Vehicle Extrication, Bloodborne Pathogens, and Emergency Driver Training. Non-Mandatory training focused on firefighter mayday, standpipe operations, incident command and self-contained breathing apparatus'.

Off Duty/Outside Education

Outside education is used to train our personnel in other topics that cannot be done at the fire station. This type of education/training is very important to the future of the department as the leaders of tomorrow need to be trained and prepared today. There is a big push in the fire service regarding higher education. Nationwide, the higher the rank in the department, the more educated that you are expected to be. Many Officer level positions look for bachelors degrees. No longer is it common place for a firefighter to be hired and then obtain all of his/her training and education at the station.

In 2014 the department was able to send some of the members to outside education. Members attended trainings such as basic arson investigation, structural collapse operations and technician, trench rescue and fire officer development classes to name a few.



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Online Training

Online training is just like it sounds. Members of the department are required to log into online training websites and complete a minimum amount of training for the year. EMS training is done through the EMS Jane website and Fire Training is completed on the 24/7 fire training website. A minimum of 4 classes have to be completed using the EMS Jane and 24/7 websites.

Congratulations to Captain Ted Shoop on his graduation from the Ohio Fire Executive (OFE) program in Columbus, Ohio on June 20, 2014. Graduation from the OFE program signifies one of the highest levels of achievement in the fire profession. The OFE program, created and administered by the Ohio Fire & Emergency Services Foundation, is an executive development program. The OFE curriculum assesses, enhances and refines the leadership qualities of officers who are currently in leadership roles of their organizations and develops 'bench strength' in high potential senior officers who can move into positions of greater responsibility. The content and processes of the intensive 2 ½ year program were chosen to support the acquisition of improved leadership capabilities. It is envisioned that the program will have an impact on participants in five domains: Knowledge acquisition, Self-awareness building, Perspective change, Skill development and Behavior change.

During the five weeks of in-residence classes, and during the interim between those weeks, the program requires in-depth participation in a significant number of learning modules. In part, participants are required to read books and case studies, write several papers, present in-class speeches, develop an organizational strategic plan and complete a research project. Captain Shoop was also recognized for his superior achievement on his applied research paper entitled “An Evaluation of the South Euclid Fire Department Fire Prevention Bureau”. Captain Shoop joins a list of current and past SEFD members that have completed this executive level program and they include current members Chief Doug Stefko and Captain Larry Gaspar, and past members Chief Tom Cannell (EFO), Chief Rick Huston, and Assistant Chief Mike Carney.



First row second from the left: *Captain Shoop with his graduating OFE class of 2014.*

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2014 Outside Education

Chief Doug Stefko

Emergency Management Water Workshop
Electronic Reporting
Scenario Based Officer Training
ICS 400
Active Shooter
Boston Marathon Bombing

CC Emergency Management Agency
University Hospitals
Guest Speaker
FEMA
Mayfield Hts. FD
FBI

Asst. Chief Dave Csire

Fire Officer or Parent
Emergency Management Water Workshop
Electronic Reporting
Scenario Based Officer Training
NEOFPA City Law and Local Ordinances
Fire Officer III
Microsoft excel
Fire Instructor Update
NIMS ICS 400
Fire Chiefs Meeting. UH Sansio
Active Shooter

CC Officers Association
CC Emergency Management Agency
University Hospitals
Guest Speaker
NEOFPA
BGSU
Fred Pryor Seminar
Tri-C
FEMA
University Hospitals
Mayfield Hts. FD

Captain Tedman Shoop

OFE Week 5 Topics
 Leadership
 Change Initiatives
 Policy Formulation
 Ohio Ethics Laws
 Human Resources

Fire Officer or Parent
NIMS 702 A
NIMS 703 A

Graduated: Ohio Fire Executive Program
June 2014.

CC Officers Association
FEMA
FEMA

Captain Larry Gaspar

Scenario Based Officer Training

Guest Speaker

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Captain Paul Tepley

Fire Instructor State Laws update	Tri-C
Propane Quad Train the Trainer	Tri-C
Structural Collapse Tech II	Texas A&M
Fire Officer II	Ohio Fire Academy
Scenario Based Officer Training	Guest Speaker
Human Resource Management for the Fire Service	Anna Maria College
Diversity in the Workforce	Anna Maria College
Fire Investigation and Analysis	Anna Maria College
NIMS 702A	FEMA
Grant Research and Writing Level I	BGSU
Experience and Education-A more Powerful Force	Ohio Fire Expo
Fire on Your Main Street	Ohio Fire Expo
101 Drills for the Company Officer	Ohio Fire Expo

Lieutenant Patrick Arth

Scenario Based Officer Training	Guest Speaker
Fire Instructor Update	Tri-C

Lieutenant Greg Duy

Fire Officer I	Ohio Fire Chief's Association
Scenario Based Officer Training	Guest Speaker
Fire Safety Inspector	BGSU
Blue Card simulations	Concord FD

Lieutenant Geffry Turchon

Fire Instructor Update	Tri-C
Scenario Based Officer Training	Guest Speaker
NIMS 701A	FEMA
NIMS 800	FEMA

Lieutenant Alex Picone

Scenario Based Officer Training	Guest Speaker
Fire Instructor Update	Tri-C
Blue Card Incident Command 50 hr. course	Brunacini

Fire Inspector Scott Sebastian

Introduction to Modern Architecture Design	University of Cincy
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Hazardous Materials	University of Cincy
Website Management and Design	University of Cincy
Applications of Fire Research	University of Cincy
Fire and Emergency Service Administration	University of Cincy
EMS Legal	University of Cincy
Introduction to Industrial Hygiene	University of Cincy
Fire Investigation and Analysis	University of Cincy
Classical Mythology	University of Cincy
EMS Statistics	University of Cincy
Managerial Issues of Hazardous Materials	University of Cincy
Car seat technician refresher course	Cleveland SafeKids
NFPA 921 and 1033 2014 Editions: Updates and Revisions	CFITrainer.net
NFPA 1033 and Your Career	CFITrainer.net
Fire Investigation Documenting the Event	CFITrainer.net
Ethics and the Fire Investigator	CFITrainer.net
The Scientific Method for Fire and Explosion Investigation	CFITrainer.net
Fire Investigator: Basic Origin and Cause Course	Tri-C
Pool Chemical Safety course	NEOFPA
Fire Code Review: Fairs, Festivals, and food trucks	NEOFPA
Fire Retardant Wood and the building code	NEOFPA
Commercial Kitchen Exhaust Hood Cleaning and Fire Related Problems	NEOFPA
Flexible Sprinkler Head lines and Drops	NEOFPA
Fire Stopping for Commercial Occupancies	NEOFPA
NEOFPA City Law Local Ordinances	NEOFPA
IS-00005.a: Intro to Hazardous Materials	FEMA
IS-00340: Hazardous Material Prevention	FEMA
IS-00702.a: NIMS Public Information Systems	FEMA
Fire Investigation & Analysis	Hillcrest FIU

Joe Pavlisko

Scenario Based Officer Training	Guest Speaker
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Firefighter Joe Zuccaro

Car Seat Refresher	Cleveland Safe Kids
CSC Train Emergency Response to RR Incidents	CSX
Fire Instructor update	Tri-C
Heavy Equipment Rigging Specialist	Region 2 USAR

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Benjamin Ovelgonne

Basic Origin and Cause	Tri-C
Managing Major Fires	Strongsville (John Coleman)
NFPA 921 and 1033 2014 Editions: Updates and Revisions	CFITrainer.net
NFPA 1033 and Your Career	CFITrainer.net
Fire Investigation Documenting the Event	CFITrainer.net
Ethics and the Fire Investigator	CFITrainer.net
The Scientific Method for Fire and Explosion Investigation	CFITrainer.net

Firefighter Pedro Garcia

Structural Collapse Operations	Region 2 USAR
Scenario Based Officer Training	Guest Speaker

Firefighter Jamie Moroney

Scenario Based Officer training	Guest Speaker
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Firefighter Eric Thompson

Fire Investigation and Analysis	Anna Maria College
Trench Rescue Operation	Baker Corp
Trench Rescue Technician	Baker Corp

Firefighter Chris Saplak

Scenario Based Officer Training	Guest Speaker
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Firefighter Tom Canitia

BSA Youth Protection Training	
Trench Rescue Operations	Baker Corp
Trench Rescue Technician	Baker Corp

Firefighter Nick Sweetnich

Scenario Based Officer Training	Guest Speaker
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FireFighter Matt Simon

NIMS 200	FEMA
Scenario Based Officer Training	Guest Speaker

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Emergency Medical Services – Lt. Greg Duy

Emergency Medical Services in the City of South Euclid accounted for a total of 2283 calls in 2014. This was 67.6% of the total call volume for the Fire Department. It was also an increase of 3% from 2013. Of those calls, 1,499 of them required transport to the below hospitals.

