



Clackamas Fire District #1

Board Meeting Briefing Packet

September 16, 2019



CLACKAMAS FIRE DISTRICT #1

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To safely protect and preserve life and property

**Board of Directors' Meeting
Monday, September 16, 2019
Meeting Location: Mt. Scott Fire Station
6:00 pm**

AGENDA

REGULAR SESSION

- I. CALL TO ORDER PER ORS 192.610 TO 192.690
ORS 192.650 – The meeting is being recorded.**
- II. ELECTION OF OFFICERS**
- III. CHANGES TO AGENDA**
- IV. APPROVAL OF THE MINUTES FOR THE REGULAR BOARD MEETING ON
AUGUST 19, 2019 (p. 4)**
- V. PUBLIC COMMENT** *(The President will call for statements from citizens regarding District business, not to exceed three minutes per person.)*
- VI. PRESENTATION – CLACKAMAS COUNTY NATURAL HAZARD MITIGATION
PLAN CLACKAMAS FIRE ADDENDUM – Emergency Manager Gregg Ramirez**
- VII. PRESENTATION – FIRE PREVENTION MONTH – Fire Marshal Shawn Olson**
- VIII. PRESENTATION – PROPOSED CONTRACT FOR SERVICE TO ESTACADA FIRE
DISTRICT #69 – Chief Charlton / Battalion Chief Steve Deters**
- IX. BUSINESS – Action required**
 - B-1 Request Board Approval of Proclamation 19-04 – To Designate the Month of
October 2019 as Fire Prevention Month – Fire Marshal Shawn Olson (p. 17)**
 - B-2 Request Board Adoption of the Clackamas County Natural Hazard Mitigation Plan
Clackamas Fire Addendum – Emergency Manager Gregg Ramirez (p. 18)**
 - B-3 Request Board Approval for the Fire Chief to Enter into a Contract with ESO
Solutions for Fire, EMS and Prevention Reporting for a One-Year Term – Deputy
Chief Whiteley / Data Systems Director Shelby Hopkins (p. 70)**
 - B-4 Request Board to Authorize Fire Chief to Extend the Intergovernmental Agreement
(IGA) with Estacada Fire District #69 – Chief Charlton / BC Steve Deters (p. 72)**



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To safely protect and preserve life and property

CLACKAMAS FIRE DISTRICT #1

X. OTHER BUSINESS – No action required. *(These items will be presented individually by staff or other appropriate individuals. A synopsis of each item together with a brief statement of the action being requested shall be made by those appearing on behalf of an agenda item.)*

OB-1 Legislative Update – Lobbyist Genoa Ingram

OB-2 Review and First Reading of Board Policy Manual – Chief Charlton (p. 73)

OB-3 Board Committee/Liaison Reports

Foundation Liaison – Director Trotter

Interagency – Director Joseph / President Syring

OB-4 Board Informational Updates/Comments

XI. INFORMATIONAL ONLY

A. Divisional Reports

R-1a. Chief's Report – Verbal - Chief Fred Charlton

R-1b Business Services Division – Deputy Chief Doug Whiteley (p. 111)

R-1c Emergency Services Division – Deputy Chief Ryan Hari (p. 128)

R-1d Volunteer Services – Battalion Chief Steve Deters (p. 204)

B. Correspondence (p. 207)

C. Informational Items (p. 212)

D. Next Meeting

The next Board of Directors' meeting will be on Monday, October 21, 2019 at 6:00 pm at Mt. Scott Station 5.

XII. REGULAR BOARD MEETING RECESSED

XIII. EXECUTIVE SESSION CALLED FOR THE PERFORMANCE EVALUATIONS OF PUBLIC OFFICERS AND EMPLOYEES PURSUANT TO ORS 192.660(2)(i)

XIV. REGULAR BOARD MEETING RECONVENED

XV. ADJOURNMENT

UPCOMING EVENTS:

October – Fire Prevention Month

October 21 – Regular Board Meeting

Clackamas Fire District #1



REGULAR BOARD OF DIRECTORS MEETING August 19, 2019

(This meeting was recorded.)

I. CALL TO ORDER PER ORS 192.610 TO 192.690

ORS 192.650 – The meeting is being recorded.

President Syring called the meeting to order at 6:01 pm.

Present: Board of Directors Jay Cross, Thomas Joseph, Jim Syring, Don Trotter, and Marilyn Wall; Fire Chief Fred Charlton; Deputy Chief Doug Whiteley; Deputy Chief Ryan Hari; Division Chief Mike Corless; Division Chief Bill Conway; Public Information Officer Brandon Paxton; Volunteer Services Battalion Chief Steve Deters; Battalion Chief Jason Ellison; Battalion Chief Nick Browne; Battalion Chief Tony Cordie; Medical Services Battalion Chief Josh Santos; Captain Greg Holland; Firefighter Joey Barber; Volunteer Jerry Kearney; Volunteer Association President Ryan Kragero; Emergency Manager Gregg Ramirez; Battalion Chief John Hopkins; Finance Director Christina Day; Mark Aasland with Pace Engineers; Genoa Ingram from Court Street Consulting; Citizens Chris Hawes, John Kihlstrum, and Lowell Peterson; and Executive Assistant Karen Strejc.

II. CHANGES TO AGENDA

Chief Charlton noted that there would be two changes to the agenda.

For Item B-5, the Natural Hazard Mitigation Plan, Emergency Manager Ramirez will give an overview, but the Board would not be asked to take action on this until next month.

Item B-6, Surplus of Facilities Maintenance Modular was distributed at the meeting. BC Deters would explain this agenda item.

III. APPROVAL OF THE JOINT BOARD MEETING WITH ESTACADA FIRE DISTRICT #69 ON JULY 8, 2019, THE REGULAR BOARD MEETING ON JULY 15, 2019; AND THE SPECIAL BOARD MEETING ON JULY 31, 2019.

There were no changes to any of the meeting minutes, so the minutes stand approved as written.

IV. PUBLIC COMMENT

Chris Hawes
Citizen from Damascus

Chris talked about the Preskeys Gas Holes Car Club and the Fire and Rescue Car Show 2019. The show had 129 regular cars and it was a huge success.

Chris gave a special thank you to Chief Charlton for working hard on the event. He also thanked Kylie Charlton for helping and he said that the staff help was great!

Chris thanked BC Hopkins and the Training Center for the great site. He also thanked BC Deters for arranging to have an engine there. Chris noted that the Volunteers were great with crowd and represented CFD #1 well. He shared he received many nice comments about Firefighters Jeremy Neel, Kirk Hambley and Conor Stewart.

Chris shared that each agency, Clackamas Emergency Services Foundation (CESF), Missing America Project, and Randall Children's Hospital would each receive \$1,300 from the event.

Chris noted that he is looking forward to next year.

Chris thanked everyone for the support and assistance with the event.

V. PRESENTATION - EMERGENCY PREPAREDNESS MONTH

Emergency Manager (EM) Ramirez shared that September was National Emergency Preparedness Month with the theme of "Stand Down for Disaster Preparedness." He noted that there would be many great things going on in the District.

EM Ramirez shared that National Emergency Preparedness Month was a FEMA sponsored program. The program aimed to encourage Americans to take steps to be better prepared for emergencies in their homes, businesses, schools and communities.

EM Ramirez shared that the District's focus this year was to make sure that staff was prepared for disaster. Some of the activities scheduled included the Safety Fair and Community Emergency Response Teams (CERT) Summit. The District would also be conducting a stand down for disaster preparedness presentation. There would also be a Continuity of Operations Planning (COOP) table top exercise.

EM Ramirez shared that the Board would not be asked to adopt the Clackamas County Natural Hazard Mitigation Plan Clackamas Fire Addendum tonight, but he wanted to explain more about it.

EM Ramirez noted that FEMA required that the District have a Natural Mitigation Plan in order to get funding from the government for natural disasters that happen. He shared that the most frequent events that happen were winter storms, wind storms and wildfires. He also mentioned earthquakes.

EM Ramirez discussed CERT and the projects that they were working on. He shared that they built a new sand box at Station 4. The sand would be used for filling bags if there was the possibility of flooding.

EM Ramirez noted that the CERT group had taken on both the Stop the Bleed and Hands Only CPR Programs for the community.

VI. BUSINESS

B-1 Request Board Approval of Proclamation 19-03- To designate the month of September 2019 as National Emergency Preparedness Month

EM Ramirez asked the Board to recognize and approve the proclamation, to observe September as National Emergency Preparedness month.

Director Trotter asked for explanation on the meaning of “Stand Down,” and why was it chosen. EM Ramirez explained that “Stand Down,” was a term that organizations were using to encourage staff to stop daily activities and dedicate time to duties, taking focus, while recognizing and preparing themselves and families for natural disasters.

Director Trotter moved and Director Joseph seconded the motion for the Board to adopt Proclamation 19-03- To Designate the Month of September 2019 as National Emergency Preparedness Month. The motion passed unanimously.

B-2 Request Board Approval to Purchase New Helmets

DC Hari shared staff was requesting the approval to purchase 250 helmets. In about three years, all of the District’s helmets would be expired.

DC Hari shared that about 10 years ago, the District did a research and development (R&D) exercise. They found that it was more expensive to purchase traditional style helmets.

DC Hari shared that the plan was to go to one color of helmets. All helmets would be black. Stickers will be placed on the helmets to indicate the rank of the individual.

DC Hari noted that staff was requesting to spend up to \$80,000 to replace the current helmets.

Director Wall moved and Director Cross seconded the motion for the Board to approve the purchase of approximately 250 firefighter personal protective equipment-traditional style helmets- in the amount of \$80,000. The motion passed unanimously.

B-3 Request Board Approval to Purchase Self-Contained Breathing Apparatus (SCBAs)

DC Corless shared staff would like Board approval to replace or upgrade four out of the five District SCBA air compressors for a cost of \$203,059.20. Currently, the District had four fixed air compressors located at Station 2, Station 8, Station 10 and Station 14. The District also had one mobile air compressor in Rehab 308. Two of those compressors were over 25 years old and it was hard to get parts. He had spoken to the SCBA technicians and they told him that the four compressors were needed with the one mobile compressor.

Discussion followed about the typical life span of compressors. It was shared that they would be replacing two compressors and updating two compressors.

Director Cross moved and Director Joseph seconded the motion for the Board to approve Option A, upgrade two and replace two of the Fire District's SCBA air compressors in the amount of \$203,059.20. The motion passed unanimously.

B-4 Request Board Discussion and Approval of Fire Chief's Performance Evaluation

President Syring shared that the process for the Fire Chief's evaluation was to be discussed in an open meeting. He noted that he sent some information to the other Directors regarding options for this process.

President Syring noted that the process always began by reviewing the current contract. The term of the current contract would end June 30, 2021.

Chief Charlton shared that when he entered into the current contract in 2012, he knew it would be a nine-year contract. Chief Charlton requested to retire in December 2020 and work back to June 2021, while working on transitioning the new Fire Chief and leadership team. With the Board's approval, he would still stay within the boundaries of the contract, but he would like to move up his retirement date by six months.

President Syring congratulated him on his decision. He added that they wished the best for him and looked forward to working with him during this process.

Director Cross thanked the Chief for his service and also thanked him for the heads up so they would have time to prepare.

Chief Charlton shared the new internal communication plan that would be rolled out in September. He shared that staff had identified three areas that were critically important in the Fire District, and one of those was succession planning.

President Syring noted that he and Director Wall met as the Board Executive Committee. Per Legal Counsel, the Board would need to formally approve the work back because it was a change in the current contract. He also suggested having a one page addendum to that contract.

Director Joseph shared that the CEO had to become a leader in the community. He noted that Chief Charlton had become an incredible example of Clackamas Fire in the community and added that Chief Charlton had a great positive influence in the community.

Director Wall echoed what Director Joseph said.

Discussion followed regarding the evaluation process.

President Syring noted several months ago, the Board discussed developing a 360 process for evaluating the Chief. This would include getting feedback from those who worked for the Chief as well as those equal to the Chief in other organizations in the community

President Syring shared that he and Director Wall thought with the Chief's retirement announcement, the Board would use a modified form using the written form from the 2017 evaluation.

President Syring's proposal was to move forward and use the previous form for each Director to complete by the September Board meeting and have for discussion in an Executive Session. Chief Charlton, for the first time, would prepare a trial 360 form to be used for the current evaluation. After this trial form, the Board could decide to incorporate some or all of it for the future.

President Syring would send the evaluation to all the Board members.

President Syring shared this was a self-organized, self-initiated process. He would meet with Chief Charlton to see how it could be done. It may be done through Survey Monkey and would be confidential. Discussion followed.

Director Joseph shared that he felt there should be a Board Work Session to develop an evaluation process.

Director Joseph brought up that name of the evaluation, noting that some people had mentioned the negative connotation that can come with the 360 Evaluation. He suggested using the term Complete Evaluation instead of a 360 Evaluation. Discussion followed.

Chief Charlton noted that the 2017 evaluation was developed through some work the Oregon Fire District Directors Association (OFDDA) had done. At that time, Chief Charlton and the Board President looked at the 12 leadership competencies for the Fire Chief position, making sure they were cross referenced into the evaluation. He added that he thought the timing for this was good, because the competencies should be reviewed again in about a year. He noted that it was important to have these competencies in the evaluation.

President Syring asked that people be able to write comments that would be helpful on the evaluation, rather than just checking the boxes. President Syring explained that the written evaluations that the Directors completed do have their names on them and they would be discussed in September in Executive Session.

It was noted that the evaluation packets would be sent out within the next few days.

President Syring noted that the Board concurred with moving forward with the process for the evaluation.

President Syring brought up the Chief's request to do a work back. Chief Charlton's retirement date would be December 31, 2020 and do a work back to end June 30, 2021. Director Wall shared that the contract would need to be amended.

Chief Charlton explained that a work back was where a PERS employee could work after retiring. It was a means to retain an employee for six months after retirement to help with the transition of the position. During the work back, there was no vacation or sick leave, and if time was taken off, it was unpaid. It was not just for sworn employees.

President Syring asked for a motion from the Board to approve Chief Fred Charlton's request to complete the work back after his retirement date of December 31, 2020, working back, up through June 30, 2021 per his request.

Director Wall shared she would like to move that the Board move forward with the amendment to the Chief's current contract, terminating his employment as of January 1, 2021, with a six month work back through June 30, 2021, under the appropriately named work back retirement program. Director Trotter seconded the motion. The motion passed unanimously.

Chief Charlton concurred with this, agreeing to sign an amended contract.

B-5 Request Board Adoption of the Clackamas County Natural Hazard Mitigation Plan –Clackamas Fire Addendum.

Chief Charlton noted that this would just be a discussion tonight and asked if EM Ramirez had anything to add. EM Ramirez shared he had nothing additional to add.

This topic would be voted on at the September Board meeting.

B-6 Request Board Approval to Surplus the Facilities' Office Modular

BC Deters shared that there was no need to have the Facilities' office modular, as the Facilities staff was moving into the new Logistics Building.

BC Deters noted that the area where the modular currently sat would be used for training, parking, vehicles, etc.

BC Deters briefly discussed the plans for the 130th Campus remodel, consolidation and reorganization. He shared that the empty, back half of the building would be the home for Operation Santa Claus every year in the future.

Director Cross moved and Director Trotter seconded the motion for the Board to approve the surplus of the Facilities' office modular. The motion passed unanimously.

VII. OTHER BUSINESS

OB-1 Legislative Update

Lobbyist Ingram talked about several of the hot items from the last legislation session.

Lobbyist noted that the Modified Corporate Activities Packs (MCAP) would not be referred.

Lobbyist Ingram shared that Cap and Trade would be back next legislative session, in February. Currently, law makers and the Governor's office were working with legislators to try to strike a balance for Cap and Trade.

Lobbyist Ingram explained she planned to have her written report done by the September meeting.

Lobbyist shared that on August 20, she would be attending the Oregon Coastal Caucus. They dealt with state-wide issues.

OB-2 Board Committee/Liaison Reports

Board Executive Committee

President Syring noted that the only meeting for him and Director Wall had already discussed.

Capital Projects

Director Wall shared that the Capital Projects Committee met and discussed options for bond money and what the District was going to do for the Administration building and space.

Chief Charlton noted that the District received county approval to reimburse itself for a number of capital improvement costs from the \$2.5 million that had been given back to the District from the Clackamas Town Center Urban Renewal District. There was a future meeting scheduled with Clackamas Community College to discuss the ground lease. He also noted he heard back from Clackamas County last week, and they would be open to extending the timeline for funds given to the Fire District. He shared that the District wanted to preserve options for years ahead.

Chief Charlton noted that the county had been asked if the District could use the funds in a different urban renewal area. He said they were still working through this request.

Foundation

Director Trotter shared that the Foundation met on July 23rd. He shared they had a request for funds for Food for Success from a counselor from Rowe Jr. High. He requested \$5,000, but the Foundation donated \$6,000 instead.

The next Foundation Dinner Auction would be held on March 14, 2020. He shared that very soon, people would be able to register for the event on the Foundation's new website.

Interagency Committee

President Syring shared that the Interagency Committee met with Estacada Fire District #69 (EFD) on Aug 5, 2019. They asked CFD1 for a full contract for services and what it would look like. They were interested in a two-year contract with the potential legal integration. It was noted

that they would probably vote half way through the contract in November 2020. They would also possibly schedule a work session in September or October.

Chief Charlton noted that another meeting was scheduled for September 17 at 3:00 pm with EFD. BC Deters had been working on a proposal for the contract for services. Staff met with all department heads to determine the cost for CFD1 and the impact of services. They were trying to assemble the best estimates. BC Deters put together a site visit to provide CFD1's staff with a better idea of the EFD infrastructure.

