Fire Department Programs

Atmospheric Monitors

Staff Contact: Lt. Tim Habeck

Program

The Atmospheric Monitoring Program is responsible for the maintenance of the City of Gresham and Oregon State Fire Marshal's Regional Response HazMat 3 fleet of monitoring equipment. This includes combustible gas meters, exotic chemical identification, and radiologic monitoring equipment.

Key highlights and work plan items

- Provide training to department members in the proper use of monitoring equipment.
- Perform light repair on equipment.
- Coordinate major repairs or scheduled calibration.
- Evaluate and test new equipment at the state and local level.

The capability to monitor for the presence of hazardous chemicals has a direct impact on the safety of both Fire personnel and the public. Gresham Fire can establish whether areas, homes and businesses, etc., are safe to enter with the use of specialized equipment for measuring toxic and flammable environments. From natural gas-related incidents to complex toxic chemical release, Fire, in conjunction with HazMat 3, can prevent or minimize loss of life, property and environmental damage.

Types of Equipment

- 3 and 4 gas monitors: Located on each engine, truck, and heavy rescue company for the purpose of monitoring flammable vapors and toxic carbon monoxide at various types of incidents. Also used for required air quality monitoring for confined space entries.
- Radiologic: Equipment for the purpose of identifying the presence of ionizing radiation is carried on all front-line apparatus, as well as heavy rescue. The Heavy Squad carries a cache of survey meters for the purpose of identifying contamination on large volumes of victims of a weapons of mass destruction event as well as dosimeters for tracking responder exposure to radiation.
- HazMat 3: HazMat 3 carries an extensive array of monitors for identifying, classifying and monitoring for multiple hazards both known and unknown.

Awards Ceremony and Employee Recognition

Staff contacts: Capt. Travis Soles and Randi Deverell, Administrative Supervisor

History

- The Award Ceremony program has been in place for the past 20 years, and in its current format since 2008.
- Funded through private donations and City funds.

Key highlights and work plan items

Awards ceremony

- Acknowledge and celebrate Gresham Fire employees and residents who perform exceptional acts of valor or service to the community. Organized by the Awards Committee.
- Each year's ceremony is held in January of the following year. Example: the 2018 Awards Ceremony was held in the Council Chambers on Jan. 25, 2019.
- The event typically recognizes awards such as Firefighter of the Year, Employee of the Year, Exceptional Service Awards, Special Unit Citations, Distinguished Conduct Awards, Metal of Valor, Citizen Life Saver Awards, Community Awards, Years of Service, Promotions, and Swearing-In of Employees.

Employee recognition

- Years of service are noted in five-year increments with a certificate and challenge coin.
- The Wall of Service, implemented in 2017, honors retirees with at least 20 years of service. Retirees receive a cash award and badge shadow box. The bell display was hand-crafted and provided by Recruit Academy 17-01.

Budget

- $5,950 for both programs

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Personnel assigned to the Awards Committee to represent 10% of the department through a variety of ranks and assigned divisions.

Community Education

Gresham Fire actively works in the community to engage and educate about fire safety and household fire prevention. Each member of our staff is dedicated to being an outstanding role model in public service for the children and young adults seeking a career in the fire industry. Our staff frequents community events like National Night Out, the Gresham Arts Festival, City Fest and more to engage with children and families all over East Multnomah County.

East Metro Special Weapons and Tactics (SWAT)

Staff contacts: Lt. Kestin Kim-Proudfoot, Firefighter Ryan Doern

Program

SWAT medics are certified paramedics trained in Tactical Combat Casualty Care (TCCC to assist in the delivery of high-risk warrants and respond to special emergency and hostage situations with police. East Metro SWAT responds within Gresham and unincorporated Multnomah County, and assists the cities of Portland and Vancouver in Clark County.

By the numbers

- **28 total operators from Gresham Police, Fire and Multnomah County Sherriff's Office**
- **2 Fire paramedics**
- **17 warrants delivered in 2018**
- **Medics incorporated since 1987**
- **East Metro SWAT served 17 warrants in 2018, which led to the conviction of multiple murder and attempted murder suspects, illegal drug production, trafficking and theft**

Training has led to multiple life-saving awards. All East Metro SWAT operators are trained by SWAT medics in tourniquet application, wound care and packing, chest seals for penetrating injuries, and combat gauze to stop bleeding.