Patient Transport Count per Destination for Date Range

Start Date: 01/01/2014 | End Date: 12/31/2014

HOSPITAL DESTINATION	# TRANSPORTS
Ahuja Medical Center	123
Cleveland Clinic	117
Euclid Hospital	16
Hillcrest Hospital	720
Kaiser Hospital	22
Metro Health Medical Center	1
Richmond Medical Center	88
Southpointe Hospital	27
University Hospital Health Systems	385

The South Euclid Fire Department has the ability to staff two advanced life support ambulances. This is done with the first responding Rescue Squad (341), while the second responding Rescue squad if needed is (342). When either of the two frontline Rescue Squads are in need of repair or preventative maintenance, the reserve Rescue Squad (343) is used in its place. Each ambulance is equipped with heart monitors, supplies and medications to handle a multitude of medical emergencies. Paramedics who work for the South Euclid Fire Department are Firefighter/Paramedics as are most of the paramedics in our surrounding communities. Paramedics are the most highly trained emergency medical responders. SEFD firefighters who are not trained as paramedics are trained as Emergency Medical Technicians.

The paramedics work under the guidance of Medical Director James Sauto M.D. of The Cleveland Clinic, and emergency medical protocols. Advanced care includes:

- Electrocardiogram, often called an EKG. We perform a 12 lead EKG to give a more thorough view of the heart. The paramedics are trained to review the EKG, which will serve as a guide to treatment of the patient. The EKG's are transmitted to the emergency room. This enables the cath lab at hospitals to be ready and waiting for the patient who needs an emergency heart catheterization.
- Administering medications. Medications can be administered several ways. The more common and effective method is through intravenous lines (IV) or intraosseous (IO)

South Euclid Fire Department – 2014 Annual Report

lines. The paramedics are able to administer over forty different medications. For each, they must know all the indications, doses, side effects and routes of administration.

- Inserting breathing tubes. The paramedic can insert one of several different types of breathing tubes for the patient who is not, or barely, breathing. The team then assists the breathing for the patient. The team can monitor the oxygen and carbon dioxide saturation levels. Some patients who are really struggling benefit greatly from CPAP, a device that helps their breathing utilizing Continuous Positive Airway Pressure.
- Performing a variety of critical lifesaving procedures such as defibrillating, performing a surgical airway, decompressing a collapsed lung and CPR.
- Conducting an assessment of the patient's condition to be reported to the emergency room. This allows for appropriate personnel to be at the ready in the ER.

2014 also saw its first complete year of utilizing a chase car and has proved to be an asset. The chase car (353) gives the fire department the ability to supplement the response of our ambulances with the intent of being able to have personnel return to the fire station or respond to the next call if the initial call can be handled safely and effectively by two personnel. The fire department is always seeking better ways and methods in providing Emergency Medical Services to the community and visitors of the City of South Euclid. In doing so, the Fire Department has been actively researching its future role in providing medical care to the City of South Euclid.

With rising healthcare costs and changing healthcare legislation, a new trend called Paramedicine is emerging across the country. The concept of paramedicine is more of an integrated approach between fire departments, healthcare systems and the patient, to provide a more holistic, preventative avenue of care. While still in its beginning stages, the South Euclid Fire Department will continue to stay knowledgeable on the topic of paramedicine and strive to provide the most current standards of Emergency Medical Services for the residents of the City of South Euclid in the future as it has done in the past.



South Euclid Fire Department – 2014 Annual Report

EMS Charges and Payments Received Summary

Asst. Chief David Csire

The South Euclid Fire Department bills patients that are transported to the hospital. The first \$200,000.00 that is collected is deposited in the Safety Forces Vehicle Fund as per ordinance 08-01 passed in September 24, 2001. Patients that are transported to the hospital are billed \$400.00 for BLS (Basic Life Support) and \$550.00 for ALS (Advanced Life Support).

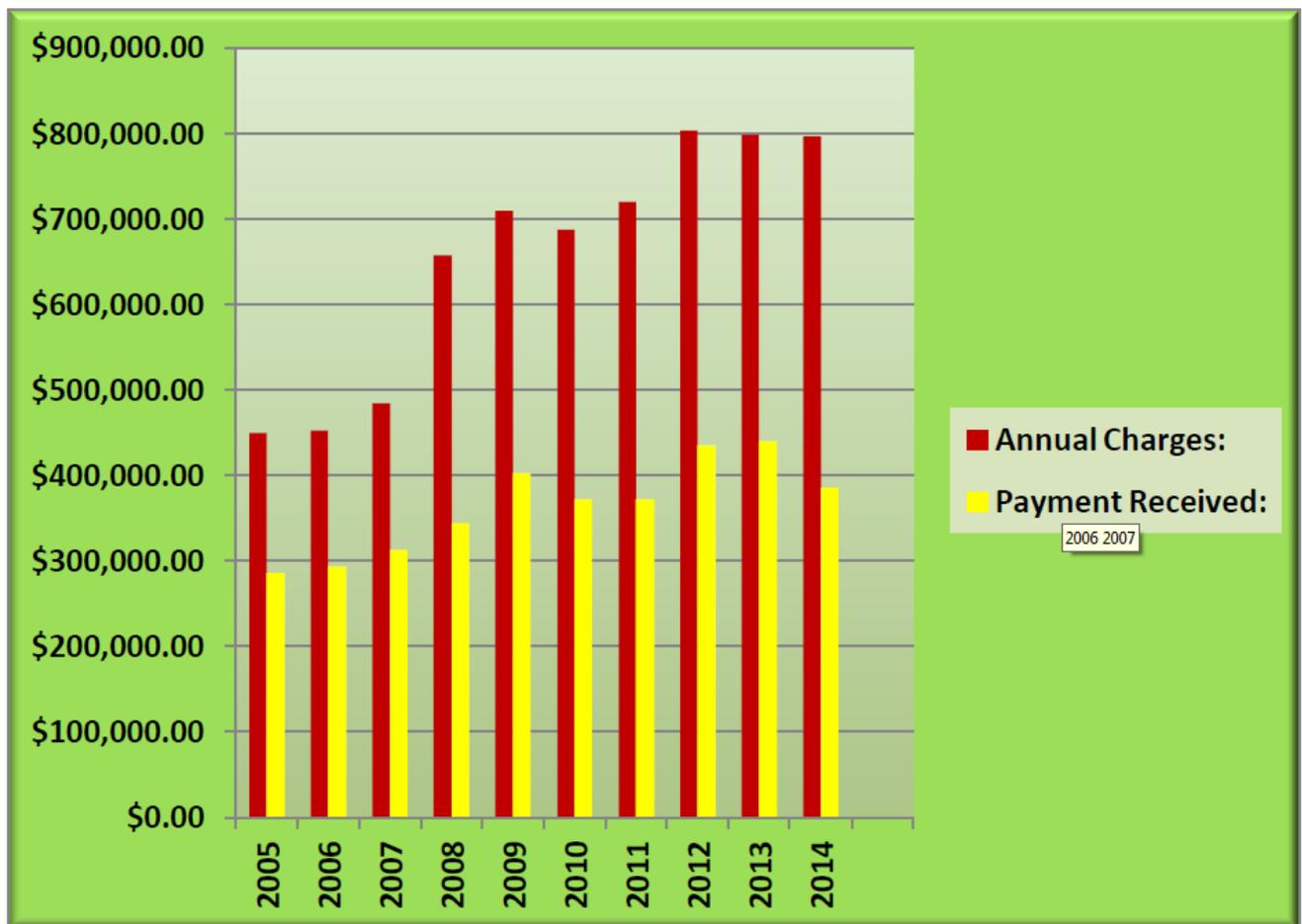
Month	Total Charges:	Payment Received:
January	\$68,316.00	\$32,423.56
February	\$60,574.00	\$31,811.25
March	\$66,935.00	\$34,965.02
April	\$60,617.00	\$31,360.95
May	\$64,351.00	\$31,084.26
June	\$62,752.00	\$35,745.60
July	\$68,430.00	\$30,147.32
August	\$57,379.00	\$34,185.37
September	\$72,254.00	\$28,170.12
October	\$80,338.00	\$31,314.51
November	\$57,215.00	\$35,319.06
December	\$77,401.00	\$28,866.92
Annual Totals:	\$796,562.00	\$385,393.94

2014 Monthly Averages:	\$66,380.17	\$32,116.16
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South Euclid Fire Department – 2014 Annual Report

South Euclid EMS Annual Charges and Payment Received Summary 2005 to 2014

Service Year	Annual Charges:	Payment Received:
2005	\$450,063.00	\$285,764.33
2006	\$452,244.00	\$293,568.91
2007	\$484,114.50	\$312,729.23
2008	\$657,620.00	\$343,859.33
2009	\$709,930.00	\$402,604.44
2010	\$687,370.00	\$372,061.42
2011	\$720,291.00	\$371,642.48
2012	\$803,003.00	\$435,409.12
2013	\$799,115.00	\$439,742.25
2014	\$796,562.00	\$385,393.94



South Euclid Fire Department – 2014 Annual Report

Grants

In 2014, the South Euclid Fire Department applied for and received a \$2500 EMS grant from the Ohio Department of Public Safety for the purchase of EMS equipment. This money helps defray the cost of EMS supplies such as latex exam gloves, thermometers, blood pressure monitoring equipment plus many other routine EMS items. Over the past 10 years, our department has been awarded \$33,355 from this fund. The money awarded comes from fines levied on motorists who fail to wear safety belts.