Chief Charlton shared that there was currently an intergovernmental agreement (IGA) with EFD that would end September 30, 2019.

BC Deters noted that at the meeting on Sept. 17, there would be several key questions that would need to be answered in order to proceed with submitting a true proposal.

Director Trotter expressed that based on the agreements CFD1 had with Boring Fire, the current IGA needed to be extended for a period of time to really plan a contract for service.

President Syring noted that one of the EFD Board members asked if CFD1 would be willing to extend the current IGA until contract for service could be completed for approval.

Chief Charlton shared that with Boring Fire, a joint work session was held to walk through the contract for services step-by-step.

Director Joseph shared that CFD1 needed to allow them time to work through things.

Director Cross noted he was very cautious about extensions, unless we are making positive progress.

Director Trotter noted that both sides needed to consider and discuss an extension of the IGA. He shared that a work session would be a good way to do this.

Director Wall agreed with Director Cross. She would be willing to go with a very short extension.

OB-3 Board Informational Updates/Comments

Director Cross noted that with Senate Bill 1049 and the ruling from PERS, he was guessing that more CFD1 employees might be retiring. He suggested that with the work backs and the retirements, there would be an increase of costs for CFD1. He asked if this had been factored into the current budget. Chief Charlton wasn't sure if this was factored into the current fiscal year budget. He noted that they have questions into PERS to get clarity and have also discussed the current policy. They have also reached out to labor to get their feedback and discuss policy.

X. INFORMATIONAL ONLY

A. Divisional Reports

R-1a Chief's Report

Chief Charlton noted that the fire danger level for the District went from high to moderate about a week ago. He added that staff was very concerned and watching it.

Chief Charlton shared that this Thursday night, August 22nd, would be First Responder Appreciation Night with Happy Valley. It would be held at Happy Valley Park. This year's focus was around law enforcement, but CFD1 was partnering with them to talk about water safety, Hands Only CPR, etc. Everyone was invited out to the concert in the park.

President Syring mentioned that the Chief had handed out the agenda for the Board Retreat on September 4th. If anyone had any changes or updates, to let Chief Charlton know.

President Syring suggested having a work session, possibly late fall, to discuss qualifications for the new Fire Chief.

R-1a.1 – Public Information Office

PIO Paxton gave a recap for Social Media. He provided the increase on the three social media platforms Twitter, Instagram and Facebook.

PIO Paxton shared that the District was rolling out a new internal communication plan to communicate more effectively.

PIO Paxton shared that it looked like the June 13th fire victim would make a complete recovery. The family had moved out of the Fire District, but Foundation funds were being used to help them establish a new home. Crew members were doing a great job and were still in contact with the family.

PIO Officer noted that they were entering this story into a competition. There would be a \$25,000 award for the best video that was submitted for a "Close before you Dose" campaign. This meant closing the door before going to sleep in a bedroom. PIO Paxton explained that closing a door was part of what helped save the life of this young man. The young man's family was on board and involved with this project.

Director Trotter asked if CFD1 is putting out any new information regarding the Feasibility Study in the newspaper. PIO Paxton would follow up with the newspaper writer and provide updated information.

R -1b Business Services Division

As submitted.

DC Whiteley noted that if anyone had any comments or thoughts for the succession planning, to send them to the Fire Chief or himself. He and DC Gehrke would be taking the lead on this.

Deputy Chief Whitley shared that after the last Board meeting, he had a phone conference with the reviewer for the annual compliance report for accreditation. They were happy with the document and were making recommendations. Today, he submitted the forms for the 2020 re-accreditation process.

DC Gehrke and FM Olson were both out of town. DC Whiteley was happy to answer any questions about their reports.

DC Whiteley thanked EM Ramirez for his work on emergency preparedness month and projects he had taken on. He also thanked him for his work on the CERT programs.

Director Wall shared that the Oak Grove CERT citizens really like Emergency Manager Ramirez as he had given several presentations to them.

R -1b.1 Business Services

As submitted.

R – 1b.2 Fire Prevention

Director Wall brought up that Fire Marshal Olson's report noted that there had been a huge spike in false alarms. She asked if there was an explanation for this. DC Whiteley shared that currently, they didn't have an answer to why the spikes were there. He noted that FM Olson would be looking into this.

R -1c Emergency Services Division

As submitted.

DC Hari shared that protocols had been re-worked at CCOM. The dispatchers had been given more opportunity to decide which resources were sent to a call. He shared that this was a breakthrough.

Director Wall asked about the final punch lists for Station 16 and Station 19. DC Hari explained that after crews had lived there, the crews were figuring out that there were things that needed to be corrected or fixed. DC Corless was getting cooperation from the contractors on these items.

R -1c.1 Emergency Medical Services/Training

As submitted.

Medical Services Battalion Chief Santos shared information about the Community Paramedic Program. They were trying to measure and quantify the impact this program has to our organization. One data collection point they found was the crew referral program. With this program, crews could identify a frequent user, or identify someone that had further needs outside the 9-1-1 system. To do this, they clicked a link to refer individuals to Community Paramedic

AmyJo Cook. They have collected 24 months of data. In that time, they have had 23 identified users, which made up 497 service delivery calls.

After Community Paramedic Cook had been in contact with these individuals, the call volume went down to 72. Community Paramedic Cook was developing great relationships around the community with various resources. She was getting the individual to the resources they needed to help them. Medical Services Battalion Chief Santos brought up a situation where Paramedic Cook was on vacation. In this situation, because of the relationships built with community services, the crew was able to get the individual the resources they needed.

President Syring asked to have Medical Services Battalion Chief Santos added to future agendas to share any information from his report.

R -1c.2 Financial Services

As submitted.

Finance Director Day reminded the group that there would be two years of fiscal year reports, Fiscal Year 2019 and Fiscal Year 2020. She would be providing both reports until the audit was completed.

R-1c.3 Operations

As submitted.

DC Corless highlighted two incidents that happened last month. On July 11th, BC Cordie responded with crews of the North Battalion to an apartment fire that was well involved. There was a firefighter injury on this call. On July 24th, BC Ellison responded with the Water Rescue Consortium and rescued seven people in the area of the Carver Cliffs.

Director Trotter asked about the mutual aid for EFD. DC Corless shared he would research the totals of what was provided. Discussion followed.

R-1c.4 Training Division

As submitted.

Director Cross asked when CFD #1 would be hiring again. It was noted that this was still being evaluated. DC Corless shared that staff was reviewing the number of retirements and would be looking at succession planning to help determine this.

R -1c.5 Volunteer Services

BC Deters noted that training this month focused on: Volunteer Instructor Class, Forcible Entry, Air Management and SCBA, Open Skills Practice Drill and Rehab Drill. Due to the July 4th holiday. On July 4th, the Volunteers attended the Happy Valley Parade.

BC Deters shared that everyone in the recruit class had completed their physical and psychological exams, background checks, etc. There would be 24 or 25 applicants beginning the Academy on September 12th.

BC Deters noted that the Explorers had similar training drills this month. 10 of the 14 Explorers also helped at the Happy Valley event.

BC Deters shared the station coverage for the month.

BC Deters shared that Battalion Chief Carlsen has been appointed to work with the Support Volunteers to help them and answer any questions they might have.

R-1c.6 Volunteer Association President's Report

Volunteer Association President Kragero noted that July kicked off their summer events that run strong through September.

- They had their all-Volunteer meeting.
- On July 4th, a group of Volunteers participated in the Happy Valley July 4th event. He discussed how the parade had evolved. The parade was now a six to eight block parade with thousands watching it. He noted that it was a great PR opportunity for the District. BC Carlsen did a great job overseeing the Volunteers at this event.
- Volunteers helped the Sherriff's office with a posse ride.
- Volunteers had a great time and helped with the Car Show on July 27th.

Volunteer Association President Kragero noted that their goal was to be able to be the face for the District so the stations could be manned for emergency situations. The Volunteers could be there for the public events.

Volunteer Association President Kragero brought up a great experience the other day, where Volunteer Firefighter, Rafal Toczyski interacted very well with a child at an event. Afterward, the mother sent in a thank you note to the city of Happy Valley.

Volunteer Association President Kragero noted how these community events provided a great way to interact with citizens and build a positive relationship.

B. Correspondence

Noted.

C. Informational Items

Noted.

D. Next Meeting

The next meeting would be on Monday, September 16, 2019 at 6:00 pm at Station 5.

IX. ADJOURNMENT

The regular board meeting was adjourned at 8:05 PM.

Karen Strejc
Executive Assistant

President Jim Syring

Secretary Jay Cross

Clackamas Fire District #1



**CLACKAMAS FIRE DISTRICT #1
PROCLAMATION 19-04
To Designate the Month of October 2019 as
Fire Prevention Month**

WHEREAS, Fire Prevention Month is a nationwide coordinated effort sponsored by the National Fire Protection Association each October to encourage the public to take steps to reduce the risk of fire in their homes; and

WHEREAS, Clackamas Fire District #1 is committed to ensuring the safety and security of all those living in and visiting the Fire District; and

WHEREAS, fire is a serious public safety concern both locally and nationally, and homes are the location where people are at the greatest risk from fire; and

WHEREAS, during the month of October, Clackamas Fire District #1 will encourage residents to take measures to make themselves and their families prepared for a fire; and

WHEREAS, by encouraging all employees and community members to recognize the importance of reducing the occurrence of home fires and home fire injuries through public education; and

WHEREAS, residents receive public education and are able to take actions to increase their safety from a fire in their home; and

WHEREAS, fire safety is the responsibility of every citizen within Clackamas Fire District #1 and all citizens are urged to make fire safety a priority by having working smoke alarms; and

WHEREAS, residents should install smoke alarms in every bedroom, outside each sleeping area, and on every level of the home; and

WHEREAS, residents should identify places in their home where fires can start and eliminate those hazards; and

THEREFORE, the Board of Directors of Clackamas County Fire District #1, do hereby proclaim the month of October 2019 as:

FIRE PREVENTION MONTH

With the theme “Not every hero wears a cape. PLAN and PRACTICE your ESCAPE!” the Board encourages the community to observe this month with applicable programs and activities.

Adopted this date, September 16, 2019.

President, Board of Directors

Secretary/Treasurer, Board of Directors

Memo

TO: Board of Directors
Fire Chief Charlton

FROM: Emergency Manager Ramirez

DATE: September 16, 2019

RE: Natural Hazard Mitigation Plan

Action Requested

Staff requests the Board of Directors adopt the Clackamas Fire District #1 Addendum to the Clackamas County Multi-Jurisdictional Hazard Mitigation Plan.

Background

The Oregon Partnership for Disaster Resilience (OPDR) at the University of Oregon, worked with Clackamas County Emergency Managers to develop a Natural Hazard Mitigation Plan (NHMP). The Disaster Mitigation Act of 2000 and the regulations contained in 44 CFR 201, require that jurisdictions maintain an approved NHMP to receive federal funds for mitigation projects.

The plan considered the frequency of occurrence of regional hazards and considered the county's vulnerability to those hazards. The NHMP mission is: *Promote sound public policy designed to protect citizens, critical infrastructure, private property, and the environment from natural hazards.* This can be achieved by increasing public awareness, documenting the resources for risk reduction and loss-prevention, and identifying activities to guide the county towards building a safer, and more sustainable community.

The Fire District concurs with the goals developed during the Clackamas County planning process.

Clackamas County is at risk of experiencing several types of natural hazards. The Fire District's Hazard Mitigation Advisory Committee (HMAC) developed the hazard vulnerability assessment (HVA), using the County's HVA as a reference. Changes from the County's HVA were made where appropriate to reflect distinctions in vulnerability and risk from natural hazards unique to the District.

Recommendation and Why

Staff recommends the Board of Directors adopt the Clackamas Fire District #1 Addendum to the Clackamas County Multi-Jurisdictional Hazard Mitigation Plan. Adoption of the plan will serve as a guide for the District's preparation, response and recovery to natural disasters. Adoption of the plan will also ensure the District's ability to receive federal funds for mitigation projects.

Clackamas Fire District #1 Addendum to the Clackamas County Multi-Jurisdictional Hazard Mitigation Plan



Photo Credit: Clackamas Fire District #1

March 2019

Volume II: Clackamas Fire District #1 Addendum



CLACKAMAS FIRE DISTRICT #1

Prepared for:

Clackamas Fire District #1

Prepared by:

University of Oregon
Institute for Policy Research and Engagement
Oregon Partnership for Disaster Resilience

Planning grant funding provided by:



FEMA

Federal Emergency Management Agency (FEMA)
Pre-Disaster Mitigation Program
Grant: EMS-2017-PC-0005
Sub-grant Application Reference: PDMC-PL-10-OR-2016-001, and

Additional Support Provided by:



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Purpose

The Clackamas Fire District #1 (CFD, Fire District) addendum to the Clackamas County Multi-Jurisdictional Natural Hazard Mitigation Plan (NHMP) was completed in 2019. This addendum supplements information contained in Volume I (Basic Plan) which serves as the NHMP foundation and Volume III (Appendices) which provide additional information. This addendum meets the following requirements:

- Multi-Jurisdictional **Plan Adoption** §201.6(c)(5),
- Multi-Jurisdictional **Participation** §201.6(a)(3),
- Multi-Jurisdictional **Mitigation Strategy** §201.6(c)(3)(iv) and
- Multi-Jurisdictional **Risk Assessment** §201.6(c)(2)(iii).

Clackamas Fire District #1 adopted their addendum to the Clackamas County Multi-jurisdictional NHMP on [Month] [Day], 2019. FEMA Region X approved the Clackamas County NHMP on April 12, 2019 and the Fire District's addendum on [Month] [Day], 2019. With approval of this NHMP the Fire District is now eligible to apply for the Robert T. Stafford Disaster Relief and Emergency Assistance Act's hazard mitigation project grants through April 11, 2024.

Mitigation Plan Mission

The NHMP mission states the purpose and defines the primary functions of the NHMP. It is intended to be adaptable to any future changes made to the NHMP and need not change unless the community's environment or priorities change.

The Fire District concurs with the mission statement developed during the Clackamas County planning process (Volume I, Section 3):

Promote sound public policy designed to protect citizens, critical facilities, infrastructure, private property, and the environment from natural hazards.

This can be achieved by increasing public awareness, documenting the resources for risk reduction and loss-prevention, and identifying activities to guide the county towards building a safer, more sustainable community.

Mitigation Plan Goals

Mitigation plan goals are more specific statements of direction that Clackamas County citizens, and public, and private partners can take while working to reduce the Fire District's risk from natural hazards. These statements of direction form a bridge between the broad mission statement, and serve as checkpoints, as agencies, and organizations begin implementing mitigation action items.

The Fire District concurs with the goals developed during the Clackamas County planning process (Volume I, Section 3). All NHMP goals are important and are listed below in no order of priority. Establishing community priorities within action items neither negates nor eliminates any goals, but it establishes which action items to consider implementing first, should funding become available.

Below is a list of the NHMP goals:

GOAL #1: PROTECT LIFE AND PROPERTY

- Implement activities that assist in protecting lives by making homes, businesses, infrastructure, critical facilities, and other property more resistant to natural hazards.
- Reduce losses and repetitive damages for chronic hazard events while promoting insurance coverage for catastrophic hazards.
- Improve hazard assessment information to make recommendations for discouraging new development and encouraging preventative measures for existing development in areas vulnerable to natural hazards.

GOAL #2: ENHANCE NATURAL SYSTEMS

- Balance watershed planning, natural resource management, and land use planning with natural hazards mitigation to protect life, property, and the environment.
- Preserve, rehabilitate, and enhance natural systems to serve natural hazard mitigation functions.

GOAL #3: AUGMENT EMERGENCY SERVICES

- Establish policy to ensure mitigation projects for critical facilities, services, and infrastructure.
- Strengthen emergency operations by increasing collaboration and coordination among public agencies, non-profit organizations, and business, and industry.
- Coordinate and integrate natural hazards mitigation activities, where appropriate, with emergency operations plans and procedures.

GOAL #4: ENCOURAGE PARTNERSHIPS FOR IMPLEMENTATION

- Strengthen communication and coordinate participation among and within public agencies, citizens, non-profit organizations, business, and industry to gain a vested interest in implementation.
- Encourage leadership within public and private sector organizations to prioritize and implement local, county, and regional hazard mitigation activities.

GOAL #5: PROMOTE PUBLIC AWARENESS

- Develop and implement education and outreach programs to increase public awareness of the risks associated with natural hazards.
- Provide information on tools, partnership opportunities, and funding resources to assist in implementing mitigation activities.

NHMP Process, Participation and Adoption

This section of the NHMP addendum addresses 44 CFR 201.6(c)(5), *Plan Adoption* and 44 CFR 201.6(a)(3), *Participation*.

This Clackamas Fire District #1 addendum was added to the Clackamas County NHMP in 2019. In addition to establishing a comprehensive community-level mitigation strategy, the Disaster Mitigation Act of 2000 (DMA2K), and the regulations contained in 44 CFR 201, require that jurisdictions maintain an approved NHMP to receive federal funds for mitigation projects. Local adoption, and federal approval of this NHMP ensures that the Fire District will remain eligible for pre- and post-disaster mitigation planning and project grants.

The Oregon Partnership for Disaster Resilience (OPDR) at the University of Oregon's Institute for Policy Research and Engagement (IPRE) collaborated with the Oregon Office of Emergency Management (OEM) to update Clackamas County's NHMP which included the development of the Clackamas Fire District #1 addendum. This project is funded through the Federal Emergency Management Agency's Pre-Disaster Mitigation (PDM) Competitive Grant Program EMS-2017-PC-0005 (PDMC-PL-10-OR-2016-001). Members of the Clackamas Fire District #1 NHMP Hazard Mitigation Advisory Committee (HMAC) also participated in the County NHMP update process (Volume III, Appendix B).