Types of response

- **High-risk warrants**
- **Emergency call outs**
- **Hostage response**
- **Active shooter**

SWAT / Fire collaboration

In 2018, SWAT and Gresham Fire trained together to prepare for a possible hostage response involving a structure fire. The Technical Rescue Team participated in training to assist a SWAT response involving ropes and low-angle terrain.

Budget

$37,789

Fire Apparatus Service and Maintenance

Staff contact: Chief Scott Lewis

Program

Properly maintained and repaired fire apparatus are critical to the safe and effective delivery of fire and emergency response services. To meet this high standard of service, for the last two years the City of Gresham contracted Hughes Fire Equipment, Inc. of Springfield, a factory authorized repair and maintenance service provider, to deliver high-quality fleet services for all of Gresham's large apparatus fleet. This service has been in accordance with fire industry technical standards for the maintenance of emergency vehicles.

Key highlights and work plan items

- **This contractual arrangement permitted the City's Fleet Division to move its operations from the Public Safety and Schools facility to the County Yeon Facility at 190th and Division. This change disrupted the City's capacity to provide Fleet services, therefore a temporary contract with an outside vendor provided the needed relief for Fleet staff to conduct an orderly move and reorganization.**
- **Gresham Fire will begin transitioning a portion of its large apparatus back to the City Fleet Service at the Yeon Facility at the start of the new fiscal year beginning July 1, 2019. It is anticipated Fleet services will demonstrate the ability to properly ensure the safety and readiness of the City's fire apparatus, in accordance with the National Fire Protection Association (NFPA) published standards.**

Lease agreement: Maintenance building at the Fire Training Center

- **To conduct this work with minimal service impact to Gresham, Hughes Fire Equipment, Inc. leased a portion of the Maintenance building at the Fire District 10 Fire Training Center.**
- **The proposed lease provides certainty to Gresham Fire of easy access to vehicle service within the City.**
- **The Fire Service Agreement with Multnomah Rural Fire Protection District No.10 requires monies collected from subletting the portion of the Training Center to be used for the improvements of the property. These funds will be used to make improvements and to conduct deferred maintenance on the facility.**
- **This includes the replacement of heating and air conditioning equipment in June 2019.**

Key terms of the proposed lease

- **Use: Facility use is limited to the repair and maintenance of fire apparatus and related equipment.**
- **Area: Approximately 2,340 square feet of vehicle maintenance building at the Fire Training Center and an outdoor paved area of approximately 7,500 square feet.**
- **Term: July 1, 2017, to June 30, 2018, with the option of two, one-year extensions that will take the lease through June 2020.**

Fire Cadet Program

Staff contact: Capt. Eric Byrne

History

Gresham's Fire Cadet Program is at least 30 years old. Originally, the program was an "explorer post" run through the Boy Scouts of America (BSA). Gresham Fire partnered with the BSA to run the program.

Program

The "Firefighter Cadet Program" is designed to provide teenagers and young adults ages 15-21 with opportunities in leadership, teamwork, career exploration, and responsibility. Fire Cadets are taught basic firefighting skills, teamwork and self-reliance. Once Cadets demonstrate their basic skills and knowledge proficiency, they can ride along with career staff to experience the work we do.

Key highlights and work plan items

- 25-30 cadets
- 8 career Gresham firefighters who rotate as advisors
- Weekly drill night training
- Training in fire service skills and knowledge
- Ride-a-longs with career crews
- Uniforms
- Firefighting gear
- Response to larger incidents for support operations
- Teamwork
- Community involvement
- Career exploration
- Character development

Budget

The budget for the program covers:

- Advisors
- Uniforms
- Turnouts (fire gear)
- Equipment

Total: $15,275

Health and Wellness Program

Staff contact: Lt. Jeff Hairston

Program

Gresham Fire strives to be healthy and fit. Studies show heart disease is the No. 1 cause of line-of-duty deaths for fire department members. Regular exercise and a healthy diet are proven to help fight heart disease.
The National Fire Protection Association sets recommendations for health-related fitness programs for firefighters. This standard, known as "NFPA 1583: Standard on Health-Related Fitness Programs for Fire Department Members," recommends:

- Regular medical evaluations.
- Peer fitness trainers and assessments.
- Exercise and fitness programs.
- Health education.
- Data collection.