Update on 2013 AFG Grant Submittal

The fire department asked for funding for a new turnout gear washer, new thermal imaging camera, and command officer training. The fire department was unsuccessful in securing funds for the equipment and training that we asked for through the federal FEMA grants in 2013.

2014 Assistance to Firefighters Grant (AFG)

In December the Fire Department submitted a grant application to the Federal Emergency Management Agency (FEMA) for fiscal year 2014. The application included a request for funding a new Rescue Squad. The total amount of reward would be limited to **\$150,000**

If we are successful in getting the grant there would be a 10% match of **\$15,000**

2014 Staffing for Adequate Fire and Emergency Response (SAFER) Grant

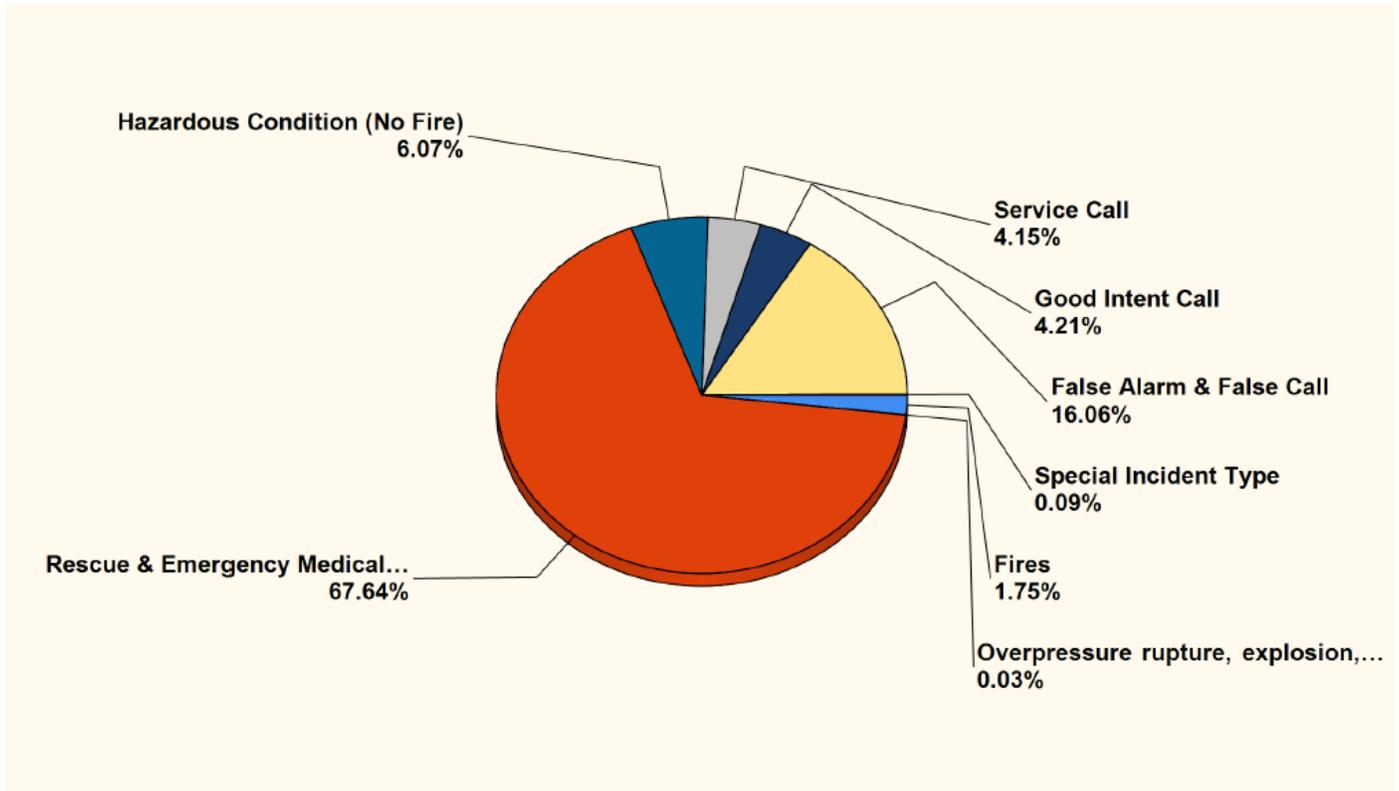
The grant period for the 2014 SAFER grant will not open until February 2015. It is the intentions of the fire department to apply for this grant to increase the total personnel of the department. This grant will last for 2 years with total compensation covered and no matching funds needed.

South Euclid Fire Department – 2014 Annual Report

General Statistics

- *In 2014, the South Euclid Fire Department responded to 3,375 Emergency calls for service.*
- *This represents a 1.9 percent decrease from 2013.*
- *There were no fire fatalities in 2014.*
- *There were no civilian injuries from fire in 2014.*
- *Busiest day of the week in 2014 was Monday (515) and Saturday (441) was the slowest.*
- *Total property and contents loss due to fire in 2014 was \$420,480. This is up slightly from \$419,950 in 2013.*
- *SEFD responded to 29 structure fires and 28 fires not in structures for a total of 57 fires.*
- *Crews from SEFD responded to 2,283 medical emergencies.*
- *We responded to other cities requests for Automatic or Mutual Aid 177 times in 2014.*
- *We received Automatic or Mutual Aid 110 times.*
- *SEFD members have a total of 435 years of service.*
- *Average number of years of service is fifteen with a high of thirty one and a low of four months.*
- *Average response time from receipt of call to arrival on-scene is 5:26 minutes.*
- *In SEFD the average time on scene for all types of calls was 14 minutes and 50 seconds.*
- *Fire Department expenditures for 2014 were \$3,821,197.*
- *Cost per incident was \$1,132. This is an 18 dollar decrease from 2013.*
- *Yearly cost for a family of four for fire EMS protection is \$685.*
- *Per capita cost per day, forty seven cents.*

South Euclid Fire Department – 2014 Annual Report

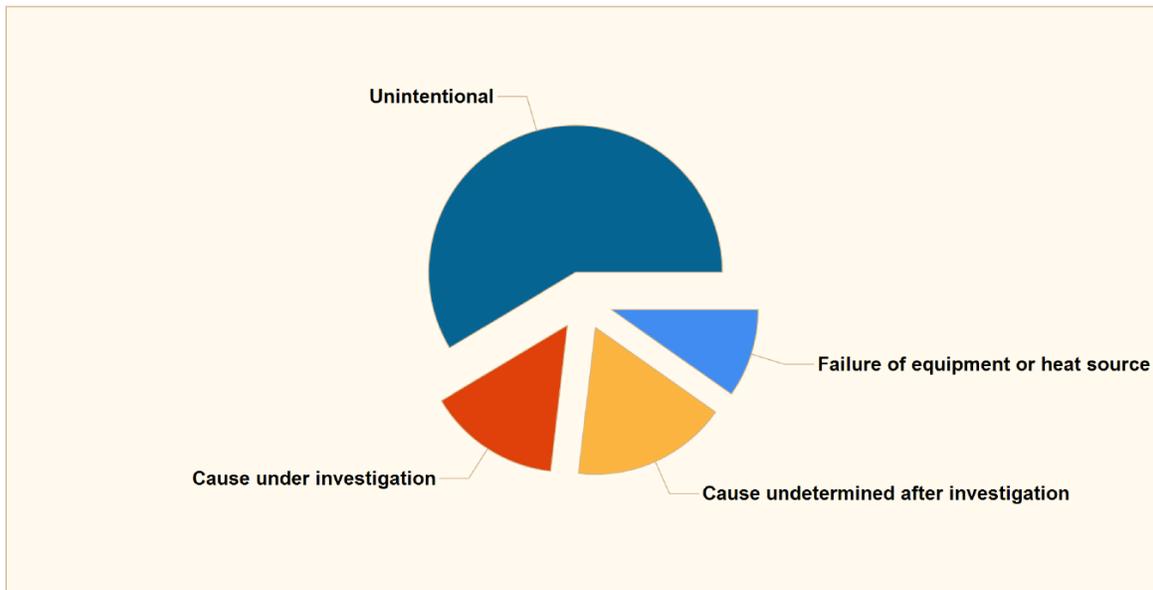


MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	59	1.75%
Overpressure rupture, explosion, overheating - no fire	1	0.03%
Rescue & Emergency Medical Service	2283	67.64%
Hazardous Condition (No Fire)	205	6.07%
Service Call	140	4.15%
Good Intent Call	142	4.21%
False Alarm & False Call	542	16.06%
Special Incident Type	3	0.09%
TOTAL	3375	100.00%