The Clackamas County NHMP and Clackamas Fire District #1 addendum, are the result of a collaborative effort between citizens, public agencies, non-profit organizations, the private sector and regional organizations. The Clackamas Fire District #1 HMAC guided the process of developing their NHMP addendum.

Convener

Clackamas Fire District #1's Emergency Manager served as the designated convener of the NHMP development and will take the lead in implementing, maintaining and updating the addendum to the Clackamas County NHMP in collaboration with the designated convener of the Clackamas County NHMP (Clackamas County Resilience Coordinator).

Representatives from the Clackamas Fire District #1 HMAC met formally and informally, to discuss updates to their addendum (Volume III, Appendix B). This addendum reflects decisions made at the designated meetings and during subsequent work and communication between the Fire District's convener and OPDR.

The Clackamas Fire District #1 HMAC was comprised of the following representatives:

- Convener, Gregg Ramirez, Emergency Manager
- Fred Charlton – Fire Chief
- Doug Whiteley – Deputy Fire Chief (Business Services)
- Ryan Hari – Deputy Fire Chief (Operations)
- Stephanie Walker (Administrative Technician)

Public participation was achieved with the establishment of the HMAC, which was comprised of Fire District officials representing different divisions and members of the public. The HMAC served as the local review body for the NHMP's development. Community members were provided an opportunity for comment via the NHMP review process, and through a survey administered by Clackamas County (Volume III, Appendix G).

NHMP Implementation and Maintenance

The CFD Board of Directors will be responsible for adopting the Clackamas Fire District #1 addendum to the Clackamas County NHMP. This addendum designates the HMAc, and a convener to oversee the development, and implementation of action items. Because the Fire District addendum is part of the County's multi-jurisdictional NHMP, the Fire District will look for opportunities to partner with the County. The Fire District's HMAc will convene after re-adoption of the Clackamas Fire District #1 NHMP addendum on an annual schedule. The County is meeting on a semi-annual basis and will provide opportunities for the cities and Fire District to report on NHMP implementation, and maintenance during their meetings. The CFD Emergency Manager will serve as the convener and will be responsible for assembling the HMAc. The HMAc will be responsible for:

- Reviewing existing action items to determine suitability of funding;
- Reviewing existing, and new risk assessment data to identify issues that may not have been identified at NHMP creation;
- Educating, and training new HMAc members on the NHMP, and mitigation actions in general;
- Assisting in the development of funding proposals for priority action items;
- Discussing methods for continued public involvement; and
- Documenting successes, and lessons learned during the year.

The convener will also remain active in the County's implementation, and maintenance process (Volume I, Section 4).

The Fire District will utilize the same action item prioritization process as the County (Volume I, Section 4).

Implementation through Existing Programs

This NHMP is strategic and non-regulatory in nature, meaning that it does not necessarily set forth any new policy. It does, however, provide: (1) a foundation for coordination and collaboration among agencies and the public in the Fire District; (2) identification and prioritization of future mitigation activities; and (3) aid in meeting federal planning requirements and qualifying for assistance programs. The mitigation plan works in conjunction with other Fire District plans and programs including their [Strategic Business Plan](#) and the [Clackamas County Community Wildfire Protection Plan](#) as well as the [Clackamas County NHMP](#), and the [State of Oregon NHMP](#).

The mitigation actions described herein (and in Attachment A) are intended to be implemented through existing plans and programs within the Fire District. Plans and policies already in existence have support from district residents, businesses, and policy makers. Where possible, Clackamas Fire District #1 will implement the NHMP's recommended actions through existing plans and policies. Many land-use and strategic plans get updated regularly, allowing them to adapt to changing conditions and needs. Implementing the NHMP's action items through such plans and policies increases their likelihood of being supported and implemented. Implementation opportunities are further defined in action items when applicable.

Future development without proper planning may result in worsening problems associated with natural hazards. In addition, Metro, the regional government for Clackamas, Multnomah, and Washington counties, determines many land use laws for the tri-county region and sets the urban growth boundary. The entire Portland Metro area is subject to tremendous growth pressures due to its desirable location and the restrictions on urban sprawl placed by urban growth boundary requirements.

Clackamas Fire District #1 currently has the following plans that relate to natural hazard mitigation: [Clackamas County Community Wildfire Protection Plan](#); [Clackamas Fire District #1 \(CFD#1\)](#) and [Strategic Business Plan](#). For a complete list visit the Fire Districts [website](#).

Governance Structure

Clackamas Fire District #1 is governed by a Board of Directors. The Board of Directors consists of five members elected to staggered four-year terms by voters within the CFD #1 Service Area (Figure CFD-1). The Board of Directors is responsible for identifying problems and opportunities within the Fire District and then addressing those issues through policy. The Board of Directors, in turn hire a fire chief, who serves as the administrative head of the Fire District.

The following divisions within the fire district have a role in natural hazards mitigation:

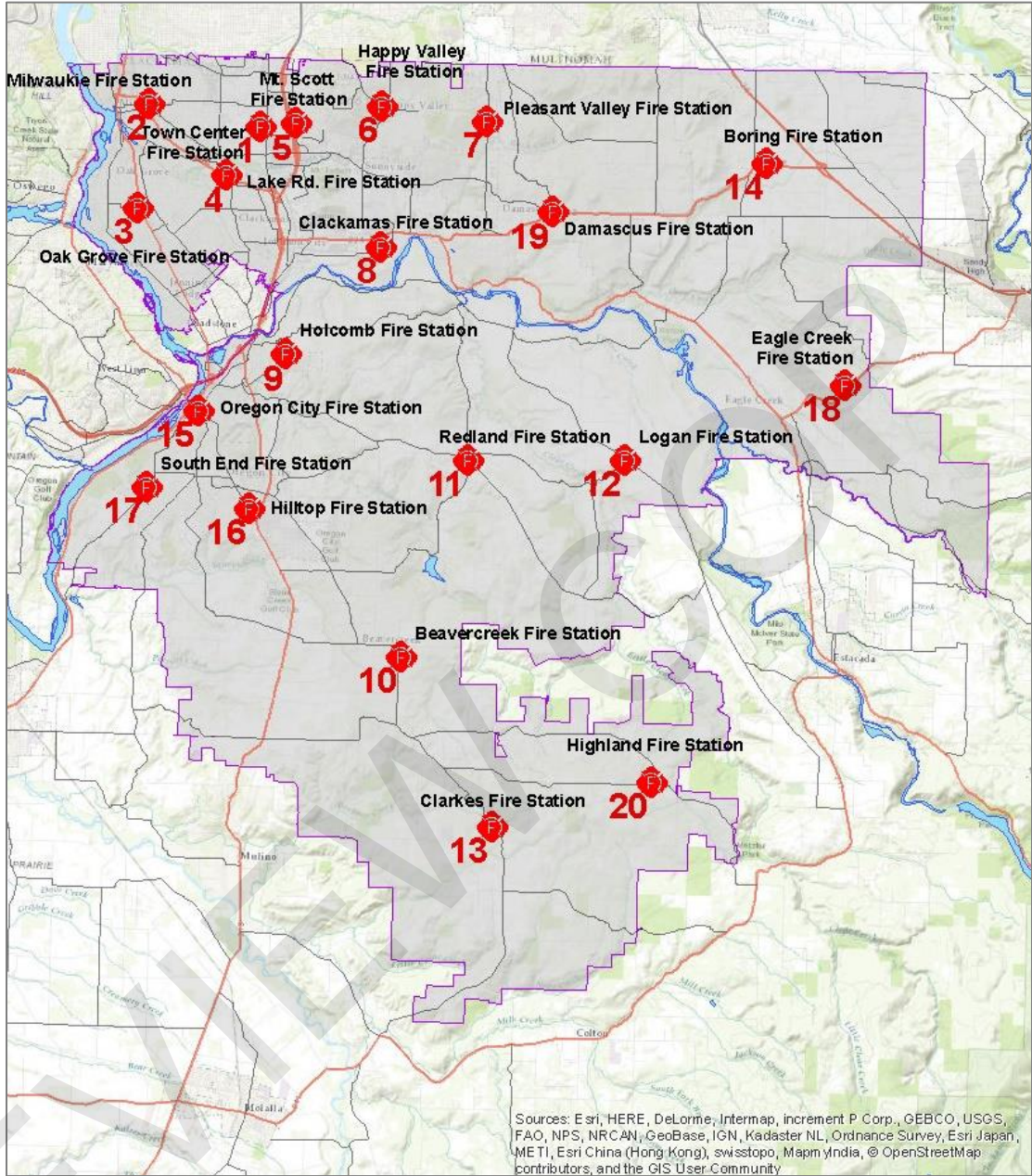
The **Emergency Services Division** includes departments responsible for emergency response, fire suppression, and related function. It includes highly skilled and cross trained firefighter/paramedics and firefighters (EMTs) that respond to medical emergency alarms. The division consists of 156 paramedics, 13 EMT Intermediates, and over 50 EMT Basics.

The **Fleet Division** is responsible for maintaining the fleet of fire and emergency apparatus and staff vehicles. The division also maintains and repairs apparatus and vehicles from the Canby and Gladstone fire departments through intergovernmental agreements.

The **Financial Services Division** is responsible for strategic financial planning, financial reporting, and accounting. Tasks of the division include financial forecasting and planning, budget development and administration, financial reporting, general accounting, payroll, and debt management.

The **Business Services Division** is comprised of support departments including Fire Prevention and the Fire Marshal's Office, Information Technology, Human Resources, Data Management, and Administration. The division provides administrative support to other divisions and provides public education and community involvement regarding fire prevention and medical aid.

Figure CFD-I Clackamas Fire District #1 Service Area Map



Source: Clackamas Fire District #1

Continued Public Participation

An open public involvement process is essential to the development of an effective NHMP. To develop a comprehensive approach to reducing the effects of natural disasters, the planning process shall include opportunities for the public, neighboring communities, local, and regional agencies, as well as, private, and non-profit entities to comment on the NHMP during review.¹ Keeping the public informed of efforts to reduce its risk to future natural

¹ Code of Federal Regulations, Chapter 44. Section 201.6, subsection (b). 2015

hazard events is important for successful NHMP implementation, and maintenance. As such, the Fire District is committed to involving the public in the NHMP review and update process (Volume I, Section 4). The Fire District posted the plan update for public comment before FEMA approval, and after approval will maintain the plan on the Fire District's website: <http://www.clackamasfire.com/>

NHMP Maintenance

The Clackamas County Multi-Jurisdictional Natural Hazard Mitigation Plan (NHMP) and Fire District addendum will be updated every five years in accordance with the update schedule outlined in the Disaster Mitigation Act of 2000. During the County NHMP update process, the Fire District will also review and update its addendum. The convener will be responsible for convening the HMAC to address the questions outlined below.

- Are there new partners that should be brought to the table?
- Are there new local, regional, state or federal policies influencing natural hazards that should be addressed?
- Has the community successfully implemented any mitigation activities since the NHMP was last updated?
- Have new issues or problems related to hazards been identified in the community?
- Are the actions still appropriate given current resources?
- Have there been any changes in development patterns that could influence the effects of hazards?
- Have there been any significant changes in the community's demographics that could influence the effects of hazards?
- Are there new studies or data available that would enhance the risk assessment?
- Has the community been affected by any disasters? Did the NHMP accurately address the impacts of this event?

These questions will help the HMAC determine what components of the mitigation plan need updating. The HMAC will be responsible for updating any deficiencies found in the NHMP.

Mitigation Strategy

This section of the NHMP addendum addresses 44 CFR 201.6(c)(3)(iv), *Mitigation Strategy*.

The Fire District's mitigation strategy (action items) were developed during the 2019 NHMP planning process. During this process, the HMAC assessed the Fire District's risk, identified potential issues, and developed a mitigation strategy (action items).

Priority Action Items

Table CFD-1 presents a list of mitigation actions. The HMAC decided to prioritize action items to reflect current conditions (risk assessment), needs, and capacity. High priority actions are shown in **bold** text with grey highlight. The Fire District will focus their attention, and resource availability, upon these achievable, high leverage, activities over the next five-years. Although this methodology provides a guide for the HMAC in terms of implementation, the HMAC has the option to implement any of the action items at any time. This option to consider all action items for implementation allows the committee to consider mitigation strategies as new opportunities arise, such as capitalizing on funding

sources that could pertain to an action item that is not currently listed as the highest priority. Refer to Attachment A for detailed information for each action. Full text of the plan goals referenced in Table CFD-1 is located on page CFD-2.

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Table CFD-I Clackamas Fire District #1 Action Items

Natural Hazard Action ID	Action Item	Coordinating Organization (Lead)	Internal Partners	Timing	Plan Goals Addressed				
					Goal 1	Goal 2	Goal 3	Goal 4	Goal 5
MH#1	Develop new and continue to enhance education programs aimed at mitigating natural hazards and reducing risk.	Emergency Management	Business Services	Ongoing	✓		✓	✓	✓
EQ#1	Continue to conduct seismic evaluations and start projects implementing appropriate structural and non-structural mitigation strategies.	Facilities	Emergency Services	Long Term	✓			✓	✓
SW#1	Continue to ensure that all response vehicles have chains for driving on snow and ice.	Fleet Services	Business Services	Short Term			✓	✓	
SW#2	Continue to coordinate with the County and Cities to make stations a priority for plowing and ensure up-to-date knowledge of plowing routes.	Emergency Management	Business Services	Short Term	✓		✓	✓	✓
WF#1	Continue to coordinate wildfire mitigation action items through the Clackamas County Community Wildfire Protection Plan.	Fire Prevention	Business Services, Emergency Services	Ongoing	✓	✓	✓	✓	✓
WF#2	Continue to promote legal, safe, and responsible debris burning through public outreach and education.	Fire Prevention	Business Services	Short Term	✓	✓		✓	✓
WF#3	Continue to promote fire-resistant strategies for new and existing developments.	Fire Prevention	Business Services	Short Term	✓			✓	✓
WF#4	Continue to increase participation in land use reviews of residential structures in the Timber/Agriculture Zone.	Fire Prevention	Business Services	Long Term	✓			✓	✓

Natural Hazard Action ID	Action Item	Coordinating Organization (Lead)	Internal Partners	Timing	Plan Goals Addressed				
					Goal 1	Goal 2	Goal 3	Goal 4	Goal 5
WF#5	Continue to conduct a Community Meeting to educate community on defensible space, and measures that can be taken to reduce structural ignitability. Consider creating Firewise/USA Communities here.	Fire Prevention	Business Services	Short Term	✓	✓		✓	✓
WF#6	Continue to obtain structural ignitability data by conducting structural triage assessment data collection (including GPS points) for homes in Communities at Risk.	Fire Prevention	Business Services	Ongoing	✓			✓	✓

Source: Clackamas Fire District #1 HMAAC, 2018.

Note: Full text of the plan goals referenced in this table is located on page CFD-2.

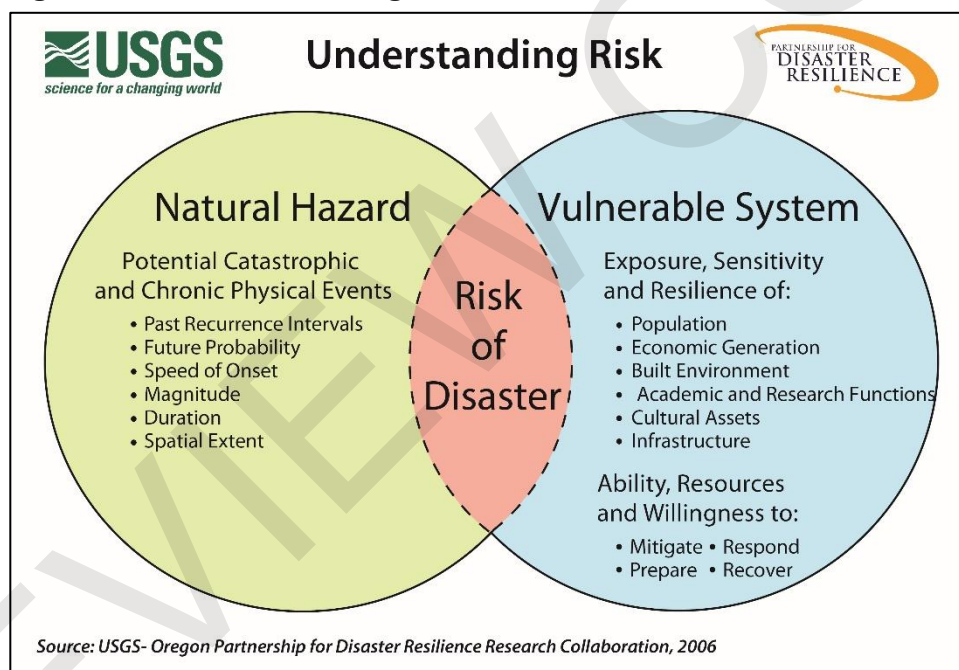
Risk Assessment

This section of the NHMP addendum addresses 44 CFR 201.6(b)(2) - Risk Assessment. Assessing natural hazard risk has three phases:

- **Phase 1:** Identify hazards that can impact the jurisdiction. This includes an evaluation of potential hazard impacts – type, location, extent, etc.
- **Phase 2:** Identify important community assets, and system vulnerabilities. Example vulnerabilities include people, businesses, homes, roads, historic places, and drinking water sources.
- **Phase 3:** Evaluate the extent to which the identified hazards overlap with or have an impact on, the important assets identified by the community.