Gresham Fire uses NFPA 1583 and the International Association of Fire Fighters/Fire Chiefs Wellness-Fitness Program as the basis for annual fitness evaluations.

The program lets fire department members chart and monitor the changes that happen as members age. Monitoring these changes makes it easier to recognize potentially harmful changes and recommend alternatives to help reduce these risks.

Key highlights and work plan items

- Periodic medical screenings to ensure every member is fit to perform and excel at the rigors of the job.
- Four Peer Fitness Trainers conduct the annual fitness assessments each year.
- Assessment includes total body weight, body fat percentage, waist to hip ratio, and resting heart rate. The test also measures aerobic capacity, muscular strength and endurance, and flexibility.
- Firefighters are given their results, potential problematic trends and areas of concern, and recommendations to improve their overall health.
- Evaluations are non-punitive. The goal is to increase the individual's overall health and fitness while decreasing or eliminating unhealthy trends.

Budget

The budget includes:

- Annual Fitness Assessment
- Equipment maintenance: Each fire station's equipment is maintained by a licensed contractor.
- Exercise equipment: Ongoing efforts to upgrade exercise facilities at each fire station.
- New fitness and injury prevention tools: Rollers, yoga mats, jump ropes, etc., at all stations.
- Fitness training: Members of the Fitness team conduct station visits to review physical fitness and stretching techniques to improve health and decrease common injuries.
- Continuing education: All Peer Finess Trainers keep up with ongoing changes in the health, wellness and fitness fields; annual credential recertification required.

Total: $13,000

Hoses and Ladders

Staff contact: Capt. Daniel Lickteig

Program

Each Fall, every hose and ladder in the department needs to be tested. With three engines in reserve, more than 30,000 feet if hose is tested annually. Hoses are tested for strength and durability. Every ladder is tested for flexibility and durability.

Key highlights and workplan items

- **NFPA standards**
- **Fire hoses and ladders are inspected and tested annually. They must meet the requirements of the National Fire Protection Association, NFPA. Any hose or ladder that does not meet the standard is repaired or replaced.**

Hoses

Standard hoses and lengths:

Engine:

- **5" – 1,075 Feet**
- **3" – 50 Feet**
- **2 ½" - 1,350 Feet**
- **1 ¾" - 750 Feet**
- **1" Booster – 150 Feet**

Truck:

- **2 ½ - 50 Feet**
- **1 ¾ - 50 Feet**

Ladders

Standard Ladder Configuration

Engine: 3 Total

1 – 24' Extension

1 – 14' Roofer

1 – 8' Attic Ladder

Truck: 105' AERIAL

1 – 24' Extension

2 – 35' Extension

1 – 18' Roofer

1 –16' Roofer

1 – 14' Roofer

1 – 12' Roofer

Budget

A third of the budget, approximately $9,100, is spent for testing.
Total: 27,000

Mapping iPad Program

Staff contact: Capt. Peter Graves, Tristan Whitehead, Information and Innovation

Program

The iPads are used for:

- Backup mapping for Mobile Data Terminals
- Pre-Plan Management
- Data Storage
- Hazardous Materials Guide
- EMS Protocols
- Resource Guide
- E-mail

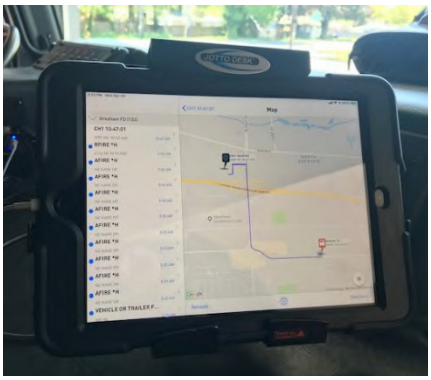
In 2012, the need for a more efficient way to track data and mapping became apparent. A new program was developed that is not only used at Gresham Fire, but inspired other fire departments to follow, including Portland, Clackamas, and Tualatin Valley Fire and Rescue.