South Euclid Fire Department – 2014 Annual Report

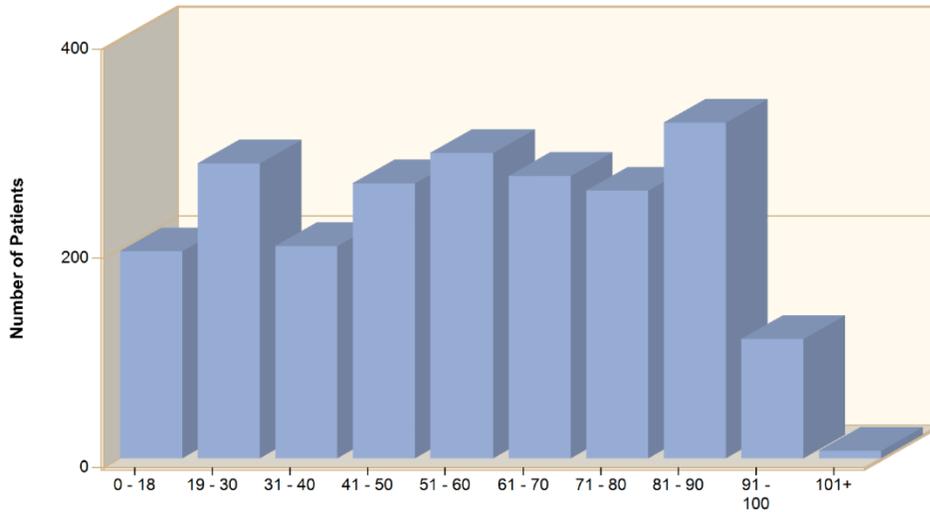
TOTAL INCIDENTS	TOTAL PROPERTY LOSS	TOTAL CONTENT LOSS	TOTAL LOSSES	AVERAGE LOSS
21	\$328,680.00	\$91,800.00	\$420,480.00	\$20,022.00

INCIDENT NUMBER	DATE	Incident Type	PROPERTY LOSS	CONTENT LOSS	TOTAL	% of Total
2014-0002	01/01/2014	111 - Building fire	\$13,500.00	\$500.00	\$14,000.00	3.33%
2014-0062	01/07/2014	111 - Building fire	\$15,000.00	\$10,000.00	\$25,000.00	5.95%
2014-0093	01/09/2014	522 - Water or steam leak	\$5,000.00	\$0.00	\$5,000.00	1.19%
2014-0094	01/09/2014	522 - Water or steam leak	\$20,000.00	\$0.00	\$20,000.00	4.76%
2014-0101	01/10/2014	131 - Passenger vehicle fire	\$4,000.00	\$0.00	\$4,000.00	0.95%
2014-0279	01/28/2014	113 - Cooking fire, confined to container	\$0.00	\$1,000.00	\$1,000.00	0.24%
2014-0851	04/10/2014	114 - Chimney or flue fire, confined to chimney or flue	\$0.00	\$50.00	\$50.00	0.01%
2014-0999	04/27/2014	160 - Special outside fire, other	\$30.00	\$0.00	\$30.00	0.01%
2014-1126	05/12/2014	111 - Building fire	\$65,000.00	\$20,000.00	\$85,000.00	20.21%
2014-1323	06/02/2014	111 - Building fire	\$60,000.00	\$20,000.00	\$80,000.00	19.03%
2014-1623	07/05/2014	445 - Arcing, shorted electrical equipment	\$150.00	\$0.00	\$150.00	0.04%
2014-1923	08/04/2014	111 - Building fire	\$10,000.00	\$1,000.00	\$11,000.00	2.62%
2014-2068	08/20/2014	111 - Building fire	\$500.00	\$0.00	\$500.00	0.12%
2014-2271	09/11/2014	111 - Building fire	\$50,000.00	\$15,000.00	\$65,000.00	15.46%
2014-2366	09/20/2014	111 - Building fire	\$40,000.00	\$22,450.00	\$62,450.00	14.85%
2014-2428	09/26/2014	111 - Building fire	\$5,000.00	\$1,000.00	\$6,000.00	1.43%
2014-2866	11/08/2014	111 - Building fire	\$25,000.00	\$0.00	\$25,000.00	5.95%
2014-2974	11/20/2014	111 - Building fire	\$1,000.00	\$800.00	\$1,800.00	0.43%
2014-3033	11/26/2014	131 - Passenger vehicle fire	\$4,500.00	\$0.00	\$4,500.00	1.07%
2014-3057	11/28/2014	131 - Passenger vehicle fire	\$2,500.00	\$0.00	\$2,500.00	0.59%
2014-3313	12/24/2014	131 - Passenger vehicle fire	\$7,500.00	\$0.00	\$7,500.00	1.78%



CAUSE OF IGNITION	# INCIDENTS	% of TOTAL
Failure of equipment or heat source	4	8.7%
Cause undetermined after investigation	7	15.2%
Cause under investigation	6	13.0%
Unintentional	24	52.2%

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AGE RANGE	# PATIENTS
0 - 18	198
19 - 30	282
31 - 40	203
41 - 50	263
51 - 60	292
61 - 70	270
71 - 80	256
81 - 90	321
91 - 100	114
101+	7

Breakdown of mutual aid given by the South Euclid Fire Department to other cities in 2014:

Cleveland Hts	44
East Cleveland	55
Lyndhurst	15
University Hts	39
Euclid	10
Richmond Hts	6
Shaker Hts	2
Highland Hts	1
Other	5

TOTAL 177 (5.2% of total call volume)

In contrast, South Euclid received mutual aid 110 times (3.2% of total call volume) in 2014.

South Euclid Fire Department – 2014 Annual Report

Child Passenger Safety Seat Program FF. Joe Zuccaro & Insp. Scott Sebastian

Overview

The South Euclid Fire Department has been a member of the Greater Cleveland Safe Kids/ Safe Communities Coalition, part of the larger International Safe Kids/ Safe Communities organization for the past 15 years. It is focused on all aspects of adult and child safety including child passengers of automobiles.

Thanks to the dedication of our technicians Scott Sebastian, and Joe Zuccaro, we have currently installed or checked the installation of over 1400 car seats. In addition to the car seat information, we have distributed printed materials covering poison prevention, burn prevention, air bag safety and tips on injury prevention around the house. All of this has helped to give the parents and grandparents peace of mind.

Training

Teaching families how to safely transport their children is the heart of the Safe Kids Buckle Up program. Using car seats, booster seats and seat belts the right way on every ride saves lives.

When our technicians help a parent with a car seat installation, it takes 30 to 45 minutes. This time is used to educate the parent on the safest place to install the car seat, the different options available to them to secure the seat and how tight it should be secured. We also educate them on how to secure the child into the seat, and also specifics about their seat.

Every year in addition to taking online classes, our technicians are required to attend a six hour continuing education seminar conducted by the Greater Cleveland Safe Kids Coalition. This conference is held at the IX center in conjunction with the Cleveland Auto Show. This annual state wide conference provides Child Passenger Safety Technicians with the most up to date information on child passenger safety seats, vehicles, LATCH, and best practices in occupant protection. Technicians learn from car seat manufacturers, vehicle manufacturers, researchers and industry experts. In 2014, both technicians attended the update satisfying their continuing education requirement.

Child Passenger Safety Facts

Motor vehicle crashes are the leading cause of death among children ages 3 to 14.

Correctly used child safety seats are extremely effective and reduce the risk of death by as much as 71%. Using the safety seat also reduces ejection from the vehicle, which is a contributor to these deaths.

Nearly 73% of child restraints are **not** installed or used correctly.

Nearly half of children age 14 and under who died in crashes were completely unrestrained.

South Euclid Fire Department – 2014 Annual Report

Child Passenger Safety Law (Ohio) **Law Summary**

Ohio's law requires children ages 7 and under and less than 4'9" to be secured in a child restraint system or booster seat.

Children ages 3 and under or who weigh less than 40 pounds must be secured in a child restraint system.

Children ages 4 through 7 who weigh 40 pounds or more and are less than 4'9" in height must be secured in a booster seat (secondary enforcement).

Statistics

In 2014 the South Euclid fire department installed or checked the installation of 35 car seats, 21 of these were for South Euclid residents. The remaining 14 were divided among 10 other cities. These cities ranged from our direct neighbors on all sides to others further away. This represents approximately a 33% reduction from 2013.

The monthly car seat checkup was discontinued in 2014 due to budget constraints. All car seat checks were done while on-duty. Although the scheduled monthly car seat inspections were discontinued in 2014 we are hopeful that it will be reinstated in 2015

Working within the Network

The program is available free of charge to anyone that calls for assistance. The South Euclid Fire Department is networked with our surrounding cities that have technicians and other members of the Safe Kids Coalition, thus allowing us to offer our residents options to attend other checkups when it is convenient for them.



South Euclid Fire Department – 2014 Annual Report

Fire and EMS Apparatus - Captain Larry Gaspar



Engine 312

Delivery of this front line state of the art pumper was accepted by the City in March of 2008. This is a 1500 gallon per minute pumper manufactured by Pierce Fire Equipment in Appleton Wisconsin. As the primary pumper, 312 handles the bulk of the fire ground pumping operations and is third to rescue squad 341 and EMS chase car 353 in total number of emergency responses. We consider this pumper to be state of the art because of its engineering and installed equipment. For instance, Pierce Fire Equipment is owned by Oshkosh Trucks which produces heavy equipment for the military, FBI and CIA. An innovative suspension system used for years on some military equipment is also used on our pumper; this gives the driver better control, a smoother ride, and a safer response to emergencies. This truck also has rollover protection with air bags, seatbelt tensioners, and an instantaneous seat lowering mechanism system to protect our firefighters from injury should they be involved in an accident. The pumper has onboard computer diagnostics, electronic fire pump control, a class A foam system, and a generator that runs off the transmission instead of requiring a separate fuel source. The class A foam system is used for structural firefighting and has proven its worth time and again. Use of Class A foam and the properties that it carries during structure fires allows water to readily soak into materials, thereby extinguishing them quicker. This reduces fire damage by reducing the amount of water used to extinguish the fire. It also reduces the amount of "overhaul" or searching out hidden fire that we have to do. These are a few of the highlights of Engine 312 that allows your fire department to do their job efficiently and safely.