The local level rationale for the identified mitigation strategies (action items) is presented herein, and within Volume I, Section 2, and Volume III, Appendix C. The risk assessment process is graphically depicted in Figure CFD-2. Ultimately, the goal of hazard mitigation is to reduce the area of risk, where hazards overlap vulnerable systems.

Figure CFD-2 Understanding Risk



Hazard Analysis

The Clackamas Fire District #1 HMA developed their hazard vulnerability assessment (HVA), using the County's HVA as a reference. Changes from the County's HVA were made where appropriate to reflect distinctions in vulnerability and risk from natural hazards unique to Clackamas Fire District #1, which are discussed throughout this addendum.

Table CFD-2 shows the HVA matrix for Clackamas Fire District #1 listing each hazard in order of rank from high to low. For local governments, conducting the hazard analysis is a useful step in planning for hazard mitigation, response and recovery. The method provides the jurisdiction with sense of hazard priorities but does not predict the occurrence of a hazard.

Two catastrophic hazards (Cascadia Subduction Zone earthquake and a Crustal earthquake event such as from the Portland Fault) and one chronic hazard (winter storm) rank as the top hazard threats to the Fire District (Top Tier). The windstorm, flood, and wildfire hazards comprise the next highest ranked hazards (Middle Tier), while volcanic event, landslide, extreme heat, and drought comprise the lowest ranked hazards (Bottom Tier).

Table CFD-2 Hazard Analysis Matrix – Clackamas Fire District #1

Hazard	Maximum				Total Threat Score	Hazard Rank	Hazard Tiers
	History	Vulnerability	Threat	Probability			
Earthquake - Cascadia	4	45	100	49	198	#1	Top Tier
Earthquake - Crustal	6	50	100	21	177	#2	
Winter Storm	10	35	70	56	171	#3	
Windstorm	14	25	50	56	145	#4	Middle Tier
Flood	16	25	50	49	140	#5	
Wildfire	8	20	40	56	124	#6	
Volcanic Event	2	35	50	14	101	#7	Bottom Tier
Landslide	14	15	20	35	84	#8	
Extreme Heat	2	20	40	14	76	#9	
Drought	2	10	20	28	60	#10	

Source: Clackamas Fire District #1 HMAC, 2018.

Table CFD-3 categorizes the probability, and vulnerability scores from the hazard analysis for the Fire District and compares the results to the assessment completed by the Clackamas County HMA. Variations between the Fire District and County are noted in **bold** text within the Fire District ratings.

Table CFD-3 Probability and Vulnerability Comparison

Hazard	CFD #1		Clackamas County	
	Probability	Vulnerability	Probability	Vulnerability
Drought	Moderate	Low	High	Low
Earthquake - Cascadia	Moderate	High	Moderate	High
Earthquake - Crustal	Low	High	Low	High
Extreme Heat	Low	Moderate	Low	High
Flood	Moderate	Moderate	High	Moderate
Landslide	Moderate	Low	High	Low
Volcanic Event	Low	Moderate	Low	Moderate
Wildfire	High	Moderate	High	Moderate
Windstorm	High	Moderate	Moderate	Low
Winter Storm	High	Moderate	Moderate	Moderate

Source: Clackamas Fire District #1 HMA, 2018.

Community Characteristics

Table CFD-4 and the following section provides information on Fire District specific demographics and assets. Many of these community characteristics can affect how natural hazards impact communities and how communities choose to plan for natural hazard mitigation. Considering the Fire District specific assets during the planning process can assist in identifying appropriate measures for natural hazard mitigation. Between 2010 and 2016 the service area grew by 12,567 people² (6%) and median household income remained stable.³ New development has complied with the standards of the [Oregon Building Code](#) per County and city development codes.

Transportation/Infrastructure

Transportation has played a major role in shaping the communities within the service area of the Fire District. Interstate 205 runs from the western edge through the Fire District and north; State Highway 99E (or McLoughlin Blvd.) runs along the western border of the Fire District; Highway 213 runs north to south through the central part of the Fire District; Highway 212/224 runs from Interstate 205 east towards the Fire Districts eastern boundary.

Today, mobility plays an important role in the area and the daily experience of its residents and businesses as they move from point A to point B. Motor vehicles represent the dominant mode of travel through, and within the Fire District. Most communities within the Fire District's service area are provided public transportation by Tri-Met which provides daily local bus services to numerous community transit centers. The Fire District's service area is also accessed by the Union Pacific Railroad main line and Amtrak, which travels northeast to southwest carrying both passengers and freight.

Economy

The Fire District is located within the greater Portland region, resulting in easy access to downtown Portland and surrounding communities. Fire District service area residents are mostly employed in professional and related occupations.⁴ In 2016, the average per capita income for residents is \$31,198.⁵ The top economic sectors are Educational Services, and Health Care and Social Assistance; Retail Trade; and Manufacturing.⁶

For additional information on the characteristics of the Fire District, in terms of geography, environment, population, demographics, employment and economics, as well as housing and transportation see Volume II addenda for the cities of Happy Valley, Johnson City, Milwaukie, and Oregon City, and Volume III, Appendix C, *Community Profile*. Many of these community characteristics can affect how natural hazards impact communities and how communities choose to plan for natural hazard mitigation.

² U.S. Census Bureau, 2006-2010 and 2012-2016 American Community Survey Estimates. Census data for the Fire District aggregated at the tract level – see description under Table CFD-4 for more information.

³ Social Explorer, Table T57, U.S. Census Bureau, 2006-2010 and 2012-2016 American Community Survey Estimates.

⁴ Social Explorer, Table B17008, U.S. Census Bureau, 2012-2016 American Community Survey Estimates.

⁵ Ibid. Table A14024.

⁶ Ibid. Table A17004.

Table CFD-4 Community Characteristics

Population Characteristics		
2010 Population	201,696	
2016 Population	214,263	
Race (non-Hispanic) and Ethnicity (Hispanic)		
White		82%
Black/ African American		1%
American Indian and Alaska Native		1%
Asian		5%
Native Hawaiian and Other Pacific Islander		< 1%
Some Other Race		< 1%
Two or More Races		3%
Hispanic or Latino		9%
Limited or No English Spoken		5%
Vulnerable Age Groups		
Less than 15 Years	8,743	4%
65 Years and Over	33,922	16%
Disability Status		
Total Population	27,068	13%
Children	2,147	5%
Seniors	11,810	35%
Income Characteristics		
Households by Income Category		
Less than \$15,000	6,670	8%
\$15,000-\$29,999	9,891	12%
\$30,000-\$44,999	10,516	13%
\$45,000-\$59,999	10,063	12%
\$60,000-\$74,999	9,405	12%
\$75,000-\$99,999	12,275	15%
\$100,000-\$199,999	18,659	23%
\$200,000 or more	3,735	5%
Median Household Income	\$64,749	
Poverty Rates		
Total Population	22,103	10%
Children	5,555	12%
Seniors	2,467	7%
Housing Cost Burden		
Owners with Mortgage	17,565	45%
Renters	12,816	49%

Source: U.S. Census Bureau, 2006-2010 and 2012-2016 American Community Survey Estimates. Census data for the Fire District aggregated at the tract level. Clackamas County Census tracts used for these estimates are: 208, 209, 210, 211, 212, 213, 214, 215, 216.01, 216.02, 217, 218.01, 218.02, 219, 220, 221.01, 221.03, 221.05, 221.07, 221.08, 222.01, 222.05, 222.06, 222.07, 222.08, 223.01, 223.02, 224, 225, 226.02, 226.03, 226.05, 226.06, 230.01, 230.02, 231, 232.01, 232.02, 233, 234.01, 235.

Housing Characteristics		
Housing Units		
Single-Family	60,831	71%
Multi-Family	18,009	21%
Mobile Homes	6,176	7%
Year Structure Built		
Pre-1970	24,042	30%
1970-1989	27,895	34%
1990 or later	29,277	36%
Housing Tenure and Vacancy		
Owner-occupied	55,225	65%
Renter-occupied	25,989	31%
Seasonal	228	< 1%
Vacant	3,689	4%

The Fire District's service area is near the southern limits of the Portland metro-area. The Fire District serves the cities of Happy Valley, Johnson City, Milwaukie, and Oregon City and the unincorporated areas of Barton, Beavercreek, Boring, Carus, Carver, Central Point, Clackamas, Clarkes, Damascus, Eagle Creek, Highland, Hillsview, Holcomb, Kelso, Jennings Lodge, Oak Grove, Redland, South End, Sunnyside, and Westwood.

The Fire District has grown in land area over the years as it merged with to provided expanded service levels and to expand the scope of services with the economies of scale of modern fire agencies. As of 2019, the Fire District covers nearly 235 square miles with 21 fire stations in urban, suburban, and rural areas.

Temperatures range from monthly average lows in the mid-30°F range in the winter months (December/January coldest) to average highs in the mid-80°F range in the summer months (July/August hottest). The average annual precipitation ranges within the district but is typically in the 40 to 50-inch range with most precipitation falling between October and April.

Community Assets

This section outlines the resources, facilities, and infrastructure that, if damaged, could significantly impact the public safety, economic conditions, and environmental integrity of Clackamas Fire District #1. It is important to note that the facilities identified as “critical” and “essential” are characterized differently than the structural code that identifies buildings as “essential” and “non-essential.” The structural code uses different language and criteria and therefore have completely different meanings than the buildings identified in this addendum. Considering the Fire District specific assets during the planning process can assist in identifying appropriate measures for natural hazard mitigation.

Critical Facilities

Facilities that are critical to government response, and recovery activities (i.e. life, safety, property, and environmental protection). These facilities include: 911 Centers, Emergency Operations Centers, Police, and Fire Stations, Public Works facilities, sewer, and water facilities, hospitals, bridges, roads, shelters, and more.

Table CFD-5 Critical Facilities in Clackamas Fire District #1

Facility	Drought	Earthquake	Extreme Heat	Flood	Landslide	Volcanic Event	Wildfire	Windstorm	Winter Storm
Critical Facilities									
Fire Stations									
Station 1 – Town Center									X
Station 2 – Milwaukie									X
Station 3 – Oak Grove									X
Station 4 – Lake Road				X					X
Station 5 – Mt Scott									X
Station 6 – Happy Valley					X				X
Station 7 – Pleasant Valley		X							X
Station 8 – Clackamas									X
Station 9 – Holcomb		X							X
Station 10 - Beavercreek									X
Station 11 – Redland					X				X
Station 12 – Logan									X
Station 13 – Clarkes		X					X		X
Station 14 – Boring									X
Station 15 – John Adams		X			X				X
Station 16 – Hilltop		X		X	X				X
Station 17 – South End									X
Station 18 – Eagle Creek		X			X		X		X
Station 19 - Damascus					X				X
Station 20 – Highland							X		X
Station 21 – Centennial Park									X

Essential Facilities

Facilities that are essential to the continued delivery of key government services, and/or that may significantly impact the public’s ability to recover from the emergency.

Table CFD-6 Essential Facilities in Clackamas Fire District #1

Facility	Drought	Earthquake	Extreme Heat	Flood	Landslide	Volcanic Event	Wildfire	Windstorm	Winter Storm
Essential Facilities									
Fleet Logistics									
Training and Wellness (Office)									
Training and Wellness (Facility)									
Administrative Building									
IT Building									

Hazard Characteristics

Drought

The HMAC determined that the Fire District’s probability for drought is **moderate** and that their vulnerability to drought is **low**.

Volume I, Section 2 describes the characteristics of drought hazards, history, as well as the location, extent and probability of a potential event. Due to the climate of Clackamas County, past and present weather conditions have shown an increasing potential for drought.

Vulnerability Assessment

Due to insufficient data and resources, Clackamas Fire District #1 is currently unable to perform a quantitative risk assessment, or exposure analysis, for this hazard. For a list of facilities and infrastructure vulnerable to this hazard see the Community Assets section. For specific information for communities within the Fire District’s service area see Volume I, Section 2 and the addenda for the cities of Happy Valley, Johnson City, Milwaukie, and Oregon City.

Mitigation Activities

The existing drought hazard mitigation activities are conducted at the county, regional, state, and federal levels and are described in the Clackamas County NHMP.

Please review Volume I, Section 2 for additional information on this hazard.

Earthquake (Cascadia Subduction Zone)

The HMAC determined that the Fire District's probability for a Cascadia Subduction Zone (CSZ) earthquake is **moderate** and that their vulnerability to a CSZ earthquake is **high**.

Volume I, Section 2 describes the characteristics of earthquake hazards, history, as well as the location, extent and probability of a potential event. Generally, an event that affects the County is likely to affect Clackamas Fire District #1 as well. The causes and characteristics of an earthquake event are appropriately described within the Volume I, Section 2 as well as the location and extent of potential hazards. Previous occurrences are well documented within Volume I, Section 2 and the community impacts described by the County would generally be the same for Clackamas Fire District #1 as well.

Within the Northern Willamette Valley/Portland Metro Region, three potential faults and/or zones can generate high-magnitude earthquakes. These include the Cascadia Subduction Zone, Portland Hills Fault Zone, and Gales Creek-Newberg-Mt. Angel Structural Zone (discussed in the crustal earthquake section).

Cascadia Subduction Zone

The Cascadia Subduction Zone is a 680-mile-long zone of active tectonic convergence where oceanic crust of the Juan de Fuca Plate is subducting beneath the North American continent at a rate of 4 cm per year. Scientists have found evidence that 11 large, tsunami-producing earthquakes have occurred off the Pacific Northwest coast in the past 6,000 years. These earthquakes took place roughly between 300 and 5,400 years ago with an average occurrence interval of about 510 years. The most recent of these large earthquakes took place in approximately 1700 A.D.⁷

Figure CFD-3 displays relative shaking hazards from a Cascadia Subduction Zone earthquake event. As shown in the figure, most of the Fire District is expected to experience very strong shaking (orange), while areas near rivers and streams will experience severe (light red) to violent (dark red) shaking in a CSZ event.

Ground shaking can mix groundwater and soil, liquefying and weakening the ground that supports buildings and severing utility lines. This is a special problem in low lying areas adjacent to rivers where the water table is shallow and the soils are subject to liquefaction. For example, the fine-grained alluvial soils along the banks of the Willamette and Clackamas Rivers and area creeks are likely subject to this hazard.

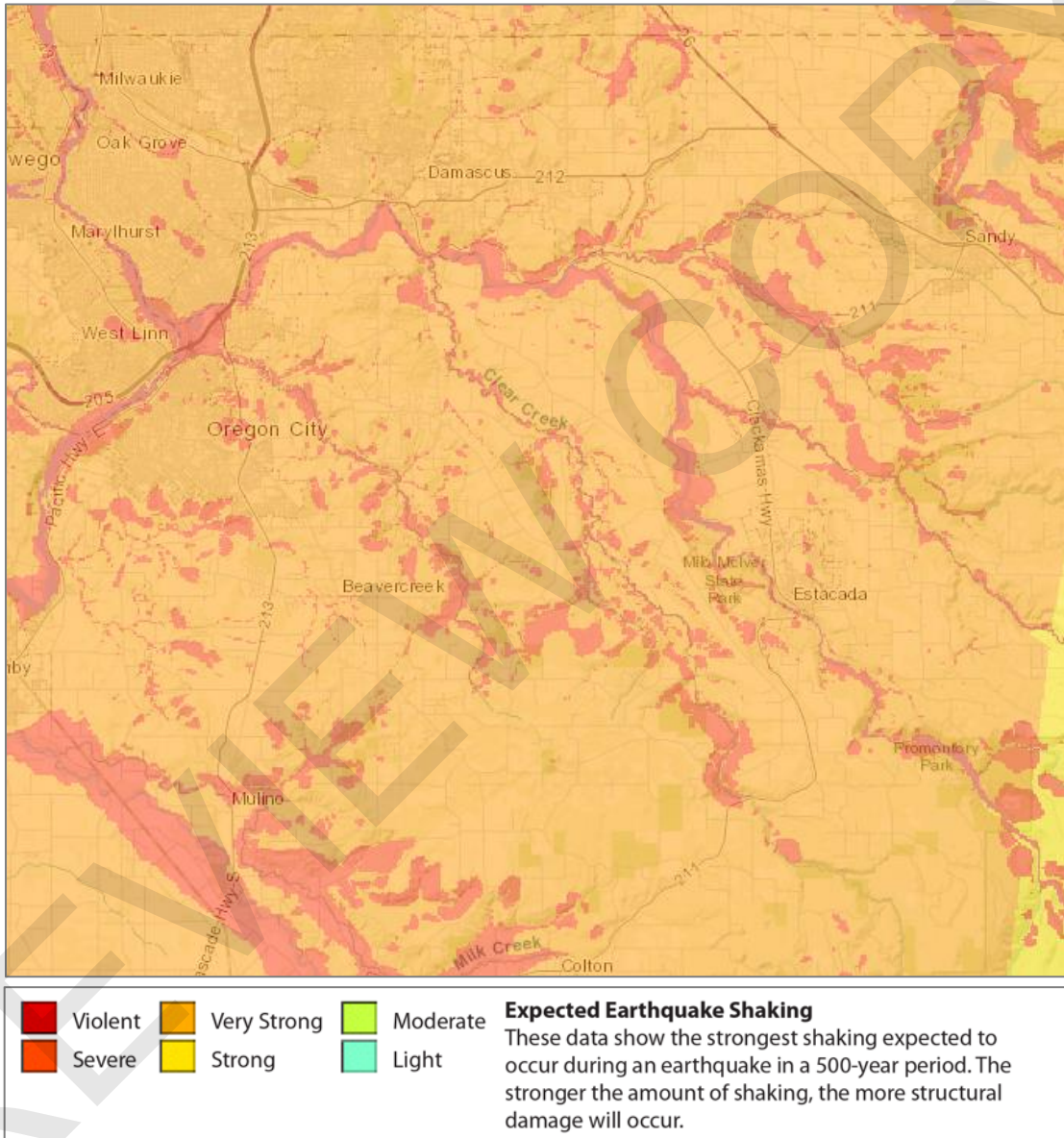
The Fire District's proximity to the Cascadia Subduction Zone, potential slope instability and the prevalence of certain soils subject to liquefaction and amplification combine to give the Fire District a high-risk profile. Due to the expected pattern of damage resulting from a CSZ event, the Oregon Resilience Plan divides the State into four distinct zones and places the Fire District predominately within the "Valley Zone" (Valley Zone, from the summit of the Coast Range to the summit of the Cascades). Within the Northwest Oregon region, damage and shaking is expected to be strong and widespread - an event will be disruptive to daily

⁷ The Cascadia Region Earthquake Workgroup, 2005. Cascadia Subduction Zone Earthquakes: A magnitude 9.0 earthquake scenario. <http://www.crew.org/PDFs/CREWSubductionZoneSmall.pdf>

life and commerce and the main priority is expected to be restoring services to business and residents.