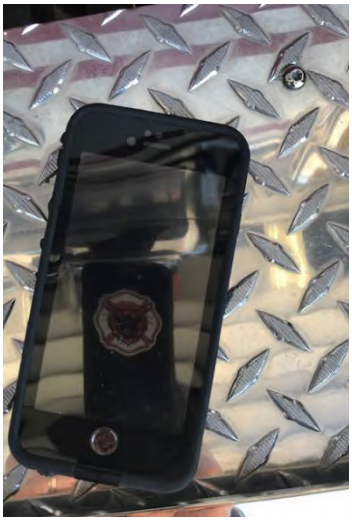
Key highlights and work plan items

- Seconds save lives in emergency response and arriving to the correct destination is imperative. Dispatch computer systems are complicated and tend to fail at times.
- Mapping systems such as Active 911 can fill these gaps in service and allow our companies to arrive to every call for service.

The future

As technologies improve, so will the applications for use of mobile devices. Records Management Systems will integrate to a mobile platform to alleviate duplication of effort and reduce time writing reports.





Mobile Data Computers

Staff contact: Capt. Jay Cross

Program

Gresham Fire equips twenty-two vehicles with updated Mobile Data Computers (MDCs). This equipment allows us to send and receive information with Fire Dispatch, provided by the City of Portland's Bureau of Emergency Communications (BOEC). Additionally, we are exploring ways to expand the information retrievable while en-route to, and while on, emergency scenes.

Like all other computers, after several years of use they become obsolete and need replacing. They no longer have the speed and capacity needed for newer programs. In our case, automatic vehicle location, mobile mapping, and pre-fire planning greatly enhance our operations.

Key highlights and work plan items

Vehicle response tracking applications, often known as automatic vehicle location (AVL):

- **Identify where a unit is located geographically using the geospatial positioning system (GPS).**
- **Receive automated incident location information and provide the most effective response.**
- **Provide a date/time-stamped tracking of the unit during its travels.**

One of the next uses to be implemented is personnel tracking, using an MDC application that interacts via bluetooth and wireless radio frequency identification (RFID) with our Self-Contained Breathing Apparatus. This technology will allow the incident commander to monitor the amount of breathing air available to our firefighters working inside the building on fire.

Oregon Office of State Fire Marshal - Incident Management Teams

Staff contact: Battalion Chief Michael Traeger

The Oregon Office of State Fire Marshal maintains three Incident Management Teams (IMT) providing comprehensive incident command to manage ongoing emergency operations, with expertise in logistics, finance, planning, public information, operations, safety and community issues. The IMTs are most frequently deployed in support of wildfires under the State's Conflagration Plan.

Fire Officers from Gresham work in the Planning Section and as Geographical Information System Specialists.

Teams respond with resources mobilized by the Governor for a conflagration or other emergency that has overwhelmed the control and resources of local emergency responders (ORS 476.510). They enhance effective coordination among responding agencies during fires, floods, earthquakes, structural collapse, tsunamis, the spilling of hazardous materials and other natural or human-caused incidents.

The IMTs are responsible for development of a plan of action to aggressively and safely mitigate the incident to which it has been assigned, either through Unified Command or a single incident command structure.

The different types of team positions and opportunities include:

- **Incident Commander or Deputy Incident Commander**
- **Incident Safety Officer**
- **Line Safety Officer**
- **Incident Information Officer**
- **Public Information Officer**
- **Law Enforcement Liaison Officer**
- **Operations Section Chief or Deputy Operations Chief**
- **Division/Group Supervisor**
- **Planning Section Chief or Deputy Planning Section Chief**
- **Resource Unit Leader**
- **Geographic Information System Specialist**
- **Logistics Section Chief or Deputy Logistics Section Chief**
- **Communications Unit Leader or Assistant**
- **Finance Section Chief**

Peer Support Program

Staff contact: Lt. Lloyd Nickson

Program

Fire's Peer Support Team promotes the health and well-being of all members and families with confidential support and assistance to peers in distress.

Often, firefighters encounter Gresham residents who are struggling with the worst days of their lives. Fatalities, injuries, loss of homes--this exposure to tragedy takes a toll on firefighters' mental health. According to a national report, firefighting is the most stressful job in the U.S.