South Euclid Fire Department – 2014 Annual Report

Some of the firefighting tasks that this unit and the firefighters assigned to it handle include; initial fire attack through the deployment of hand lines, use of the jaws of life to free trapped occupants at severe motor vehicle accidents, hazardous material accident prevention, chimney fire extinguishment, carbon monoxide and dangerous gas detection, and relay pumping at mutual aid fires. This unit has three 1000 watt lights for working at night and a thermal imager used to find trapped victims and hidden fire.

This apparatus is due for replacement in 2018 where it will move to a reserve status

Miles 32,205 Hours 3,909

2014 Total Responses 991

2014 Maintenance costs \$9,414.00

This apparatus is in Good condition.



South Euclid Fire Department – 2014 Annual Report

Engine 311

Engine 311 is a 1500 gallon per minute pumper manufactured by the Ferrara Fire Apparatus Company in Holden, Louisiana. 311 was received in February 1999 and served as our front line pumper until 2008. Currently 311 is our reserve pumper and is used whenever 312 or 321 are out of service. 311 is also shared by neighboring departments when their apparatus are unavailable because of maintenance. In 2012 this apparatus had extensive work completed on the pump so that it could meet flow testing requirements. This unit is in fair/poor condition after many years of hard service and the truck is beginning to show its age. Normal service life for an Engine in the South Euclid Fire Department is 20 years. During this service life, the Engine is usually refurbished at 10 years to extend the operational period of the apparatus. This apparatus was originally scheduled for refurbishment in 2010 but has yet to have the work performed on it. 311 should be taken out of service in 2018 as a replacement engine will need to be purchased. When in-service, 311 and the firefighters assigned to it either handle ladder truck work, or initial fire attack work as the front line engine.

Miles 42,718 Hours 5,019

2014 Total Responses 224

2014 Maintenance costs \$325.00

This apparatus is in fair/poor condition



South Euclid Fire Department – 2014 Annual Report

Aerial 321

Aerial 321 was placed into service in January 2012. The truck was manufactured by E-One Fire Apparatus located in Ocala, Florida. The truck sits on a Typhoon chassis, powered by an ISL 450 horsepower Cummins engine and an Allison 3000 transmission. The ladder on the truck reaches 78 feet at its highest point and is a real asset when responding to residential and commercial structures. One of the features of the new truck is that it complies with the new emission control standards set by the EPA. The use of diesel fuel releases nitrous oxides and sulfur dioxides in the exhaust that are harmful to the atmosphere. The way that the exhaust system works is that it turns the harmful byproducts into nitrogen gas and water vapor by superheating the exhaust in a catalyst chamber. The end product is near zero harmful emissions.

Some of the firefighting tasks that this unit and the firefighters assigned to it handle include, ventilation, forcible entry, search and rescue, laddering buildings, overhaul by searching for hidden fire, and assist in a rope rescue.

This truck is in excellent condition.

Miles 8,568 Hours 1,121

2014 Total Responses 359

2014 Maintenance costs \$729.00



South Euclid Fire Department – 2014 Annual Report

Rescue Squad 341

Rescue Squad 341 is the newest ambulance in the fleet and the City took delivery of this apparatus in November of 2012. The ambulance was manufactured by Horton Emergency Vehicles. The patient compartment of the vehicle is made by Horton and sits on a Chevrolet 4500 chassis. The vehicle complies with the 2010 emissions standards producing very little pollutants into the atmosphere. Due to the high percentage of EMS calls, this paramedic equipped unit is 2 years old and responds to more emergencies than any other piece of equipment.

Miles 41,866 Hours 2,903

2014 Total Responses 2,112

2014 Maintenance costs \$2,313.00



South Euclid Fire Department – 2014 Annual Report

Rescue Squad 342

Rescue Squad 342 is a state of the art ambulance purchased by the City in November 2006. Since receiving 341, this apparatus now responds as the second out rescue squad when we have multiple calls at the same time. 342 received a new engine in 2011 due to a mechanical problem. This vehicle is a 2006 Braun ambulance on a Ford E-450 chassis. This unit received extensive repairs during 2014 in order to keep it road worthy. This unit is 8 years old and is currently in Fair condition.

Miles 94,403

2014 Total Responses 369

2014 Maintenance costs \$660



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Rescue Squad 343

Rescue Squad 343 is a Braun ambulance on a Ford E-450 chassis, which was put into service in February 2002. This EMS unit has been put into reserve status and will see use when one of the front two squads has to be taken out of service. This paramedic equipped unit is 13 years old and is in poor condition



Rescue Squad 343

Miles 89,337

2014 Total Responses 66

2014 Maintenance costs \$236.01



EMS Chase Car 353

Miles 5,681

2014 Total Responses 1679

EMS Chase Car 353

Car 353 is a 2014 Ford Explorer and is used to assist both the front line and back up rescue squads during EMS calls. This vehicle is in excellent condition.

Utility Pick-up 371

Miles 22,875

371 is a Ford-150 pickup truck used for snow plowing, hydrant testing, details, etc. The City accepted delivery of this vehicle in July 2002. This vehicle is 12 years old and is in fair condition.

Staff Car 351

South Euclid Fire Department – 2014 Annual Report

Miles 96,486

Car 351 is the Fire Chief's vehicle. Purchased in 2008, this Ford Explorer is in good condition.

Staff Car 352

Miles 138,005

Car 352 is the Assistant Fire Chief's vehicle. Purchased in 2006, this Ford Explorer is in fair condition.

Staff Car 355

Miles 79,760

Car 355 is the vehicle used by Fire Prevention. It is a 2003 Ford Explorer in poor condition and is slated for replacement in 2015.

Apparatus Replacement Schedule

The purchase of a fire department vehicle is a large investment for any community. By planning for the cost of a vehicle ahead of time, this assures that when the time comes to purchase a vehicle, the money will be available while not putting a strain on the city budget for that year. It is the goal of the fire department to utilize money received from billing for squad calls to purchase the apparatus needed to respond to emergency calls. Currently \$150,000 annually is set aside for the purchasing of fire department vehicles. The first chart below shows that if we continue to only add \$150,000 each year, there will be many years that the money in the vehicle fund will be inadequate. The second chart shows an increase to \$175,000 per year. That is an increase of \$25,000 per year. The third chart shows an increase to \$200,000 per year. This is an increase of \$50,000 per year. With the increase in funding, the fire department vehicle fund will be able to purchase the vehicles needed with little impact to the future annual budgets.



South Euclid Fire Department – 2014 Annual Report

\$150,000 annually into vehicle fund

Year	2014	2015	2016	2017	2018	2019	2020	2021
Squad		\$190,000						
Squad							\$231,000	
Squad								
Engine						200,000		
Engine						\$569,000		
Ladder								
Chase								
Chief (3)				\$37,000			\$41,750	
Pickup		\$40,000						
Total	\$197,597	\$117,597	\$267,597	\$380,597	\$530,597	(\$88,403)	(\$211,153)	(\$61,153)
Year	2022	2023	2024	2025	2026	2027	2028	2029
Squad								
Squad								
Squad				\$281,000				
Engine								\$842,000
Engine								\$300,000
Ladder					\$250,000			
Chase		\$47,000						
Chief (3)		\$47,000			\$53,000			\$59,000
Pickup				\$60,000				
Year	2030	2031	2032	2033	2034	2035	2036	2037
Squad	\$342,000							
Squad						\$416,000		
Squad								
Engine								
Engine								
Ladder							\$1,664,000	
Chase			\$67,000					
Chief (3)			\$67,000			\$75,000		
Pickup						\$85,000		
Total	(\$992,153)	(\$842,153)	(\$826,153)	(\$676,153)	(\$526,153)	(\$952,153)	(\$2,446,153)	(\$2,316,153)

Annual deposit of \$150,000

Price increases of 4% per year after talking to numerous apparatus manufacturers about price increases

Squads have 15 year life expectancy purchased every 5 years

Engines have 20 year life expectancy purchased every 10 years, refurbished every 10 years