Older buildings and the sewer system in the Fire District are most vulnerable to damage. Earthquakes shift soil that could cause landslides. Transportation routes and economic areas within the Fire District can also be affected. Demand on resources such as Emergency Service (Fire and Ambulance) would also increase.

Figure CFD-3 Cascadia Subduction Zone Expected Shaking



Source: [Oregon HazVu: Statewide Geohazards Viewer \(DOGAMI\)](#)

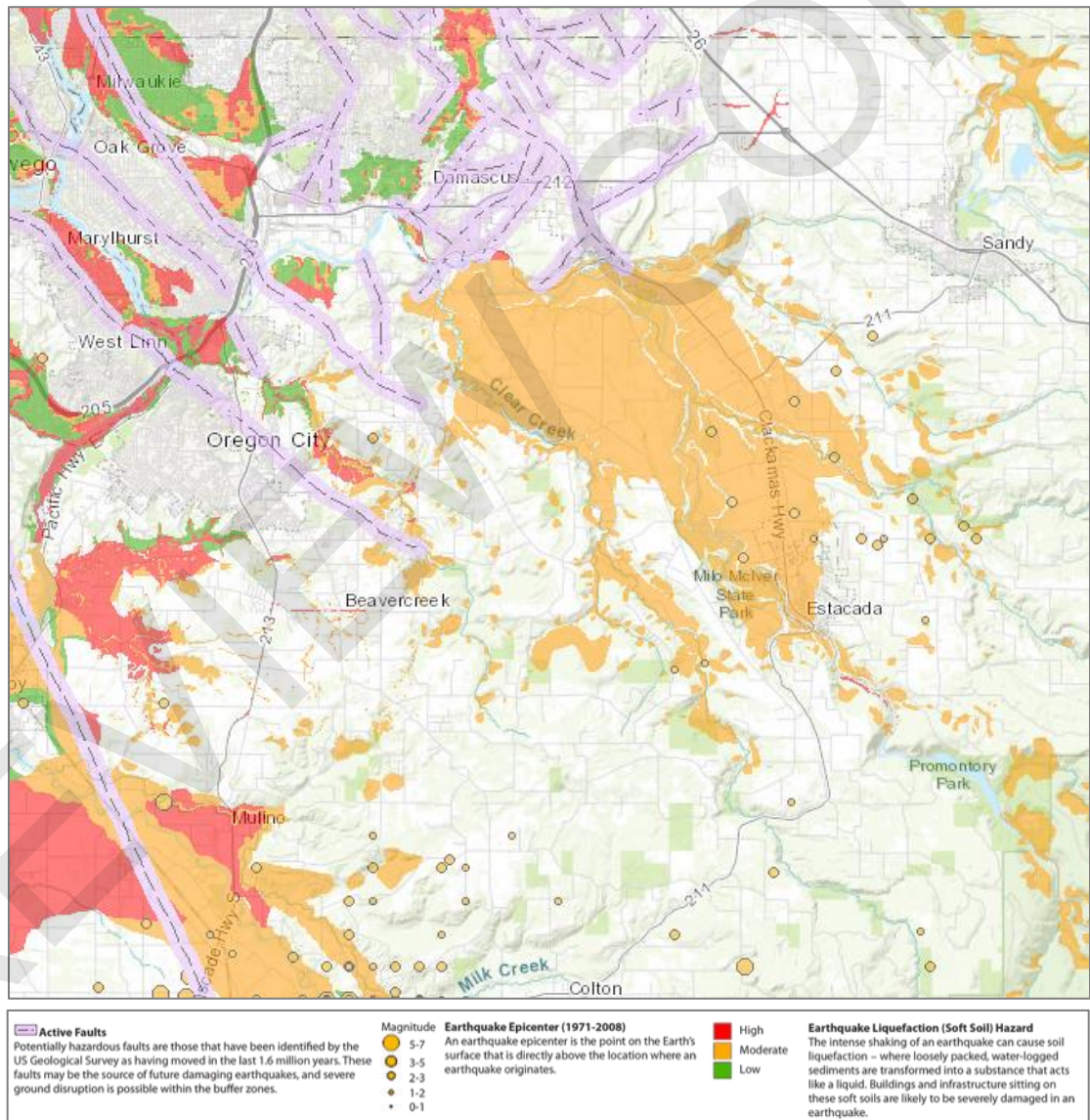
Note: To view detail click the link above to access Oregon HazVu.

Earthquake (Crustal)

The HMAc determined that the Fire District's probability for a crustal earthquake is **low** and that their vulnerability to crustal earthquake is **high**.

Volume I, Section 2 describes the causes and characteristics of earthquake hazards, history, as well as the location, extent, and probability of a potential event. Generally, an event that affects the County is likely to affect the Fire District as well. Figure CFD-4 shows a generalized geologic map of the Fire District service area that includes the areas for potential regional active faults, earthquake history (1971-2008), and soft soils (liquefaction) hazard. The figure shows the areas of greatest concern within the service area as red and orange.

Figure CFD-4 Active Crustal Faults, Epicenters (1971-2008), and Soft Soils



Source: [Oregon HazVu: Statewide Geohazards Viewer \(DOGAMI\)](#)

Note: To view detail click the link above to access Oregon HazVu

There are several potential crustal faults and/or zones near, or within, the Fire District's service area that can generate high-magnitude earthquakes. These include the Gales Creek-Mt. Angel Structural Zone, Bolton Fault, Oatfield Fault, Canby-Molalla structural zones, Damascus-Tickle Creek fault zone, and Portland Hills Fault Zone (discussed in greater detail below). Historical records count over 56 earthquakes in the Portland-metro area. The more severe ones occurred in 1877, 1880, 1953 and 1962. The most recent severe earthquake was the March 25, 1993 Scotts Mills quake. It was a 5.6 magnitude quake with aftershocks continuing at least through April 8.

Earthquake-induced damages are difficult to predict, and depend on the size, type, and location of the earthquake, as well as site-specific building, and soil characteristics. Presently, it is not possible to accurately forecast the location or size of earthquakes, but it is possible to predict the behavior of soil at any site. In many major earthquakes, damages have primarily been caused by the behavior of the soil.

Portland Hills Fault Zone

The Portland Hills Fault Zone is a series of NW-trending faults that vertically displace the Columbia River Basalt by 1,130 feet and appear to control thickness changes in late Pleistocene (approx. 780,000 years ago) sediment. The fault zone extends along the eastern margin of the Portland Hills for 25 miles and extends into the Fire District service area through Milwaukie and near Oregon City.

Vulnerability Assessment

Due to insufficient data and resources, Clackamas Fire District #1 is currently unable to perform a quantitative risk assessment for this hazard. However, in 2018 the Department of Geology and Mineral Industries (DOGAMI) completed a regional impact analysis for earthquakes originating from the Cascadia Subduction Zone and Portland Hills faults ([O-18-02](#)), findings from that report relevant to the Fire District's service area are provided in Volume I, Section 2 and within the addenda for the cities of Happy Valley, Johnson City, Milwaukie, and Oregon City.

Seismic building codes were implemented in Oregon in the 1970s, however, stricter standards did not take effect until 1991 and the early 2000s. As noted in the community profile, approximately 64% of residential buildings (primarily single-family residential) with the Fire District service area were built prior to 1990 (30% before 1970), which increases the service areas vulnerability to the earthquake hazard. Information on specific public buildings' (schools and public safety) estimated seismic resistance, determined by DOGAMI in 2007, is shown in Table CFD-7; each "X" represents one building within that ranking category. Of the Fire District facilities evaluated by DOGAMI using their Rapid Visual Survey (RVS), none have a very high (100% chance) or a high (greater than 10% chance) collapse potential.

Table CFD-7 Rapid Visual Survey Scores

Facility	Location	Site ID*	Level of Collapse Potential			
			Low (<1%)	Moderate (>1%)	High (>10%)	Very High (100%)
Station 1 – Town Center 11300 SE Fuller Rd (ca. 1983)	Milwaukie	Clac_fir09	X			
Station 2 – Milwaukie 3200 SE Harrison St (ca. 1993)	Milwaukie	Clac_fir26	X			
Station 3 – Oak Grove 2930 SE Oak Grove Blvd (ca. 1997)	Milwaukie	Clac_fir27	X			
Station 4 – Lake Road 6600 SE Lake Rd (ca. 1999)	Milwaukie	Clac_fir08	X			
Station 5 – Mt Scott 9339 SE Causey Ave (ca. 2003)	Happy Valley	None			<i>2007 RVS report did not include structural appendix for this facility.</i>	
Station 6 – Happy Valley 12901 SE King Rd (ca. 2000)	Happy Valley	Clac_fir13	X			
Station 7 – Pleasant Valley 10921 SE 172 nd (ca. 2004)	Happy Valley	None			<i>2007 RVS report did not include structural appendix for this facility.</i>	
Station 8 – Clackamas 16100 SE 130 th Ave (ca. 1985)	Happy Valley	Clac_fir11 Clac_fir12	X X			
Station 9 – Holcomb 300 Longview Way (ca. 1974)	Oregon City	Clac_fir29	X			
Station 10 - Beavercreek 22310 S Beavercreek Rd (ca. 2000)	County	Clac_fir14	X			
Station 11 – Redland 18265 S Redland Rd (ca. 2000)	County	Clac_fir25	X			
Station 12 – Logan 18081 S Harding Rd (ca. 1980)	County	Clac_fir24			Mitigated per 2013-2014 SRGP grant.	
Station 13 – Clarkes 25675 S Beavercreek Rd (ca. 1955)	County	Clac_fir04			Mitigated per 2013-2014 SRGP grant.	
Station 14 – Boring 28655 SE Hwy 212 (ca. 1969)	County	Clac_fir22	X			
Station 15 – John Adams 624 7t St (ca. 1998)	Oregon City	Clac_fir35	X			

Facility	Location	Site ID*	Level of Collapse Potential			
			Low (<1%)	Moderate (>1%)	High (>10%)	Very High (100%)
Station 16 – Hilltop 19340 Molalla Ave (ca. 2018)	Oregon City	Clac_fir36	Mitigated/rebuilt per 2013-2014 SRGP grant.			
Station 17 – South End 19001 South End Rd (ca. 2004)	Oregon City	Clac_fir51	X			
Station 18 – Eagle Creek 32200 SE Judd Rd (ca. 1999)	County	Clac_fir47	X			
Station 19 - Damascus 19750 SE Damascus Ln (ca. 2019)	County	None	<i>2007 RVS report did not include structural appendix for this facility.</i>			
Station 20 – Highland 22295 S Lower Highland (ca. 1960) – storage only	County	Clac_fir28	X			
Station 21 – Centennial Park 20100 SE Hwy 212 (ca. 1976)	County	Clac_fir46	X			

Source: [DOGAMI 2007. Open File Report 0-07-02. Statewide Seismic Needs Assessment Using Rapid Visual Assessment.](#) "*" – Site ID is referenced on the [RVS Clackamas County Map](#)

Note 1: **Bold** indicates facilities that have been seismically retrofitted or rebuilt.

For a list of additional facilities and infrastructure vulnerable to this hazard see the Community Assets section. In addition to building damages, utility (electric power, water, wastewater, natural gas) and transportation systems (bridges, pipelines) are also likely to experience significant damage. There is a low probability that a major earthquake will result in failure of upstream dams.

Utility systems will be significantly damaged, including damaged buildings and damage to utility infrastructure, including water treatment plants and equipment at high voltage substations (especially 230 kV or higher which are more vulnerable than lower voltage substations). Buried pipe systems will suffer extensive damage with approximately one break per mile in soft soil areas. There would be a much lower rate of pipe breaks in other areas. Restoration of utility services will require substantial mutual aid from utilities outside of the affected area.

Earthquake Regional Impact Analysis

In 2018 DOGAMI completed a regional impact analysis for earthquakes originating from the Cascadia Subduction Zone and Portland Hills faults ([O-18-02](#)). Their study focused on damage to buildings, and the people that occupy them, and to two key infrastructure sectors: electric power transmission and emergency transportation routes. Each earthquake was studied with wet and dry soil conditions and for events that occur during the daytime (2 PM) and night time (2 AM). Impacts to buildings and people were tabulated at the county, jurisdictional (city), and neighborhood unit level. Estimated damaged varied widely across the study area depending on local geology, soil moisture conditions, type of building, and distance from the studied faults. In general, damage from the Cascadia Subduction Zone

scenario was greater in the western portion of the study area, however, damage could still be significant in some areas east of the Willamette River. The report found that damage to high-value commercial and industrial buildings was high since many of these facilities are in areas of high to very high liquefaction hazard. Casualties were higher during the daytime scenario (generally double) since more people would be at work and occupying non-wood structures that fare worse in an earthquake. The Portland Hills fault scenario created greater damages than the Cascade Subduction Zone scenario due primarily to its placement relative to population centers and regional assets; however, at distances 15 or more miles from the Portland Hills fault the damages from the Cascadia Subduction Zone scenario generally were higher. In both the Cascadia Subduction Zone and Portland Hills Fault scenarios it is forecasted that emergency transportation routes will be fragmented, affecting the distribution of goods and services, conditions are worse under the Portland Hills Fault scenario. Portions of the electric distribution system are also expected to be impacted under both scenarios, however, the impact is considerably less than it is to the transportation routes. Additional, capacity or redundancy within the electric distribution network may be beneficial in select areas that are likely to have greater impacts. For specific information for communities within the Fire District's service area see Volume I, Section 2 and the addenda for the cities of Happy Valley, Johnson City, Milwaukie, and Oregon City.

Recommendations from the report included topics within Planning, Recovery, Resiliency: Buildings, Resiliency: Infrastructure Improvements, Resiliency: Essential and Critical Facilities, Enhanced Emergency Management Tools, Database Improvements, Public Awareness, and Future Reports. The recommendations of this study are largely incorporated within this NHMPs mitigation strategies (Table CFD-1 and Volume I, Section 3). For more detailed information on the report, the damage estimates, and the recommendations see: *Earthquake regional impact analysis for Clackamas, Multnomah, and Washington Counties, Oregon* (2018, [O-18-02](#)).

Mitigation Activities

Many buildings in Clackamas Fire District #1 have been seismically upgraded. A \$29 million general obligation bond was approved in 2015 and seismic retrofit grant awards per the [Seismic Rehabilitation Grant Program](#)⁸ were funded to retrofit Fire Station 12 (2013-2014 grant award, \$94,552), Fire Station 13 (2013-2014 grant award, \$71,582), and Fire Station #16 (2013-2014 grant award, \$483,062).

Please review Volume I, Section 2 for additional information on this hazard.

Flood

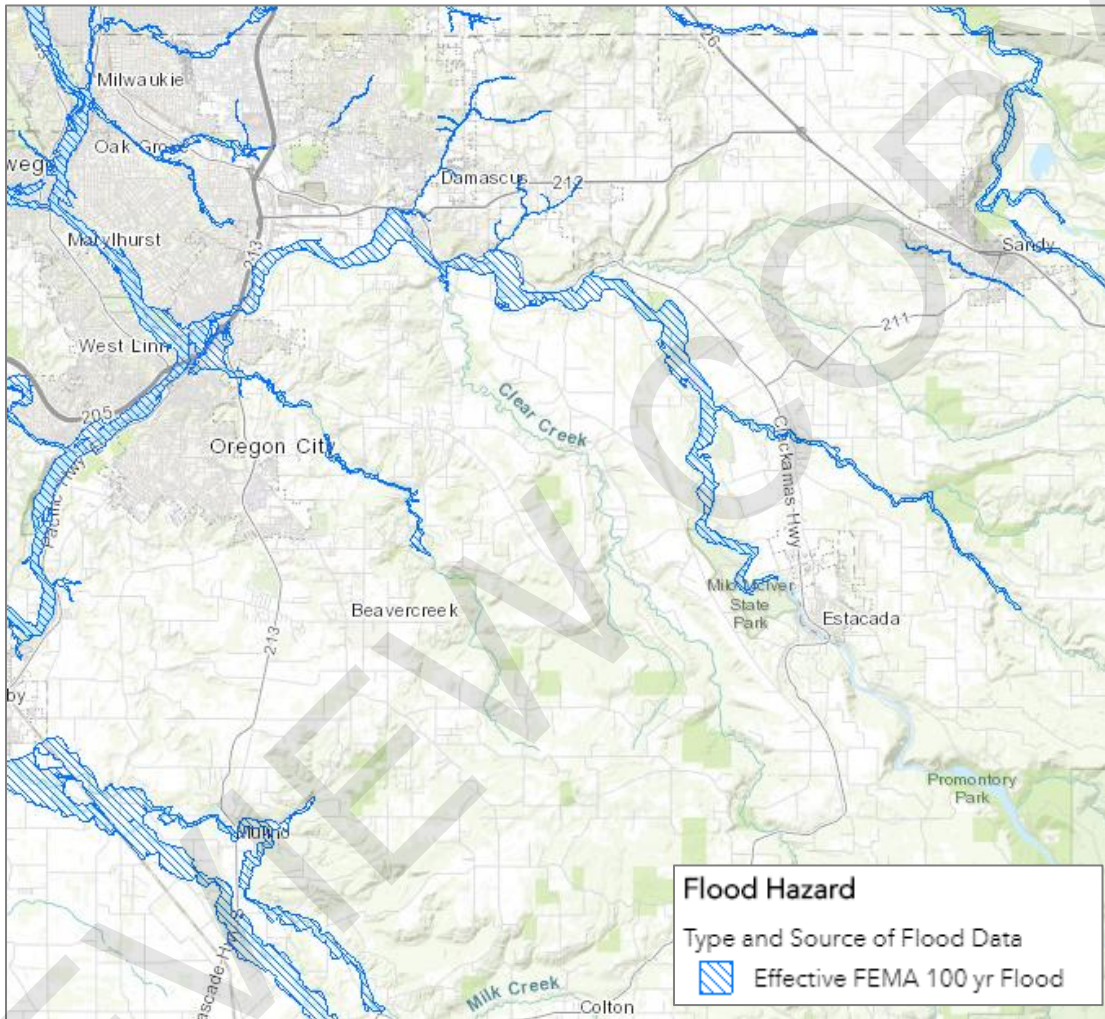
The HMAC determined that the Fire District's probability for flood is **moderate** and that their vulnerability to flood is **moderate**.