- **95% of firefighters nationwide report experiencing critical stress on the job.**
- **46.8% of firefighters experience suicidal thoughts.**
- **75% say on-duty stress is causing lingering or unresolved emotional issues.**
- **60% reported sleeplessness, recurring or unwanted memories of events, anger.**
- **35% of firefighters have spoken to their peers about their stress. Of those 35%, 71% found it a helpful tool.**
- **94% believe greater awareness about behavioral health and duty-related post-traumatic stress will lead to improved services.**

Key highlights and work plan items

Because of the job's unique demands, many firefighters prefer to talk to someone who understands their situation. The program involves:

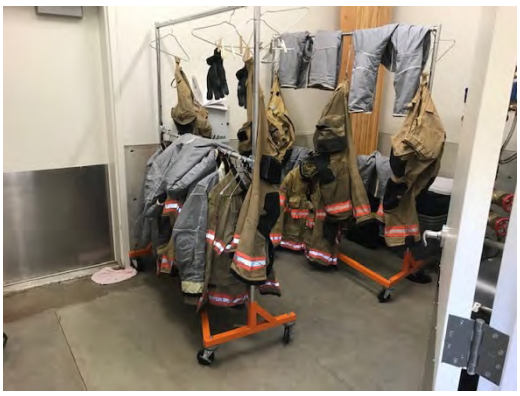
- **Trained Peer Supporters chosen by their fellow firefighters.**
- **Peer Supporters provide feedback, help problem solve, listen with compassion, and when appropriate, assist with referrals to mental health professionals.**
- **Mental health counselors who provide support customized to firefighters.**
- **Department of Public Safety Standards and Training chaplain training to provide a resource to deal with emotional trauma after traumatic incidents.**
- **Referrals to more intensive in-patient trauma retreat when emergency care is needed.**

Personal Protective Equipment (PPE)

Staff contact: Capt. Daniel Lickteig

New turnouts

- Manager: Capt. Lickteig
- Purchased 20 new sets per budget year, between $60,000-$70,000.
- Time spent equals 1-2 hours/shift at the beginning of budget year working with vendor on sizing and setting up yearly order. Several emails and phone calls made off-duty to answer vendor questions immediately.
- Time spent working with line personnel equals 1-3 hours/month to get them needed turnouts from supply for backups and rotating over 10-year old PPE to training center for cadets.
- Time spent working with new vendors on potential new products equals three hours for fiscal year 2018/19. Captain available on or off duty to receive calls from these vendors.



PPE accessories (helmets, gloves, hoods, passports, boots, etc.)

- Manager: Lt. Womack
- Project Turnout Program (boots, hoods, helmets, gloves, etc.)
- Total cost since July 2018: approximately $14,000

PPE cleaning and maintenance

- Manager: Lt. Stevenson
- Provide required yearly safety cleaning and inspection of all turnout gear for the department. This is performed through Northwest Safety Clean. Cost is $30,000-$35,000/year. Includes 15-20 hours overtime a year for pick up and gear delivery.
- Provide ongoing PPE cleanings at Station 76 for all department personnel.
- All three shifts assist, averaging 10 hours/month on duty.

Pre-Incident Fire Planning (Preplans)

Staff contact: Lt. Ryan Miller

History

- **First iterations of preplans were hand drawn and indexed using a 4-digit numbering system.**
- **Physical documents were later replaced by an all-electronic system, utilizing iPad and iPhone devices to deploy documents to the end user.**
- **The all-electronic system reduced time of plan creation to deployment from six months to one day.**

Program

Pre-Incident Planning is the process of inspecting target hazard structures or areas and creating a simplified document that can be used by incident commanders during emergencies.