Ladders life expectancy is 25 years, refurbished after 15 years

Chase car purchased every 10 years

Utility truck purchased every 10 years

Chief vehicles have 9 year life expectancy purchased every 3 years

South Euclid Fire Department – 2014 Annual Report

\$175,000 annually into vehicle fund

Year	2014	2015	2016	2017	2018	2019	2020	2021
Squad		\$190,000						
Squad							\$231,000	
Squad								
Engine						200,000		
Engine						\$569,000		
Ladder								
Chase								
Chief (3)				\$37,000			\$41,750	
Pickup		\$40,000						
Total	\$197,597	\$142,597	\$317,597	\$455,597	\$630,597	\$36,597	(\$61,153)	\$113,847
Year	2022	2023	2024	2025	2026	2027	2028	2029
Squad								
Squad								
Squad				\$281,000				
Engine								\$842,000
Engine								\$300,000
Ladder					\$250,000			
Chase		\$47,000						
Chief (3)		\$47,000			\$53,000			\$59,000
Pickup				\$60,000				
Total	\$288,847	\$369,847	\$544,847	\$378,847	\$250,847	\$425,847	\$600,847	(\$425,153)
Year	2030	2031	2032	2033	2034	2035	2036	2037
Squad	\$342,000							
Squad						\$416,000		
Squad								
Engine								
Engine								
Ladder							\$1,664,000	
Chase			\$67,000					
Chief (3)			\$67,000			\$75,000		
Pickup						\$85,000		
Total	(\$592,153)	(\$417,153)	(\$376,153)	(\$201,153)	(\$26,153)	(\$427,153)	(\$1,916,153)	(\$1,741,153)

Annual deposit of \$175,000

Price increases of 4% per year after talking to numerous apparatus manufacturers about price increases

Squads have 15 year life expectancy purchased every 5 years

Engines have 20 year life expectancy purchased every 10 years, refurbished every 10 years

Ladders life expectancy is 25 years, refurbished after 15 years

Chase car purchased every 10 years

Utility truck purchased every 10 years

Chief vehicles have 9 year life expectancy purchased every 3 years

South Euclid Fire Department – 2014 Annual Report

\$200,000 annually into vehicle fund

Year	2014	2015	2016	2017	2018	2019	2020	2021
Squad		\$190,000						
Squad							\$231,000	
Squad								
Engine						200,000		
Engine						\$569,000		
Ladder								
Chase								
Chief (3)				\$37,000			\$41,750	
Pickup		\$40,000						
Total	\$197,597	\$167,597	\$367,597	\$530,597	\$730,597	\$161,597	\$88,847	\$288,847
Year	2022	2023	2024	2025	2026	2027	2028	2029
Squad								
Squad								
Squad			\$281,000					
Engine								\$842,000
Engine								\$300,000
Ladder					\$250,000			
Chase		\$47,000						
Chief (3)		\$47,000			\$53,000			\$59,000
Pickup				\$60,000				
Total	\$488,847	\$594,847	\$794,847	\$653,847	\$550,847	\$758,847	\$958,847	(\$50,153)
Year	2030	2031	2032	2033	2034	2035	2036	2037
Squad	\$342,000							
Squad						\$416,000		
Squad								
Engine								
Engine								
Ladder							\$1,664,000	
Chase			\$67,000					
Chief (3)			\$67,000			\$75,000		
Pickup						\$85,000		
Total	(\$192,153)	\$7,847	\$73,847	\$273,847	\$473,847	\$97,847	(\$1,346,153)	(\$1,166,153)
Annual deposit of \$200,000								
Price increases of 4% per year after talking to numerous apparatus manufacturers about price increases								
Squads have 15 year life expectancy purchased every 5 years								
Engines have 20 year life expectancy purchased every 10 years, refurbished every 10 years								
Ladders life expectancy is 25 years, refurbished after 15 years								
Chase car purchased every 10 years								
Utility truck purchased every 10 years								
Chief vehicles have 9 year life expectancy purchased every 3 years								

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South Euclid – Lyndhurst Fire Explorer Program

Fire Explorer Post 1349

James A. Moroney FF/Medic SEFD – Post Advisor

In 2012 the Cities of South Euclid and Lyndhurst started Fire Explorer Post 1349. The Explorer program is administered by the Boy Scouts of America and was established to help young people age 14 to 21 learn more about many different occupations. In 2013 the City of Mayfield Heights requested to join our post and we have added many members since then. Becoming a firefighter/paramedic is a daunting task. Many people have no real idea how hard it is and just how much competition exists. The smallest mistake in one's past can make it almost impossible to get a career firefighting position. We believe that with the proper guidance and instruction our members will have an edge in our very competitive world. We currently have 15 active members varying in age from 15 to 20. While none of our members are able to participate in actual firefighting or perform medical procedures they do go on ride-alongs, and are able to observe and assist (in a limited and defined manner) on real calls. Our members meet twice a month at alternating fire stations. These meetings cover every aspect of our profession. We offer training modules in power point format as well as hands on training. Through a very generous donation by the Northfield Center- Sagamore Hills Fire district, we were able to provide every member with turnout gear, boots, helmets, gloves, and hood. While this gear is no longer fit for firefighting it is good enough for our purposes. We were also able to obtain working self-contained breathing apparatus's (SCBA'S) for our members to train with. These were donated by the Cuyahoga Community College Fire Academy.

Over the last year we have seen some of our members move on to paid firefighting positions and are awaiting entrance into a Paramedic program. Many of our members attended EMT-Basic school through the vocational education program and are getting ready to attend the Fire Training Academy at Cuyahoga Community College starting in January of 2015. This post has made a positive impact in the lives of its members. Our members are succeeding at all levels in their training and we continue to set the standard in our area for fire explorer programs. Many opportunities are on the horizon for Post 1349 and we look forward to them. Best Regards,

Post Advisor: James A Moroney FF/Medic SEFD



Left: South Euclid-Lyndhurst explorers participate in the annual South Euclid Fire Department Open House.

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Self-Contained Breathing Apparatus – Lt Arth

The SCBA (self-contained breathing apparatus) is made up of three main components. These components are the harness, the face piece, and the air bottle. Working as a unit the SCBA is one of the most important pieces of equipment used by firefighters. The SCBA allows us to breathe in hazardous atmospheres. Each piece of the SCBA has different tests that it must pass in order to remain in service and be useful to the firefighter.

The harness is comprised of a frame, shoulder straps, a “downed firefighter alarm”, and various hoses and regulators. This part of the SCBA undergoes a visual inspection daily with the rest of the unit. It is checked for any leaks and physical defects. Once a year it has to be tested by an independent company. This insures that the equipment still meets the manufacturer’s standards and also conforms to the current NFPA requirements.

The face piece is a plastic shield that is surrounded by a rubber seal and has a net to hold it snug to the face. It also has a voice amplifier on it to make communications more clear. Each firefighter has their own face piece and it is their responsibility to keep them clean and maintained. Annually firefighters have to have a fit test for their mask to ensure that they are still getting a proper seal and that no toxins can be inhaled in. In addition to this all masks are tested with the harnesses to ensure that they are still working properly and will not fail when needed.

The air bottle is a SCOTT carbon fiber bottle. These bottles are made of a carbon fiber material. The bottles need to be visually inspected daily by the firefighters. Every five years they need to be hydrostatically tested. The bottles when full contain roughly 30 minutes of air. When that air is expended, the bottles can be filled by a mutual aid air truck, or more likely brought back to the station and filled with our air compressor. The compressor is serviced every year and a department member has to take air samples twice a year and send them for testing to ensure that the air quality is breathable.

We have 20 SCOTT air bottles set to expire in 2017. At the current cost per bottle (\$680) replacement for all the expiring bottles will cost \$13600



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Misc. Fire Equipment- Lt. Arth

The rest of our Personal Protective Equipment (PPE) includes: Fire Helmets, Firefighting Gloves, a nomex hood, Turnout Pants, Turnout Coats and Fire Boots. This equipment is inspected twice a year and needs to be replaced when worn or every ten years by NFPA standards. In 2014 we purchased six new sets of turnout gear (pants, coats, and suspenders).

In 2015 the fire department hopes to purchase at least five new sets of turnout gear. These sets will help us remain in accordance with the contract and replace some sets that are getting worn out. The cost to do this is about \$10000, roughly \$2000 per set. We have most recently been purchasing Morning Pride gear. A set includes a turnout coat, bunker pants and suspenders.

Miscellaneous Fire Equipment: In late 2014 our department replaced our thermal imaging cameras. The old cameras became obsolete and the department was unable to purchase new batteries to run the cameras. We bought two, Scott Eagle Attack Color Cameras. Each camera included: a truck charger, lanyard, glare shield and a spare battery. They were \$6200 for the kit and \$12,400 for both of them. These cameras allow us to see in smoke and low visibility atmospheres so we are able to differentiate people or objects based off of their heat signatures.



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Fire Prevention

Fire Safety Inspector - Scott Sebastian CFSI

2014 was another busy year for the fire prevention bureau, with the city still experiencing a large wave of new business openings. I was thrilled to be a part of the planning phase, then witnessing the construction phases which lead up to the opening of all the new wonderful businesses and eateries for the South Euclid residents and our neighboring communities.



In 2014 we witnessed more stores open in Cedar Center Shopping Plaza that included: Levin Furniture, Alt-Smoke, Mattress Firm, Dani La 'Rose Salon and the restaurants Zoup! & Wing Stop. Also in 2014, a new 8,000 Square Foot commercial building in Oakwood Commons opened with Great Clips, Sally Beauty, and Foot Locker, in addition to the restaurant Penn Station.