Volume I, Section 2 describes the characteristics of flood hazards, history, as well as the location, extent and probability of a potential event. Portions of Clackamas Fire District #1 have areas of floodplains (special flood hazard areas, SFHA). These include areas include

⁸ The Seismic Rehabilitation Grant Program (SRGP) is a state of Oregon competitive grant program that provides funding for the seismic rehabilitation of critical public buildings, particularly public schools and emergency services facilities.

along Willamette River, Clackamas River, and creeks within the service area (Figure CFD-5). Other portions of Clackamas Fire District #1, outside of the mapped floodplains, are also subject to flooding from local storm water drainage. Not all flood prone areas are subject to damage. Several valleys, such as the upper reaches of Abernethy Creek, are still in or near their natural state. Flooding of such areas causes no damage to human development and may help the riparian habitat.

Figure CFD-5 Special Flood Hazard Area



Source: [Oregon HazVu: Statewide Geohazards Viewer \(DOGAMI\)](#)

Note: To view detail click the link above to access Oregon HazVu

Vulnerability Assessment

Due to insufficient data and resources, Clackamas Fire District #1 is currently unable to perform a quantitative risk assessment for this hazard. Floods can have a devastating impact on almost every aspect of the community, including private property damage, public infrastructure damage and economic loss from business interruption. It is important for the Fire District to be aware of flooding impacts and assess its level of risk.

The economic losses due to business closures often total more than the initial property losses that result from flood events. Business owners and their employees are significantly

impacted by flood events. Direct damages from flooding are the most common impacts, but indirect damages, such as diminished clientele, can be just as debilitating to a business.

For mitigation planning purposes, it is important to recognize that flood risk for a community is not limited only to areas of mapped floodplains. Other portions of the Fire District outside of the mapped floodplains may also be at relatively high risk from over bank flooding from streams too small to be mapped by FEMA or from local storm water drainage.

Most of the buildings affected by flooding are in the lowest parts of the Fire District's service area. For a list of facilities and infrastructure vulnerable to this hazard see the Community Assets section. For specific information for communities within the Fire District's service area see Volume I, Section 2 and the addenda for the cities of Happy Valley, Johnson City, Milwaukie, and Oregon City.

National Flood Insurance Program (NFIP)

FEMA updated the Flood Insurance Study (FIS) and Flood Insurance Rate Maps (FIRMs) in 2018 (effective January 19, 2018). The Fire District is not a community which has authority to adopt and enforce floodplain management regulations for the areas within its jurisdiction. The cities of Happy Valley, Johnson City, Milwaukie, Oregon City and Clackamas County participate in the National Flood Insurance Program (NFIP).

There are no repetitive loss or severe repetitive loss properties owned or operated by the Fire District. For specific information for communities within the Fire District's service area see Volume I, Section 2 (Table 2.11 for more information) and the addenda for the cities of Happy Valley, Johnson City, Milwaukie, and Oregon City.

Mitigation Activities

The existing flood hazard mitigation activities are conducted at the city, county, regional, state, and federal levels and are described in the Clackamas County NHMP and city addenda.

Please review Volume I, Section 2 for additional information on this hazard.

Landslide

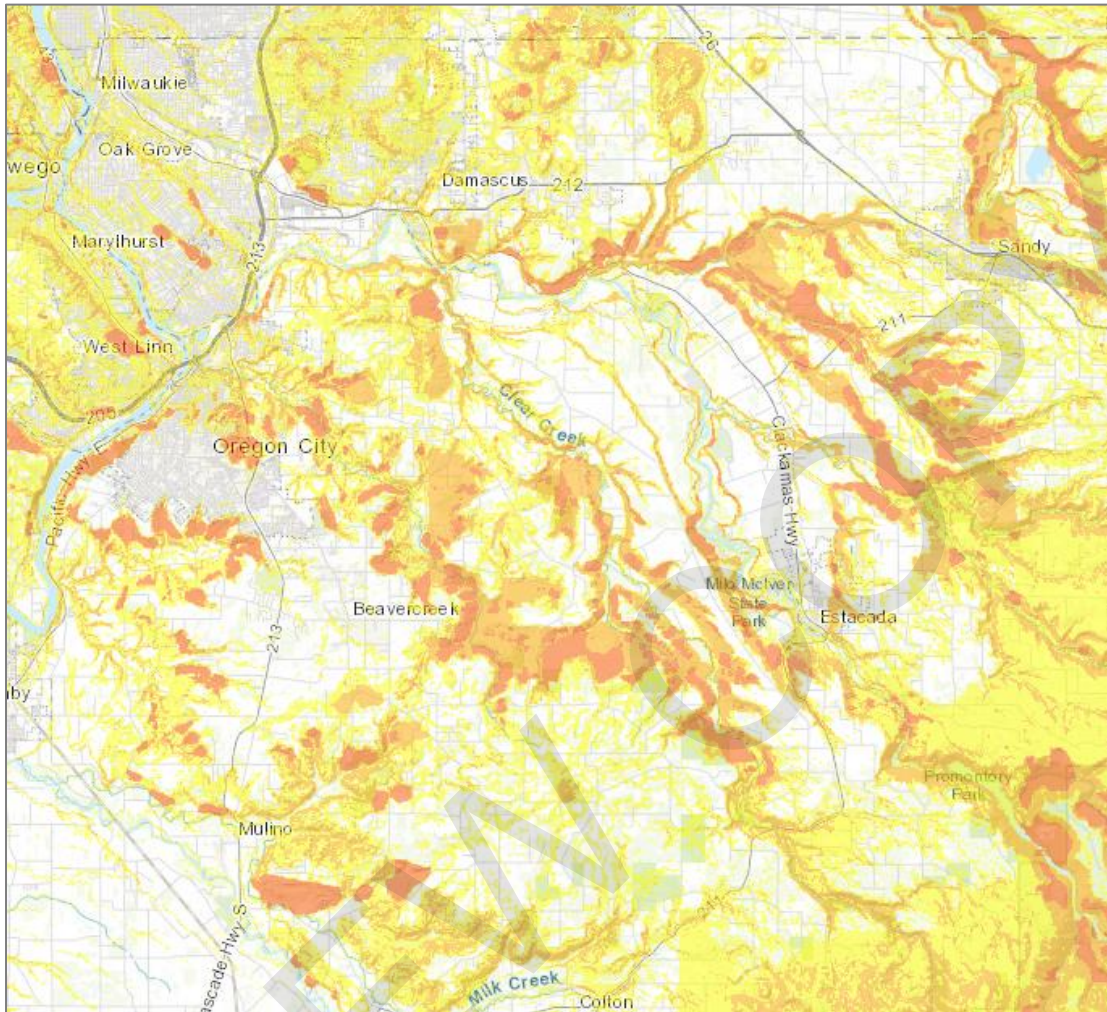
The HMAC determined that the Fire District's probability for landslide is **moderate** and that their vulnerability to landslide is **low**.

Volume I, Section 2 describes the characteristics of landslide hazards, history, as well as the location, extent and probability of a potential event within the region.

Landslides destroy or damage anything on the sliding hillside or in the path of the slide. This includes buildings, houses and streets. Sometimes, a small amount of settlement occurs, giving the owner time to shore up or retrofit the building to prevent further damage. Many property owners in the Fire District's service area have built retaining walls and replaced slide prone soils with rock to help prevent landslides. However, if an entire hillside fails, the buildings may be destroyed and the streets washed out or covered in debris.

Landslide susceptibility exposure within the Fire District's service area is shown in Figure CFD-6. Most of the Fire District's service area demonstrates a low to moderate susceptibility to landslide exposure.

Figure CFD-6 Landslide Susceptibility Exposure



Low	Landsliding unlikely. Areas classified as Landslide Density = Low (less than 7%) and areas classified as Slopes Prone to Landsliding = Low.
Moderate	Landsliding possible. Areas classified as Landslide Density = Low to Moderate (less than 17%) and areas classified as Slopes Prone to Landsliding = Moderate OR areas classified as Landslide Density = Moderate (7%-17%) and areas classified as Slopes Prone to Landsliding = Low.
High	Landsliding likely. Areas classified as Landslide Density = High (greater than 17%) and areas classified as Slopes Prone to Landsliding = Low and Moderate OR areas classified as Landslide Density = Low and Moderate (less than 17%) and areas classified as Slopes Prone to Landsliding = High.
Very High	Existing landslides Landslide Density and Slopes Prone to Landsliding data were not considered in this category. Note: the quality of landslide inventory (existing landslides) mapping varies across the state.

Source: [Oregon HazVu: Statewide Geohazards Viewer \(DOGAMI\)](#)

Note: To view detail click the link above to access Oregon HazVu

Note that even if an area has a high percentage of area in a high or very high landslide exposure susceptibility zone, this does not mean there is a high risk, because risk is the intersection of hazard and assets.

The most common type of landslides in Clackamas County are slides caused by erosion and flooding. Slides move in contact with the underlying surface, are generally slow moving and

can be deep. Rainfall-initiated landslides tend to be smaller; while earthquake induced landslides may be quite large. All soil types can be affected by natural landslide triggering conditions.

Vulnerability Assessment

Due to insufficient data and resources, Clackamas Fire District #1 is currently unable to perform a quantitative risk assessment for this hazard. However, DOGAMI completed a statewide landslide susceptibility assessment in 2016 ([O-16-02](#)), general findings from that report are provided above and within Figure CFD-6. For specific information for communities within the Fire District's service area see Volume I, Section 2 and the addenda for the cities of Happy Valley, Johnson City, Milwaukie, and Oregon City.

Potential landslide-related impacts are adequately described within Volume I, Section 2 and include infrastructural damages, economic impacts (due to isolation and/or arterial road closures), property damages and obstruction to evacuation routes. Rain-induced landslides and debris flows can potentially occur during any winter in Clackamas County and thoroughfares beyond City limits are susceptible to obstruction as well. For a list of facilities and infrastructure vulnerable to this hazard see the Community Assets section.

Mitigation Activities

Clackamas Fire District #1 works to mitigate future landslide hazards to its fire stations and other critical facilities. Additional landslide hazard mitigation activities are conducted at the city, county, regional, state, and federal levels and are described in the Clackamas County NHMP and city addenda.

Please review Volume I, Section 2 for additional information on this hazard.

Severe Weather

Severe weather in can account for a variety of intense and potentially damaging weather events. These events include windstorms and winter storms. The following section describes the unique probability and vulnerability of each identified weather hazard. Other more abrupt or irregular events such as hail are also described in this section.

Extreme Heat

The HMAC determined that the Fire District's probability for extreme heat events is **low** and that their vulnerability is **moderate**.

Volume I, Section 2 describes the characteristics of extreme heat, history, as well as the location, extent and probability of a potential event within the region. Generally, an event that affects the County is likely to affect the Fire District as well.

A severe heat episode or "heat wave" occurs about every two to three years and typically lasting two to three days but can last as many as five days. A severe heat episode can be defined as consecutive days of upper 90s to around 100. Severe heat hazard in the Portland metro region can be described as the average number of days we have temperatures greater than or equal to 90-degrees Fahrenheit and 100-degrees Fahrenheit. On average the region experiences 13.6 days with temperatures above 90-degrees Fahrenheit and 1.4 days above 100-degrees Fahrenheit, based on new 30-year climate averages (1981-2010) from the National Weather Service – Portland Weather Forecast Office.

The Fire District has not experienced any life-threatening consequences from the few extreme heat events in the past, though with the changing climate expect to see more extreme heat events with potentially greater risk to the Fire District's service area population.

Please review Volume I, Section 2 for additional information on this hazard.

Windstorm

The HMAC determined that the Fire District's probability for windstorm is **high** and that their vulnerability to windstorm is **moderate**.

Volume I, Section 2 describes the characteristics of windstorm hazards, history, as well as the location, extent and probability of a potential event within the region. Because windstorms typically occur during winter months, they are sometimes accompanied by ice, freezing rain, flooding and very rarely, snow. Other severe weather events that may accompany windstorms, including thunderstorms, hail, lightning strikes and tornadoes are generally negligible for the Fire District.

Volume I, Section 2 describes the impacts caused by windstorms, including power outages, downed trees, heavy precipitation, building damages and storm-related debris. Additionally, transportation and economic disruptions result as well.

Damage from high winds generally has resulted in downed utility lines and trees usually limited to several localized areas. Electrical power can be out anywhere from a few hours to several days. Outdoor signs have also suffered damage. If the high winds are accompanied by rain (which they often are), blowing leaves and debris clog drainage-ways, which in turn causes localized urban flooding.

Please review Volume I, Section 2 for additional information on this hazard.

Winter Storm (Snow/Ice)

The HMAC determined that the Fire District's probability for winter storm is **high** and that their vulnerability to winter storm is **moderate**.

Volume I, Section 2 describes the characteristics of winter storm hazards, history, as well as the location, extent and probability of a potential event within the region. Severe winter storms can consist of rain, freezing rain, ice, snow, cold temperatures and wind. They originate from troughs of low pressure offshore that ride along the jet stream during fall, winter and early spring months. Severe winter storms affecting the Fire District's service area typically originate in the Gulf of Alaska or in the central Pacific Ocean. These storms are most common from November through March.

Most winter storms typically do not cause significant damage, they are frequent and have the potential to impact economic activity. Road and rail closures due to winter weather are an uncommon occurrence, but can interrupt commuter and commercial traffic.

Vulnerability Assessment

Due to insufficient data and resources, Clackamas Fire District #1 is currently unable to perform a quantitative risk assessment, or exposure analysis, for the extreme heat, windstorm, and winter storm hazards. For a list of facilities and infrastructure vulnerable to these hazards see the Community Assets section. For specific information for communities

within the Fire District's service area see Volume I, Section 2 and the addenda for the cities of Happy Valley, Johnson City, Milwaukie, and Oregon City.

Mitigation Activities

Clackamas Fire District #1 has made progress to reduce the effects of storms. Most utilities leading to fire stations are underground, but in case of power outages the Fire District's critical facilities have back up power generation. Clackamas County Public Health operates heating and cooling centers for the region.

Additional severe weather hazard mitigation activities are conducted at the city, county, regional, state, and federal levels and are described in the Clackamas County NHMP and city addenda.

Please review Volume I, Section 2 for additional information on this hazard.

Volcanic Event

The HMAC determined that the Fire District's probability for a volcanic event is **low** and that their vulnerability to a volcanic event is **moderate**.

Volume I, Section 2 describes the characteristics of volcanic hazards, history, as well as the location, extent and probability of a potential event within the region. Generally, an event that affects the County is likely to affect the Fire District service area as well. Clackamas Fire District #1 is unlikely to experience anything more than volcanic ash during a volcanic event.

Vulnerability Assessment

Due to insufficient data and resources, Clackamas Fire District #1 is currently unable to perform a quantitative risk assessment, or exposure analysis, for this hazard. For a list of facilities and infrastructure vulnerable to this hazard see the Community Assets section.

Due to the Fire District's relative distance from volcanoes, its service area is unlikely to experience the immediate effects that eruptions have on surrounding areas (i.e., mud and debris flows, or lahars). Depending on wind patterns and which volcano erupts, however, the service area may experience ashfall. The eruption of Mount St. Helens in 1980, for example, coated the Willamette Valley with a fine layer of ash. If Mount Hood erupts, however, the service area could experience a heavier coating of ash.

Mitigation Activities

The existing volcano hazard mitigation activities are conducted at the county, regional, state, and federal levels and are described in the Clackamas County NHMP.

Please review Volume I, Section 2 for additional information on this hazard.

Wildfire

The HMAC determined that the Fire District's probability for wildfire is **high** and that their vulnerability to wildfire is **moderate**.

The [2017 Clackamas County Community Wildfire Protection Plan \(CWPP\)](#) was completed in May 2018. The CWPP is hereby incorporated into this NHMP addendum by reference, and it will serve as the wildfire section for this addendum. The following presents a summary of key information; refer to the full CWPP for a complete description, and evaluation of the wildfire hazard: <https://www.clackamas.us/dm/CWPP.html>. Information specific to Clackamas Fire District #1 is found in the following chapter: [Chapter 10.3: Clackamas Fire District #1](#).