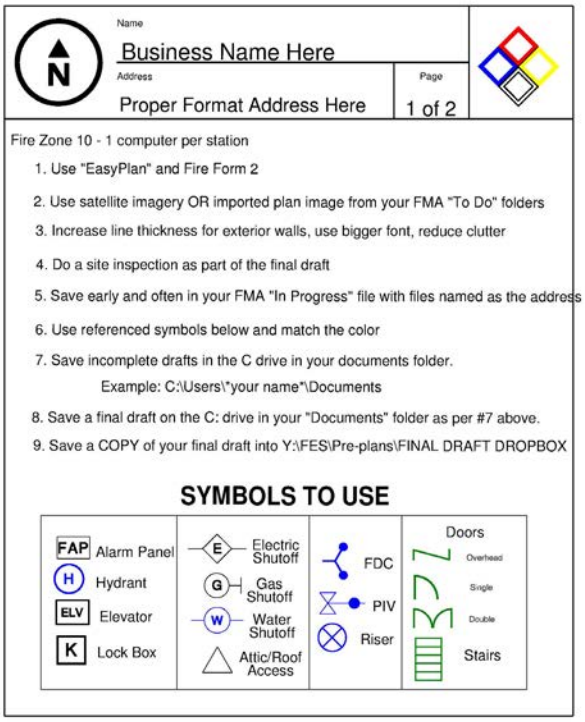
Key highlights and work plan items

- **Pre-incident planning increases safety and efficiency during emergency operations by accounting for:**
  - Known hazards and other operationally significant details.
  - Location of utilities, such as electric, water, and gas valves.
  - Distances for extended hose deployments, rural water supply concerns.
  - Location of fire suppression systems, FDC's, PIV's, risers, alarm panels.
  - Location of lock boxes and access points, building numbers.

- **Each fire station captain is responsible for the overall status of the preplans within their first area of response.**

- **Through this program, all hazards are preplanned by the staff most likely to arrive first to these areas in an emergency.**

How To Template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Fire Zone 10 - 1 computer per station

1. Use "EasyPlan" and Fire Form 2
2. Use satellite imagery OR imported plan image from your FMA "To Do" folders
3. Increase line thickness for exterior walls, use bigger font, reduce clutter
4. Do a site inspection as part of the final draft
5. Save early and often in your FMA "In Progress" file with files named as the address
6. Use referenced symbols below and match the color
7. Save incomplete drafts in the C drive in your documents folder.
   Example: C:\Users\"your name"\Documents
8. Save a final draft on the C: drive in your "Documents" folder as per #7 above.
9. Save a COPY of your final draft into Y:\FES\Pre-plans\FINAL DRAFT DROPBOX

SYMBOLS TO USE

FAP Alarm Panel
H Hydrant
ELV Elevator
K Lock Box
E Electric Shutoff
G Gas Shutoff
W Water Shutoff
Attic/Roof Access
FDC
PIV
Riser
Doors
Overhead
Single
Double
Stairs

Radio Systems

Staff contact: Firefighter Pat McAbery

Program

Communication is vital to emergency response and mitigation. Modern radios are a complex combination of hardware and computer technology that can allow unprecedented interoperability.

By the numbers

- 70-plus portable radios
- 30-plus mobile (rig mounted) radios
- 4 firmware updates in 2018
- 8 mobilizations requiring VHF "BK" Radios throughout Oregon and California
- 4 counties using integrated 800 mhz radio system for interoperability across county and state lines

Radio update

Gresham Fire recently replaced all front-line portable radios with state-of-the-art Motorola portables. Updating the radios assure Fire it has the latest technology and reliability.

Gresham Fire also recently replaced Self Contained Breathing Apparatus (SCBA). The new SCBA have built-in Bluetooth technology to allow for better communication quality while wearing the mask.

Key highlights and work plan items

- Regular radio maintenance.
- Maintain "Firecom" headset intercom systems in vehicles.
- Troubleshoot new radio Bluetooth connection. Significant staff time experimenting, training and documenting the inconsistent quality of communication using this system.
- Engage with engineers from both radio suppliers along with other fire agencies locally and around the country to make the system reliable.
- Multiple upgrades to the firmware of the radios (firmware tells the radio how to work) along with updates to the SCBA.
- Continue working toward making fireground communications the highest quality possible.
- Explore solutions to hearing the radio in high noise and stress situations by looking for methods of using earbuds.

Self-Contained Breathing Apparatus (SCBA) Program

Staff contact: Lt. Greg Renfro

Program

Gresham Fire and Emergency Services utilizes Self-Contained Breathing Apparatus (SCBA) for any situation determined to be an Immediate Danger to Life and Health (IDLH). Fire recently upgraded outdated equipment to the MSA G1 series of SCBA.

The SCBA program is responsible for the maintenance, compliance, repair, training, and general needs of all department SCBAs and their subparts.