In 2014, the South Euclid Congregational Church purchased the old St. Margaret Mary Church and started a two phase construction project to modernize and upgrade. In 2014, phase one was completed. This created a new temporary worship area, along with a new office rectory spaced for their church administration.

In 2014, we also saw some older small vacant buildings purchased and refurbished. Three of the new companies that moved into South Euclid were Classic Memorials, Chocolate Emporium, and Ark Jewelers which purchased and refurbished buildings in the cities southwest area. Lastly, in the fall of 2014 the city broke ground for another new project at 1876 South

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Green. This will be the site of the new South Euclid/ Lyndhurst library. The South Euclid/ Lyndhurst library has a projected opening set for November of 2015.



The goals of the Fire Prevention Bureaus are to continually implement the most effective way of avoiding injuries and damage by fire. By doing this we stand by these three main goals.

- ❖ The first and most important goal is life safety, which is to prevent injury and loss of life. Human life and health always take top priority in an emergency.
- ❖ The second goal of fire prevention is to prevent property damage. Though second to life safety, property damage should always be considered.
- ❖ The third goal of fire prevention is protection of operations. By preventing fires and limiting damage, we can assure that work operations will continue without interruption.

Rochling Glastics Composites, South Euclid/ Lyndhurst Schools, Notre Dame College, Aero Controlex Group and University Suburban Health Centers continues to maintain a large presence in the Fire Prevention Bureau as we conduct their quarterly, semi-annual and annual fire safety inspections, fire safety alarm and suppression tests.

The South Euclid Fire Prevention Bureau was established to maintain a safe working and living environment for all of the business owners, residents, and patrons of our South Euclid business. The most important reason for this bureau is to inspect all of our cities commercial buildings and businesses for compliance of National, State and Local fire safety regulations. The fact that we have an organized and functional Fire Prevention Program helps to lower the cities insurance rating set forth by the Insurance Services Office (ISO). This means that business owners and residents will pay less for their insurance that covers their businesses and homes. If the ISO rating rises, then the business and residents would pay more for their annual insurance. Higher insurance costs means that business can not hire more workers and homeowners cannot purchase products to improve their life styles.

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An additional reason and almost equally important is the education of the public in fire safety awareness. Without educational programs in place to teach the residents and employees fire safety; one tends to get careless about fire safety. Teach someone what to do in the event of a fire and your fire losses again go down. Both of these duties are conducted on a daily basis by the Fire Prevention Bureau.

In 2014 we continue to see the Fire Prevention Bureau's number of inspections increase 16% from 2013. The Fire Prevention Bureau and on-duty fire safety inspectors conducted a total of 1,334 fire safety inspections. During those fire safety inspections, a total of 638 safety violations were found and currently 592 of them have been corrected.

An annual program that we participate in is the Fire Safety Trailer that is coordinated by Firefighter Joe Zuccaro, fire department volunteers, South Euclid Fire Explorers, and on duty shift members. The Trailer is a miniature house that all third graders in the city tour to learn about fire safety in the home. In 2014, over 216 third grade students went through the program from all the schools located within South Euclid. We also work with Safety Town during the summer. We had over 162 children that were taught basic fire safety at Safety Town.

In 2014 we continued the tradition of the Fire Prevention Open House during Fire Prevention Week October 5 – 11, 2014. Listed below are the local organizations that made our 2014 Fire Department Open House a success:

- ✚ South Euclid/Lyndhurst Explorer Post
- ✚ Giant Eagle: Donated – Cookies, candy and hot dog buns
- ✚ Dunkin Donuts: 3 dozen Donuts
- ✚ Gordon Food Services: Gave 240 beef hot dogs
- ✚ Wendy's: Gave 10 gallons drink cooler, 3 gallons of Lemonade mix, 250 cups and napkins
- ✚ Walmart provided \$1500.00 in grants for the SEL Fire Prevention week poster contest where three poster winners received a new bike, pizza party for the top 20 students at each of the three schools, and fire safety giveaways at the Open House event.
- ✚ South Euclid Hardware: True Value for providing carbon monoxide detectors
- ✚ Community Center: let us use the popcorn machine, coffee warmer and 2 five gallon drink coolers.
- ✚ Thanks to Councilwoman Jane Goodman for joining us at the Open House
- ✚ University Suburban Health Zone: Provide health awareness information
- ✚ RBC/ Safe kids for providing a Dalmatian Bounce House and an information table with bicycle injury prevention information



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Some of the events that took place on this day were station tours, aerial ladder truck operations and tool demonstrations, along with firefighters showing our fire gear to the community. New additions to the open house were:

- ✚ ACBC home safety trailer that allowed families to walk through with a firefighter to witness home safety hazards.
- ✚ A Dalmatian Bounce House
- ✚ Meet and greet with Sparky the fire dog

At the end of the event we conducted the fire safety raffle that gave members of the community 15- Smoke Alarms, 8- CO2 detectors and 6 - Kitchen Fire Extinguisher. I would like to personally thank Chief Stefko, members of Local 1065, and the South Euclid /Lyndhurst Explorer Post for all of their support and look forward to doing it again bigger and better in 2015.

Another new program we started in 2013 was a Fire Prevention week coloring contest. In 2014 with funding from Wal-Mart, we were able to add two more schools to the contest. The added schools were Adrian Elementary School, Rowland Elementary School, and St. John Lutheran School. For this contest, the top poster received a new bike. The top 20 entries at each school received a pizza party with on-duty fire crews. This event was a big hit with the students, teachers and our department members that participated.

In 2014 we made the residential lock box program increasingly available to our senior residents by teaming up with Roper Lock Box Co. In the past, there was a non-refundable leasing agreement of a residential Knox Box for \$85.00. Due to the cost of the KnoxBox, few units in the past were leased. A senior resident can now purchase the Roper Lockbox outright at the affordable price of \$36.80. Once the resident receives the lock box, the Fire Prevention Bureau installs the lockbox in an accessible location for the Fire Department. In addition, the resident completes a patient information sheet. This information is added into the South Euclid Computer Aided Dispatch (CAD) system. When the resident activates the 9-1-1 system, our dispatch will indicate to EMS crews that there is a lock box present and where it is located. If this resident is transported, the South Euclid Dispatcher will contact the resident's emergency contact to advise them what hospital they were transported to. In 2014, this program was a big success with 27 residents entering the program. These residents also received a life safety home inspection to eliminate any life safety, fall, or fire hazards that may be found. The Fire Prevention Bureau also will install or replace any older smoke alarms that maybe in their home.

In addition to the required fire inspections that the Bureau does, the State of Ohio now requires all certified fire safety inspectors to have annual continuing education hours. A lot of these hours are obtained through the North Eastern Ohio Fire Prevention Association. The Fire Chief, Assistant Chief and I are all members of this organization. It is the largest organization of its kind in the State of Ohio. It provides its members with the opportunity to discuss issues or problems that members might be having within their own community.

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The North Eastern Ohio Fire Prevention Association holds a monthly business meeting on the first Monday of the month. In addition to the business meeting, there is an educational portion that provides members in attendance with certified continuing education hours. The NEOFPA is the first organization in the state to offer this advantage to its members. If you have time, please check out the association's website at www.neofpa.org.

In 2014 our Association started a new campaign promoting Photoelectric Smoke Detectors due to research showing proving faster alerting in a residential setting. This is because it detects the billowing smoke from a fire in its beginning stages. Below is an example of our Mascot: Earl Lee Warning.



This Bureau also fields phone calls and requests to have department members and our fire apparatus attend their block parties. In 2014, Fire Department members attended 13 block parties and talked to over three hundred and seventy residents. In 2014, we also conducted 18 Fire Station Tours for our community day cares, pre-schools, and local Boy's & Girl's Scout Troops.

Another service the Fire Prevention Bureau offers to the residents of the city is our Smoke Detector Program. Over the last year, this program has seen a rise in smoke detector requests. This service has allowed the Fire Prevention Bureau to educate many citizens on the difference between Ionization and Photoelectric detection, and which one was right for their homes. South Euclid Senior Citizens may call the Fire Prevention Bureau to have a battery installed in a smoke detector if they are unable to do so themselves. Smoke detectors are also installed when requested. Once a battery has been changed or a smoke detector has been installed, the resident's name is placed in a database so that they will be notified on a yearly base to have their battery(s) changed. There are currently 75 seniors involved in the program. The database is updated regularly. Any senior that has not responded within two notices (a two-year period) will be removed from the database.



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Smoke Detectors for Senior Citizens

	<u>2013</u>	<u>2014</u>
Installed Batteries	278	370
Installed Smoke Detectors	96	117

In 2004, the Fire Prevention Bureau entered into a joint venture with the American Red Cross in a program called “Operation Save A Life”. Through this project, the American Red Cross receives grant moneys and donations to purchase smoke detectors. The smoke detectors are distributed to participating cities to hand out to their residents regardless of financial need. Since the inception of this program, the Fire Department has given out over 1,796 free smoke detectors and well over 4,468 free replacement batteries. Without the partnership with the American Red Cross, we could not afford to provide smoke detectors to the residents of the city. Remember that a working smoke detector is the single most piece of equipment that one can have in their home that will protect their lives should they have a fire

Many homes in our city are required to be inspected each year by the agencies they are responsible to. Examples include: Home day care for the Department of Human Services foster care homes and adoptive homes. In 2014, a total of 27 foster/adoption homes and 13 home day cares were inspected.