Volume I, Section 2 describes the characteristics of wildland fire hazards, history, as well as the location, extent, and probability of a potential event within the region. The location, and extent of a wildland fire vary depending on fuel, topography, and weather conditions. Weather, and urbanization conditions are primarily at cause for the hazard level. Clackamas Fire District #1 does not regularly experience wildfire within its urbanized service area, but the Fire District service area has abundant wooded areas, particularly in the south, southeast, and east that are a concern in the case of a wildfire event.

Clackamas County has two major physiographic regions: the Willamette River Valley in western Clackamas County and the Cascade Range Mountains in eastern and southern Clackamas County. The Willamette River Valley, which includes the Fire District's service area, is the most heavily populated portion of the county and is characterized by flat or gently hilly topography. The Cascade Range has a relatively small population and is characterized by heavily forested slopes. Eastern Clackamas County is at higher risk to wildfire than western portions of the county due to its dense forest land. Human caused fires are responsible for most fires in Clackamas County.

The forested hills within and surrounding the Fire District service area are interface areas. High and medium Priority Communities at Risk (CARs) within the Fire District service area include the following high priority areas: Forest Park/Leisure Woods, Diane Drive Shelly Road, Redland Road/Fishers Mill area/Logan, Clarkes/Beavercreek, Beaver Lake, Canemah Bluffs, Scouters Mountain, and Mount Talbert and the following medium priority areas: 3 Creeks and Holcomb.⁹

Most of the Fire District service area has less severe (moderate or less) wildfire burn probability that includes expected flame lengths less than four-feet under normal weather conditions.¹⁰ However, conditions vary widely and with local topography, fuels, and local weather (including wind) conditions. Under warm, dry, windy, and drought conditions expect higher likelihood of fire starts, higher intensity, more ember activity, and a more difficult to control wildfire that will include more fire effects and impacts.

⁹ Clackamas County Community Wildfire Protection Plan, *Clackamas Fire District #1* (2018), Table 10.3-1.

¹⁰ [Oregon Wildfire Risk Explorer](#), date accessed November 19, 2018.

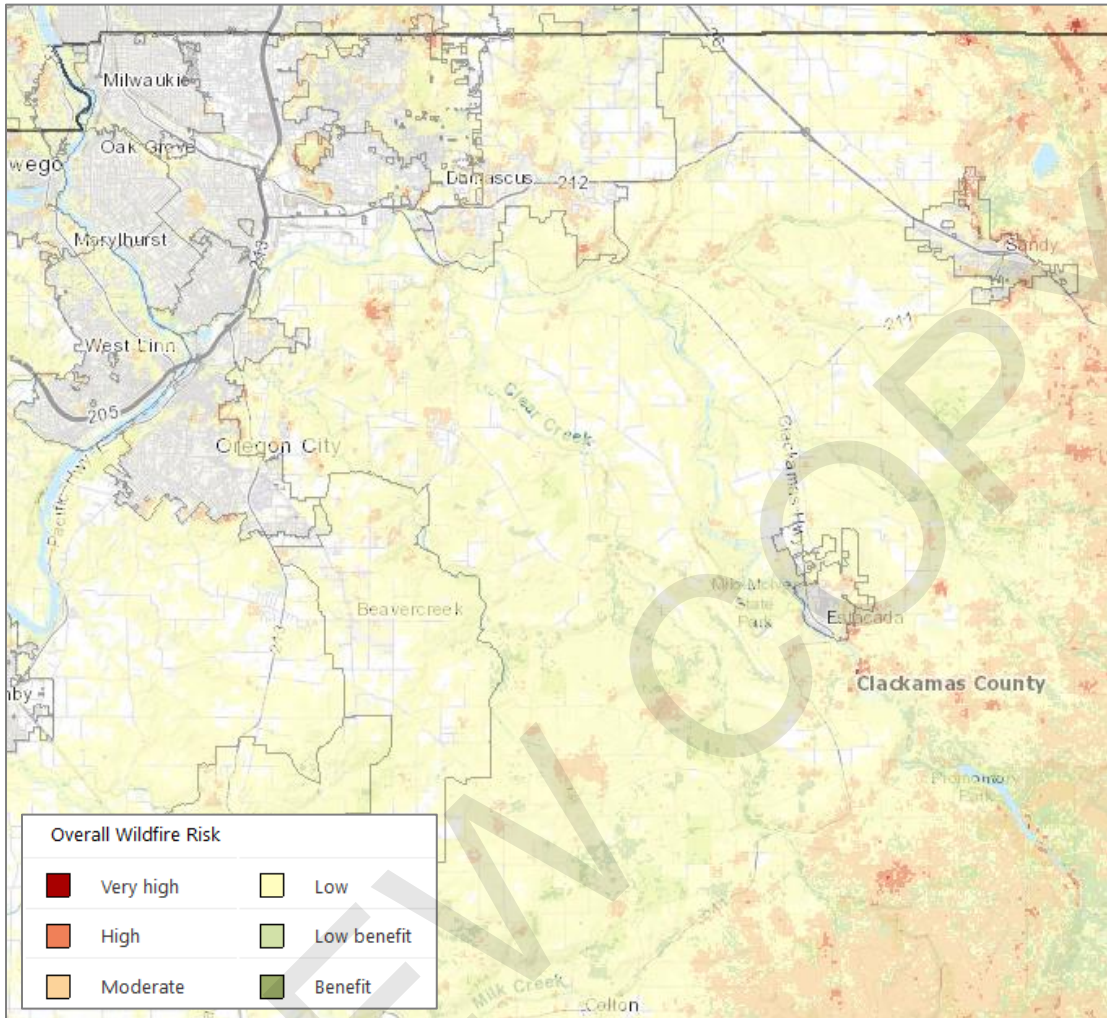
Vulnerability Assessment

Due to insufficient data and resources, Clackamas Fire District #1 is currently unable to perform a quantitative risk assessment, or exposure analysis, for this hazard. For a list of facilities and infrastructure vulnerable to this hazard see the Community Assets section.

The potential community impacts, and vulnerabilities described in Volume I, Section 2 are generally accurate for the Fire District service area as well. Clackamas Fire District #1's fire response is addressed within the CWPP which assesses wildfire risk, maps wildland urban interface areas, and includes actions to mitigate wildfire risk. Figure CFD-7 shows overall wildfire risk in the Fire District service area. The Fire District will update their wildfire risk assessment if the fire plan presents better data during future updates (an action item is included to participate in future updates to the CWPP). For specific information for communities within the Fire District's service area see Volume I, Section 2 and the addenda for the cities of Happy Valley, Johnson City, Milwaukie, and Oregon City.

Property can be damaged or destroyed with one fire as structures, vegetation, and other flammables easily merge to become unpredictable, and hard to manage. Other factors that affect ability to effectively respond to a wildfire include access to the location, and to water, response time from the fire station, availability of personnel, and equipment, and weather (e.g., heat, low humidity, high winds, and drought).

Figure CFD-7 Overall Wildfire Risk



Source: [Oregon Wildfire Risk Explorer](#), date accessed May 10, 2019.

Mitigation Activities

Clackamas Fire District #1 uses several mitigation tools to reduce the service area's risk to wildfires. Clackamas Fire District #1's offers numerous education opportunities including school programs, public presentations, media events, and safety fairs. They work with Clackamas County and Happy Valley, Johnson City, Milwaukie, and Oregon City to review pre-construction plans and develop fire codes. They promote the use of defensible space, fire-resistant building materials and roofing, and community preparedness. Additionally, the Fire District inspects buildings for fire code compliance, enforces open burning regulations, and offers juvenile fire setter counseling and follow-up.

Please review the [2017 Clackamas County Community Wildfire Protection Plan \(CWPP\), Volume I, Section 2](#) for additional information on this hazard.

ATTACHMENT A: ACTION ITEM FORMS

ATTACHMENT A

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* - Priority Action Item

REVIEW COPY

Action Item Forms

Each action item has a corresponding action item worksheet describing the activity, identifying the rationale for the project, identifying potential ideas for implementation, and assigning coordinating and partner organizations. The action item worksheets can assist the community in pre-packaging potential projects for grant funding. The worksheet components are described below.

ALIGNMENT WITH EXISTING PLANS/POLICIES

The Clackamas County NHMP includes a range of action items that, when implemented, will reduce loss from hazard events in the County, participating cities, and special districts. Within the plan, FEMA requires the identification of existing programs that might be used to implement these action items. The Fire District addresses legislative requirements through its capital improvements plan, mandated standards, and County and City building codes. To the extent possible, the Fire District will work to incorporate the recommended mitigation action items into existing programs and procedures. Each action item identifies related existing plans and policies.

STATUS/RATIONALE FOR PROPOSED ACTION ITEM

Action items should be fact-based and tied directly to issues or needs identified throughout the planning process. Action items can be developed at any time during the planning process and can come from several sources, including participants in the planning process, noted deficiencies in local capability, or issues identified through the risk assessment. The rationale for proposed action items is based on the information documented in the addenda. The worksheet provides information on the activities that have occurred since the previous plan for each action item if applicable.

IDEAS FOR IMPLEMENTATION

The ideas for implementation offer a transition from theory to practice and serve as a starting point for this plan. This component of the action item is dynamic, since some ideas may prove to not be feasible, and new ideas may be added during the plan maintenance process. Ideas for implementation include such things as collaboration with relevant organizations, grant programs, tax incentives, human resources, education and outreach, research, and physical manipulation of buildings and infrastructure.

COORDINATING (LEAD) ORGANIZATION:

The coordinating organization is the public agency with the regulatory responsibility to address natural hazards, or that is willing and able to organize resources, find appropriate funding, or oversee activity implementation, monitoring and evaluation.

INTERNAL AND EXTERNAL PARTNERS:

The internal and external partner organizations listed in the Action Item Worksheets are potential partners recommended by the project HMAAC but not necessarily contacted during the development of the plan. The coordinating organization should contact the identified partner organizations to see if they are capable of and interested in participation. This initial contact is also to gain a commitment of time and/or resources toward completion of the action items.

Internal partner organizations are departments within the Fire District or other participating jurisdiction that may be able to assist in the implementation of action items by providing relevant resources to the coordinating organization.

External partner organizations can assist the coordinating organization in implementing the action items in various functions and may include local, regional, state, or federal agencies, as well as local and regional public and private sector organizations.

PLAN GOALS ADDRESSED:

The plan goals addressed by each action item are identified as a means for monitoring and evaluating how well the mitigation plan is achieving its goals, following implementation.

TIMELINE:

All broad scale action items have been determined to be ongoing, as opposed to short-term (0 to 2 years) or long-term (3 or more years). This is because the action items are broad ideas, and although actions may be implemented to address the broad ideas, the efforts should be ongoing.

POTENTIAL FUNDING SOURCE

Where possible potential funding sources have been identified. Example funding sources may include: Federal Hazard Mitigation Assistance programs, state funding sources such as the Oregon Seismic Rehabilitation Grant Program, or local funding sources such as capital improvement or general funds. An action item may include several potential funding sources.

ESTIMATED COST

A rough estimate of the cost for implementing each action item is included. Costs are shown in general categories showing low, medium, or high cost. The estimated cost for each category is outlined below:

Low - Less than \$50,000

Medium - \$50,000 – \$100,000

High - More than \$100,000

Multi-Hazard #1

Proposed Action Item		Alignment with Plan Goals:	
Develop new and continue to enhance education programs aimed at mitigating natural hazards and reducing risk.		Protect Life and Property; Augment Emergency Services; Encourage Partnerships for Implementation; Promote Public Awareness	
Alignment with Existing Plans/Policies:			
Clackamas County CWPP			
2018 Status/Rationale for Proposed Action Item:			
<ul style="list-style-type: none"> • Conducting public outreach campaigns raises awareness about natural hazards and helps illustrate what residents and businesses can do to reduce the impact of a natural disaster on their properties, thereby reducing the impact of natural hazards. • The Disaster Mitigation Act of 2000 requires that communities continue to involve the public beyond the original planning process [201.6(c)(4)(ii)]. Developing public education programs for hazard risk mitigation would be a way to keep the public informed of, and involved in, the county's actions to mitigate hazards. 			
Ideas for Implementation:			
<ul style="list-style-type: none"> • Maintain hazard related information and public information materials and disseminate to public through existing resources (newsletter, website, social media, etc.); • Conduct public education as hazard seasons approach; • Target neighborhood associations to sponsor CERT teams; • Add emergency preparedness and response curriculum to school programs; • Partner with Clackamas County and other jurisdictions to develop public education flyers for all hazards; • Include hazard information on the Fire District website; and • Include insurance information in public outreach and education materials. 			
Coordinating Organization:		Emergency Management	
Internal Partners:		External Partners:	
Business Services		Clackamas County, Participating Cities, Community Organizations Active in Disaster (COAD), FEMA, DLCD, DOGAMI, Fire Co-op	
Potential Funding Sources:		Estimated cost:	Potential Funding Sources:
General Fund		Low	<input type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input checked="" type="checkbox"/> Ongoing
Form Submitted by:	New Action Item		
Priority:	Medium		

Earthquake #1*

Proposed Action Item:		Alignment with Plan Goals:	
Continue to conduct seismic evaluations and start projects implementing appropriate structural and non-structural mitigation strategies.		Protect Life and Property; Encourage Partnerships for Implementation; Promote Public Awareness	
Alignment with Existing Plans/Policies:			
2018 Status/Rationale for Proposed Action Item:			
<ul style="list-style-type: none"> • The Disaster Mitigation Act of 2000 requires communities to identify mitigation actions that are being considered by the community to reduce the effect that natural hazards will have on the community [201.6(c)(3)(ii)]. Developing and implementing programs to reduce the potential for earthquakes to cause damage can assist a community in mitigating its overall risk to earthquakes. • Pre-disaster mitigation strategies will reduce post-disaster response needs by lessening life loss, injury, damage, and disruption. • Refer to risk assessment, and DOGAMI's rapid visual assessment scores 			
Ideas for Implementation:			
<ul style="list-style-type: none"> • Obtain funding to perform seismic evaluations; • Conduct seismic evaluations on identified community assets (including shelters) for implementing appropriate structural and non-structural mitigation strategies; • Prioritize seismic upgrades based on criticality of need and population served; • Seismically retrofit critical government facilities to guarantee continuous operation during and after a natural disaster; • Partner with appropriate organizations to implement seismic upgrades; and • Create damage assessment procedures. 			
Coordinating Organization:		Facilities	
Internal Partners:		External Partners:	
Emergency Services		DOGAMI, Clackamas County, Participating Cities	
Potential Funding Sources:		Estimated cost:	Potential Funding Sources:
General Fund, Seismic Rehabilitation Grant Program, Hazard Mitigation Assistance Grants		Moderate to High	<input type="checkbox"/> Short Term (0-2 years) <input checked="" type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	New Action Item		
Priority:	Medium		

* - High Priority Action Item

Severe Weather #1

Proposed Action Item:		Alignment with Plan Goals:	
Continue to ensure that all rigs have chains for driving on snow and ice.		Augment Emergency Services; Encourage Partnerships for Implementation	
Alignment with Existing Plans/Policies:			
2018 Status/Rationale for Proposed Action Item:			
<ul style="list-style-type: none"> Winter weather can create dangerous driving conditions for Responders. Appropriate traction devices will greatly enhance Responder safety and decrease response times. 			
Ideas for Implementation:			
<ul style="list-style-type: none"> Continue to make traction devices available for all Fire District response vehicles. Continue Fleet periodic review of current inventory. Emergency Manager will make Fleet and Logistics aware of anticipated weather conditions that might result in hazardous vehicle operation. 			
Coordinating Organization:		Fleet Services	
Internal Partners:		External Partners:	
Business Services			
Potential Funding Sources:		Estimated cost:	Timeline:
General Fund, Capital Funds		Low	<input checked="" type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	New Action Item		
Priority:	Medium		

Severe Weather #2*

Proposed Action Item:		Alignment with Plan Goals:	
Continue to coordinate with the County and Cities to make stations a priority for plowing and ensure up-to-date knowledge of plowing routes.		Protect Life and Property; Augment Emergency Services; Encourage Partnerships for Implementation; Promote Public Awareness	
Alignment with Existing Plans/Policies:			
2018 Status/Rationale for Proposed Action Item:			
<ul style="list-style-type: none"> Clearing station driveways will improve Responder safety and decrease response times. 			
Ideas for Implementation:			
<ul style="list-style-type: none"> Emergency Manger will communicate with city and county public works departments prior to and in anticipation of snow events. 			
Coordinating Organization:		Emergency Management	
Internal Partners:		External Partners:	
Business Services		Clackamas County, Participating Cities	
Potential Funding Sources:		Estimated cost:	Timeline:
General Fund		Low	<input checked="" type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	New Action Item		
Priority:	High		