Key highlights and work plan items

- **Work closely with Fire's suppliers to maintain OHSA and MSA compliance to ensure best practices for safety and use.**
- **The SCBA program is operated by two MSA certified technicians out of Station 73. Both technicians are on-duty firefighters.**

By the numbers

- **67 packs**
- **108 masks**
- **3 RIT packs**
- **138 bottles**
- **1 FIT testing device**
- **1 Honeywell flow testing machine**

Photos courtesy of Greg Muhr

Staffing Management

Staff contact: Capt. Daniel Lickteig

Program

- **Program team: Capt. Lickteig, Lt. Womack, Lt. Stevenson, Firefighter Griffin, and Tristan Whitehead, Information and Innovation.**
- **Average two to six hours per week while on duty working on new program and fixes.**
- **Average several emails and calls per month with Whitehead off duty on program development. Occasional off duty work sessions.**
- **Captain available for staffing questions off duty. Averaging three to six calls or texts with staffing questions from on duty crews.**
- **Cost equals three to five hours overtime a month for captain; one to two hours overtime for lieutenants; $180-$420 per month.**
- **Remaining Fire Station 76 personnel responsible for general staffing duties.**

Photo courtesy of Greg Muhr

Thermal Imager Camera (TIC) Program

Staff contact: Lt. Michael Snodgrass

Program

Gresham Fire established a thermal imager camera (TIC) replacement committee in 2018. The TIC is a valuable tool that allows firefighters to use thermography to "see" heat variations through smoke.

This technology is important to save lives when searching for victims as well as to ensure firefighter safety during structure fire operations.

Key highlights and work plan items

The TIC committee:

- **Conducted extensive research and tested thermal imager cameras.**
- **Recommended the MSA 6000 model; Gresham Fire purchased 14 devices.**
- **Coordinated firefighter education.**
- **Oversaw apparatus installation.**
- **Transitioned into training, support and repair personnel.**

The TICs have proven a valuable resource to Gresham firefighters due to advances in technology related to image clarity, screen brightness and user interface.

The TIC program requires annual training in operations and periodic maintenance and repair of the cameras.

Budget

- **Training**
- **Repair**
- **Maintenance**
- **Programming**

6

Members assist with the TIC Program.

Uniform Program

Staff contact: Capt. Peter Graves, Lt. Craig Hardie

Program

Gresham Fire's Uniform Program provides Class A and B uniforms for firefighters, chiefs and fire marshal's office for the department. Items provided include:

- Class A dress uniform
- Coats
- Sweatshirts
- Button up shirts
- Pants
- T-shirts
- Shorts
- Footwear

Key highlights and work plan items

- Provide additional insulation to those portions of the body covered by the work uniform.
- Reduce blood or body fluid exposure with work uniforms worn during emergency medical calls.
- Meet federal uniform guidelines. Uniforms should be fire resistive and heat resistant; cotton 100 percent or Nomex meet this standard. Wildland boots must be all-leather and at least 8" tall. Gresham Fire's Uniform Program is working to meet this national standard for firefighter safety.

Budget

- $40,000

103 Uniformed Fire Service Personnel

Wildland Fire Program

Staff contact: Lt. Michael Snodgrass

Program

Gresham Fire and Emergency Services responds to numerous local and regional wildland, grass and brush fires every year. In Oregon, Gresham Fire responds with Multnomah County strike teams during conflagration declaration deployments within the state.

Key highlights and work plan items

- **Deployed to California twice during the 2018/2019 budget year with the Multnomah County strikes teams.**
- **Responded to four in-state conflagration fires, a significant increase in out-of-county wildland fire responses.**
- **Continue to develop wildland response capabilities.**
- **In the 2018/2019 budget year, Fire:**
  - **Purchased a new brush rig.**
  - **Upgraded the wildland response cache.**
  - **Installed hard suction onto the wildland deployment apparatus.**

The 2019 wildland fire season forecast shows potential for increased fire activity because of hot and dry weather. The Oregon State Fire Marshal is predicting an increase in wildland fire conflagration declarations and deployments for Oregon fire departments.

Due to the increased demand for the suppression of destructive wildland fires locally, regionally, and nationally, Gresham Fire will need to invest in additional resources to meet the increased needs including the following:

- **Training**
- **Tools and equipment**
- **PPE maintenance, repair, replacement**
- **Brush apparatus tools and equipment**
- **Deployment cache purchasing**

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Members assisting with the Wildland Fire program.