Hopefully you can see from this report that the Fire Prevention Bureau is working to fulfill its responsibilities as set forth by the South Euclid Codified Ordinances. You can rest assured that your Fire Prevention Bureau will strive to make South Euclid a ***Fire Safe Community*** in which to live. I am very excited for the opportunity to continue the tradition that has been passed on by all the previous hard working and dedicated inspectors of this Bureau.

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Fire Investigation – Scott Sebastian

Fire is something that is inevitable. At some point in every person's life, they will be affected by fire. Fire can affect you by just being a simple burn on your skin, or it could be the complete loss of your home. Fire occurs either by accident or it can be a deliberate act such as arson.

The majority of our fires here in South Euclid are accidental. There can be many ways an accidental fire occurs. This includes: careless smoking, overloading electrical circuits, unattended lit candles, or unattended cooking. They can also be intentionally set by someone's hands. Regardless of how a fire appeared to start, it is imperative that we investigate its true origin and cause.

Per State law, all fires in South Euclid are investigated to determine the fire origin and cause. The shift officers will usually determine where and how the fire originated. In cases where the fire cause may not be as readily apparent the South Euclid Fire Investigation Unit (FIU) is called upon to conduct a fire origin and cause investigation. Incidents where the Fire Investigative Unit is dispatched regardless are: fire of a suspicious nature, large dollar loss, loss of life and by request of the Chief.

In 2014, the South Euclid Fire Investigation Unit consisted of Fire Inspector Scott Sebastian, Lieutenant Geff Turchon, Firefighter Sean Patitucci, Firefighter Ben Ovelgonne, and Firefighter Tom Henry. South Euclid Police also contribute to the Fire Investigative Unit providing Detectives Sergeant Ben Parisi and Detective Dave Volek. The members of this unit have attended state and national trainings along with on-line Fire Investigation Unit courses. New skills and knowledge are acquired by attending training classes throughout the year.

The concept of fire fighters and police officers working together has proven to be a very effective approach to fire investigations in South Euclid. This team effort works well because of the cross training all members receive.

The South Euclid Fire Investigative Unit Team is also a member of the Hillcrest Regional Fire Investigation Unit. This team consists of: Lyndhurst FD, Beachwood FD, Richmond Heights FD, Mayfield Hts. FD, Mayfield Village FD, and Pepper Pick FD. When one of the member communities has a fire that they need help in investigating; a call is put out through Pepper Pike Dispatch and all members are paged to respond and assist. This is very helpful with larger fire scenes and provides a broader base of investigative knowledge.

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Special Fire Investigations for 2014

<i>Date</i>	<i>Alarm</i>	<i>Location</i>	<i>Type and Cause</i>
1/01/14	#14- 0002	1502 Sherbrook Road	Attic Fire, cause was undetermined

Lead investigator: Sean Patitucci



<i>Date</i>	<i>Alarm</i>	<i>Location</i>	<i>Type and Cause</i>
5/12/14	#14- 1126	1727 Wrenford Road	House Fire Accidental, exterior grill fire

Lead investigator: Scott Sebastian



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<i>Date</i>	<i>Alarm</i>	<i>Location</i>	<i>Type and Cause</i>
6/22/14	#14- 1323	3763 Salisbury Road	Basement Fire cause is still under investigation

Lead investigator: Ben Ovelgonne



<i>Date</i>	<i>Alarm</i>	<i>Location</i>	<i>Type and Cause</i>
09/11/14	#14- 2271	1315 Maydor Lane	House Fire Undetermined, electrical

Lead investigator: Ben Ovelgonne



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<i>Date</i>	<i>Alarm</i>	<i>Location</i>	<i>Type and Cause</i>
09/20/14	#14- 2366	4129 Princeton	House Fire Undetermined, electrical

Lead investigator: Ben Ovelgonne



<i>Date</i>	<i>Alarm</i>	<i>Location</i>	<i>Type and Cause</i>
9/26/14	#14- 2428	2039 Campus	House Fire. Accidental, disposal of smoldering napkin

Lead investigator: Scott Sebastian



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Fire Department Quarters - Lt. Turchon

Our station serves multiple purposes. It houses our trucks, and is the home away from home for the firemen. We conduct training in the station and our administrative offices can be found there too. The last large station addition was done in 1982. We also had our kitchen remodeled within the past 10 years. Our apparatus area is in desperate need of repair. The roof leaks and from time to time large pieces of plaster fall off the ceiling. We have been advised to not walk on the apparatus roof due to the possibility of falling through. We have brick and mortar falling from the outside of the building. While we take pride in the station, it is need of a remodel and major repairs.

Fire Hose- Lt. Turchon

There are many different types of fire hose. Fire hose comes in different sizes and is used for specific jobs. We carry 1.75 inch hose on our fire engines and our ladder truck. This hose is used to attack fire. It is lighter than the larger hose and is easily deployed. We also carry 2.5 inch hose on our trucks. This size hose has a dual purpose. We can use this hose to attack the fire but we can also use it to supply our trucks or smaller diameter hose. We carry 3 inch hose and its purpose is to supply water. Our largest diameter hose is 4 inch, this is used to supply our fire trucks with water from the hydrants. Hose is tested each year during the summer months. Hose is either tested at 200 psi or 250psi depending on the diameter. Our oldest section of hose was purchased in September of 1981 and is currently still in use. Our newest piece of hose was purchased in February 2009. This past year a hose replacement plan was submitted to the Fire administration. We have 11,350 feet of hose between our trucks and reserve hose. Fun fact: If you took each section of hose and laid them end to end it would start at our station and end at the Walmart on Warrensville Center Rd.



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Hydrants- Lt. Turchon

The Fire Department carries its own water supply to fires in the fire engines. While it is a large amount of water, it is seldom enough to extinguish fires completely. This is where fire hydrants come in to play. We have 1065 city hydrants and 39 private hydrants. City hydrants are maintained by the Cleveland water department and tested by the Fire Department. Private hydrants are maintained by the private owners. We test all hydrants once a year, every year. This is usually performed in the month of May. This is done by on-duty personnel. We divide the city into 3 equal areas and each shift is responsible for their designated area.

The goal of our testing program is to assure a reliable water supply in the event of a fire. The testing is required by the Insurance Service Office (ISO) and must be completed annually in order to maintain our Fire Protection Rating, which directly affects property owner insurance premiums. In addition to being a requirement of ISO (Insurance Services Office), hydrant testing provides many benefits for fire personnel. We gain firsthand knowledge of where hydrants are located, assure they are visible from the road, operational as a “first water” source, and are able to confirm they are maintained on a regular basis. National Fire Protection Association standards also call for all public fire hydrants to be inspected on a regular basis. We perform annual inspections not only for the purpose of complying with the standards, but we need to have a high degree of confidence that all hydrants will perform properly in an emergency.



A number of circumstances can affect a hydrant's performance which includes vandalism, accidental damage, wear and tear, mechanical malfunction and even contractors performing work on water lines who forget to reopen hydrant tap valves. We want to detect any of these problems and correct them prior to the hydrant being needed. Any fire hydrant found to be faulty, in need of repair or inoperative is noted. Some of the minor repairs and all of the painting are completed by the City. Hydrants that do not drain well are checked each fall to make sure they do not contain water that may freeze and damage the hydrant or be frozen when the hydrant is needed.

Should you notice fire personnel checking hydrants in your area, be assured our intentions are not to waste water or destroy property; we are working to ensure your safety. Should you notice a hydrant in need of repair, please call the Fire Department or the Service Department so repairs can be initiated.

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WHAT SHOULD YOU DO WHEN HYDRANTS ARE BEING FLUSED IN YOUR AREA?

If you see a crew flushing a hydrant on your street, avoid running tap water and using the washing machine or the dishwasher until the flushing is done. If you see hydrant flushing crews working in the area, please drive carefully and treat them like any other road construction crew.

WHAT SHOULD YOU DO AFTER THE FLUSHING?

If tap water is used during flushing, it could come out discolored. If you encounter discolored water, shut the water off and wait several minutes. After waiting, check the clarity by running cold water for a few minutes, allowing new water to work its way into your pipes. If the water is clear, it's OK to use. If not, wait a few more minutes and check again. In some cases, there may be slight discoloration for a few hours. This discoloration only affects the appearance of the water; it does not affect the taste or water quality.

Avoid washing laundry during scheduled flushing times. Wait until the water runs clear at the tap, then wash a load of dark clothes first. If pressure or volume seems low, check your faucet screens for trapped particles.

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The South Euclid fire Department thanks you for taking the time to review our annual report. It is the primary goal of the Fire Division to provide the highest level of life and property safety through the extension of: Fire Prevention, Fire Control, Emergency Medical Care, and Public Education Services. It is in this report that we strive to provide pertinent information and data on the current operations and overall status of the Fire Department. Lastly, the Fire Department thanks the community of South Euclid for their continued support and we look forward to another productive year in 2015.