Wildfire #1*

Proposed Action Item:		Alignment with Plan Goals:	
Continue to coordinate wildfire mitigation action items through the Clackamas County Community Wildfire Protection Plan .		Protect Life and Property; Enhance Natural Systems; Augment Emergency Services; Encourage Partnerships & Implementation; Promote Public Awareness	
Alignment with Existing Plans/Policies:			
Clackamas County Community Wildfire Protection Plan (2018)			
2018 Status/Rationale for Proposed Action Item:			
The wildfire mitigation action items provide direction on specific activities that organizations and residents in Clackamas Fire District #1's Service Area can take to reduce wildfire hazards. 2018 Status: CWPP updated in 2018.			
Ideas for Implementation: CWPP Identified Focus Areas and Priority Actions			
Wildfire Risk Assessment (Ch. 4):			
<ol style="list-style-type: none"> Maintain and update the Fuels Reduction (FR) and Communities at Risk (CAR) maps and databases. Continue to track structure vulnerability data throughout the County through structural triage assessments. Update the Overall Wildfire Risk Assessment as new data becomes available. 			
Hazardous Fuels Reduction and Biomass Utilization (Ch. 5):			
<ol style="list-style-type: none"> Develop and maintain an inventory of potential and successful FR projects by meeting with parks and natural lands managers quarterly. Continue securing funding to implement projects/hire seasonal ODF staff. 			
Emergency Operations (Ch. 6):			
<ol style="list-style-type: none"> Develop and FDB Communications Works Group. Conduct a Conflagration Exercise. 			
Education and Community Outreach (Ch. 7):			
<ol style="list-style-type: none"> Develop Firewise toolkit for CAR's. Create incentives for fuels reduction. Update and distribute the Burn Permitting and Fire Restrictions Brochure. Continue to improve address signage throughout the County. 			
Structural Ignitability Policies and Programs (Ch. 8):			
<ol style="list-style-type: none"> Identify a DTD representative for the WFEP. Improve coordination with Rural Fire Agencies. Integrate WU into Plan Map and include a public outreach strategy. 			
Coordinating Organization:		Fire Prevention	
Internal Partners:		External Partners:	
Emergency Services, Business Services		Clackamas Fire Defense Board, Clackamas County, participating cities	
Potential Funding Sources:		Estimated cost:	Timeline:
ODF, operating budgets		Low to High	<input type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input checked="" type="checkbox"/> Ongoing
Form Submitted by:	New Action Item		
Priority:	High (CWPP identified priority actions listed above)		

* - High Priority Action Item

Wildfire #2*

Proposed Action Item:		Alignment with Plan Goals:	
Continue to promote legal, safe, and responsible debris burning through public outreach and education.		Protect Life and Property; Enhance Natural Systems; Encourage Partnerships for Implementation; Promote Public Awareness	
Alignment with Existing Plans/Policies:			
Clackamas County Community Wildfire Protection Plan (2018)			
2018 Status/Rationale for Proposed Action Item:			
<ul style="list-style-type: none"> Proper and safe debris burning will decrease fire danger to structures and wildlands. 			
Ideas for Implementation:			
<ul style="list-style-type: none"> Promote safe debris burning practices at public outreach events. Clackamas Fire posts safe debris burning guidelines on the Fire District Website. 			
Coordinating Organization:		Fire Prevention	
Internal Partners:		External Partners:	
Business Services		Clackamas County, participating cities, ODF, DEQ, Fire Co-op	
Potential Funding Sources:		Estimated cost:	Potential Funding Sources:
General Fund		Low	<input checked="" type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	New Action Item		
Priority:	Medium		

* - High Priority Action Item

Wildfire #3

Proposed Action Item:		Alignment with Plan Goals:	
Continue to promote fire-resistant strategies for new and existing developments.		Protect Life and Property; Encourage Partnerships for Implementation; Promote Public Awareness	
Alignment with Existing Plans/Policies:			
Clackamas County Community Wildfire Protection Plan (2018)			
2018 Status/Rationale for Proposed Action Item:			
<ul style="list-style-type: none"> • Clackamas Fire District #1 already encourages the use of non-combustible roofing materials. • Programs focus on fuel reduction and defensible space. • The local building codes are updated every 3 years in alignment with the State Building Code updates. 			
Ideas for Implementation:			
<ul style="list-style-type: none"> • Require fuel breaks in site plans, describe the procedures for ongoing maintenance, and place information on the Fire District website for public view; • Review street designs that facilitate the movement of firefighting equipment; • Review roofing standards and develop recommendations for promoting non-combustible roofing; • Promote use of sprinkler systems in residential construction; and • Maintain awareness of potential growth into the wildland urban interface. 			
Coordinating Organization:		Fire Prevention	
Internal Partners:		External Partners:	
Business Services		Clackamas County, participating cities	
Potential Funding Sources:		Estimated cost:	Timeline:
General Fund		Low	<input checked="" type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	New Action Item		
Priority:	Medium		

Wildfire #4

Proposed Action Item:		Alignment with Plan Goals:	
Continue to increase participation in land use reviews of residential structures in the Timber/Agriculture Zone.		Protect Life and Property; Encourage Partnerships for Implementation; Promote Public Awareness	
Alignment with Existing Plans/Policies:			
Clackamas County Community Wildfire Protection Plan (2018)			
2018 Status/Rationale for Proposed Action Item:			
<ul style="list-style-type: none"> Land use reviews help ensure developing areas comply with existing wildfire protection best practices. 			
Ideas for Implementation:			
<ul style="list-style-type: none"> Continue to build on the strength of the current program. 			
Coordinating Organization:		Fire Prevention	
Internal Partners:		External Partners:	
Business Services		Clackamas County DTD, participating cities	
Potential Funding Sources:		Estimated cost:	Timeline:
General Fund		Low to moderate	<input type="checkbox"/> Short Term (0-2 years) <input checked="" type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	New Action Item		
Priority:	Medium		

Wildfire #5

Proposed Action Item:		Alignment with Plan Goals:	
Continue to conduct a Community Meeting to educate community on defensible space, and measures that can be taken to reduce structural ignitability. Consider creating Firewise/USA Communities here.		Protect Life and Property; Enhance Natural Systems; Encourage Partnerships for Implementation; Promote Public Awareness	
Alignment with Existing Plans/Policies:			
Clackamas County CWPP (Local Communities at Risk Action Plan: Forest Park/Leisure Woods, Diane Drive, Shelly Road)			
2018 Status/Rationale for Proposed Action Item:			
<ul style="list-style-type: none"> Educating communities at risk regarding the creation of defensible spaces around their homes can improve the wildfire resilience of their home and community. 			
Ideas for Implementation:			
<ul style="list-style-type: none"> Clackamas Fire already supports the Firewise program. 			
Coordinating Organization:		Fire Prevention	
Internal Partners:		External Partners:	
Business Services		Clackamas County, participating cities	
Potential Funding Sources:		Estimated cost:	Timeline:
General Fund		Low to moderate	<input checked="" type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input type="checkbox"/> Ongoing
Form Submitted by:	New Action Item		
Priority:	Medium		

Wildfire #6

Proposed Action Item:		Alignment with Plan Goals:	
Continue to obtain structural ignitability data by conducting structural triage assessment data collection (including GPS points) for homes in Communities at Risk.		Protect Life and Property; Encourage Partnerships for Implementation; Promote Public Awareness	
Alignment with Existing Plans/Policies:			
Clackamas County CWPP (Local Communities at Risk Action Plan: All CAR's)			
2018 Status/Rationale for Proposed Action Item:			
Ideas for Implementation:			
Coordinating Organization:		Fire Prevention	
Internal Partners:		External Partners:	
Business Services		Clackamas County, participating cities	
Potential Funding Sources:		Estimated cost:	Timeline:
General Fund		Low to moderate	<input type="checkbox"/> Short Term (0-2 years) <input type="checkbox"/> Long Term (2-4+ years) <input checked="" type="checkbox"/> Ongoing
Form Submitted by:	New Action Item		
Priority:	Medium		

ATTACHMENT B: PUBLIC INVOLVEMENT SUMMARY

Members of the HMAc provided edits and updates to the NHMP prior to the public review period as reflected in the final document.

To provide the public information regarding the draft NHMP addendum, and provide an opportunity for comment, an announcement (see text below) was provided on the Fire District's **website and social media pages** including a method for the public to provide comment.

During the public review period there were **no** comments provided.

Press Release

To be provided

Memo

TO: Board of Directors
Fire Chief Charlton

FROM: Data Systems Director Hopkins

CC: Chief Whiteley, Chief Hari, Chief Corless, Chief Gehrke, Chief Conway

DATE: September 16, 2019

RE: FireRMS/ePCR Program

Action Requested

Authorize purchase of ESO Solutions software for Fire, EMS and Prevention reporting to replace the current Zoll FireRMS/ePCR program. This agreement will not exceed \$57,000 annually with a one-time implementation cost of \$9,080.

Background

Our current contract with EF Recovery is a SaaS hosted solution for Zoll FireRMS/ePCR and Prevention Occupancy data. In early 2017, Clackamas Fire was advised that Zoll was recalling all outside vendor contracts and assuming hosted solutions internally. Since we are an existing client, Zoll granted an extension to remain with EF Recovery, the third-party that currently hosts our data, for two years. Our contract with EF Recovery ends December 2019.

The FireRMS/ePCR Project Team was developed with a core group from Data Services, EMS, and Prevention who began meeting with potential vendors and discussing our options. As part of that process, the group reviewed ESO Solutions, Emergency Reporting, and ImageTrend Solutions. These vendors are leaders in the market and have the criteria to be an all-encompassing FireRMS and PCR solution. The Project Team reviewed the following desired specifications for each product:

1. Electronic Health Records – easy-to-use system that allows EMS personnel to document patient encounters efficiently.
2. Incident Records – eliminate redundant data entry and improve report accuracy. Incorporate EHR data to automatically file NFIRS reports for medical calls.
3. Prevention Properties and Inspections – collect and manage data to successfully conduct inspections.
4. Data Reporting and Analytics – ability to create quality improvement metrics, ad-hoc / customizable reports that includes patient tracking and agency performance.
5. Health Data Exchange (HDE) – ability to interface with AMR (MEDS) ePCR platform and area hospitals electronic health record systems to enhance quality of patient care during transitions and allow for transfer of real-time data back to fire agency providers.

6. Billing – integration with third-party billing agent for transport and cost recovery.
7. Cloud-based – software must be a cloud-based solution with multiple users able to access the system at any given time with or without connectivity.
8. Security and Confidentiality – must meet all federal and state laws concerning privacy, confidentiality and data security that govern local emergency medical service agencies.
9. NEMSIS 3 Compliant – must be in compliance with the National EMS Information System’s current data specifics (Version 3) and have the capability to submit information to state health department based on required formats and schedules.
10. NFIRS Compliant – must be in compliance with National Fire Incident Reporting System and have automated submission capability.
11. On-site Training and Support – must provide an initial training and on-going 24/7 support for personnel of participating agencies.
12. Users – system shall allow setup of users with different levels of access and permissions based on their role.

A survey was developed and sent to personnel about the state of current operations and requested input on potential needs moving forward. Based on those results, the FireRMS/ePCR Project Team assembled a R&D group to evaluate the two leading vendors (ESO & ImageTrend). Each product was evaluated for 30 days and feedback was solicited via survey.

The Project Team evaluated feedback from the surveys. While both products showed great potential and strength in comparison to current operations, ESO was identified as the better product based on those evaluations. Additionally, Clackamas County Public Health Division and Clackamas County EMS Council are working toward standardizing and regionalizing electronic patient care records (ePCR) and will be recommending ESO as the vendor. Standardization of ePCR throughout the county will benefit patients in assuring coordinated and quality care is provided with interoperable technology.

The ESO Master Subscription and License Agreement (“MSLA”), Support Services Addendum and HIPAA Business Associate Agreement have been reviewed by legal counsel.

Policy Implications

Authorization and approval of the Fire Chief and Board of Directors required.

Budget Implications

Funding for this agreement has been identified in the adopted FY 19/20 year budget. Annual costs are consistent with our current annual services.

Recommendation

Based on our review of products and pricing, the FireRMS/ePCR Project Team recommends the Board approve entering into a one-year contract with an automatic renewal with ESO Solutions for Fire, EMS and Prevention reporting. This agreement will not exceed \$57,000 annually with a one-time implementation cost of \$9,080.

Clackamas Fire District #1

Memo

To: Board of Directors

From: Chief Charlton

CC:

Date: September 16, 2019

Re: Intergovernmental Agreement with Estacada Fire District #69

Action Requested - Request Board authorize the Fire Chief to amend the current Intergovernmental Agreement with Estacada Fire District #69 (Estacada Fire) per section 17. Amendment – This Agreement may only be amended in writing executed by both Parties. This amendment would include a new effective date of October 31, 2019 with respect to the term

Background

The current Intergovernmental Agreement is set to terminate on September 30, 2019. Ongoing meetings with the respective Fire Districts' Interagency Committees has led to a formal request from Estacada Fire for a proposal for a Contract for Service. If both the Clackamas Fire Board approves the proposal on September 16, 2019 and the Estacada Fire Board approves the proposal on September 19, 2019, then a draft Contract for Services will be created. This contract will then be presented at the October Board meetings for approval. The extension of the current Intergovernmental Agreement until October 31, 2019 allows time to prepare a Contract for Service and seek input. If either Board decides at their September meeting not to move the proposal forward, the current Intergovernmental Agreement will then terminate on September 30, 2019.

Budget Implications

If the term is amended to October 31, 2019, Clackamas Fire will continue to provide services and bill for those services as outlined in the agreement

Recommendation - Recommend Board authorize the Fire Chief to amend the current Intergovernmental Agreement with Estacada Fire District #69 (Estacada Fire) per Section 17.

Amendment – This Agreement may only be amended in writing executed by both Parties. This amendment would include a new effective date of October 31, 2019 with respect to the term.

Memo

To: Board of Directors
From: Chief Charlton
CC:
Date: September 16, 2019
Re: Board Policy Manual Review

Per Article 7.7 of the Board Policy Manual, in September of each year, the Board shall review the manual for any revisions. Per Article 3 of the manual, there is a two-step process to completing the review. The first step will be to review the policies at the September 16, 2019 board meeting. The second step of the process will be for the Board to approve the revised policies at the October 21, 2019 board meeting.

Legal Counsel has completed a review of the current Board Policy Manual as well as staff and those changes are summarized below. Within the Board Policy Manual, changes in red and orange are from Legal Counsel and changes in blue are from Fire District staff. Appendix A changes are from Fire District staff.

Preamble – Updated the number of community fire stations and personnel

ARTICLE 1 – Reaffirming the Boards role as a policy-making body

ARTICLE 2 – Reaffirming the duties of the Board

ARTICLE 3 – Minor edits

ARTICLE 4 – Minor edits

Clackamas Fire District #1 Map – Station 21 will be added for the final version

ARTICLE 5 – Updating 5.2 – Board Terms updated and the reference to Fire District Standard Operation Procedure (SOP) – Travel Authorization and Expense Reimbursement

ARTICLE 6 – Minor edits

ARTICLE 7 – Edits regarding discussions, deliberations and taking political stances

ARTICLE 8 – Minor edits

ARTICLE 9 – Edits regarding Board meeting location, public testimony, and voting

ARTICLE 10 – Edits regarding public records disclosure

ARTICLE 11 – Edits regarding list of responsibilities

ARTICLE 12 – No suggested edits

ARTICLE 13 – Edits regarding recent Urban Renewal changes

ARTICLE 14 – Edits regarding Enterprise Zones

APPENDIX A – Minor edits to committee descriptions. The Board President will provide a list of the committee assignments for 2019 / 2020 prior to the October Board meeting for review and adoption



Clackamas Fire District #1

Board of Directors’ Policy Manual

Revised ~~October 15, 2018~~ September 16, 2019

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Board of Directors' Policy Manual Preamble

Our current District, Clackamas County Fire District #1, commonly referred to as Clackamas Fire District #1, is composed of areas that were formally known by the following:

Multnomah County Fire District #12 – 1976 merger
Milwaukie Rural Fire Protection District #56 – 1976 merger
Clackamas County Fire District #1 – 1976 formed
Redland Fire District #54 – 1988 merger
Happy Valley Fire District #65 – 1988 merger
Clackamas Fire District #71 – 1990 merger
Beavercreek Fire District #55 – 1994 merger
Oak Lodge Fire District #51 – 1998 merger
Clarkes Rural Fire Protection District #68 – 2003 annexation
City of Milwaukie – 2005 annexation
City of Oregon City – 2008 annexation
Boring Fire District #59 – 2017 annexation

These areas were incorporated through annexation, consolidation, merger, or contract for services to comprise the Fire District as we know it today.

Clackamas Fire District #1 is proud to be an internationally accredited organization, which provides fire protection, fire prevention, rescue operations, and emergency medical services. Clackamas Fire District #1 provides services to four cities including the City of Happy Valley, Johnson City, Milwaukie, and Oregon City, as well as the unincorporated areas of Barton, Beavercreek, Boring, Carus, Carver, Central Point, Clackamas, Clarkes, Damascus, Eagle Creek, Holcomb, Oak Lodge, Redland, South End, Sunnyside and Westwood.

Clackamas Fire District #1 has 20-21 community fire stations strategically located throughout the District with a workforce of more than 288 employees and 80 community volunteers. It is one of the largest fire protection districts in Oregon serving over 220,000 citizens in an area covering over 235 square miles.

Uniform Patch of Clackamas Fire District #1



Patch 4.6X3.6

Logo of Clackamas Fire District #1 for electronic medium, decals, letters, etc.



Section 1
Clackamas Fire District #1
Policy Statements

SECTION 1
CLACKAMAS FIRE DISTRICT #1
BOARD OF DIRECTORS' POLICYES STATEMENTS

ARTICLE 1: POLICY ADOPTING GOVERNMENT BY POLICY BOARD AS POLICYMAKERS; RESERVATION OF ADMINISTRATIVE AUTHORITY TO THE FIRE CHIEF

The policy of the Board of Directors (the Board) of Clackamas Fire District #1 (the District) recognizes that one of its major functions is to serve as the policy-making body of the District, and to ~~govern the activities and~~ shape the future of the District. At the same time, the Board reserves ~~for to~~ the Fire Chief and ~~the Chief's designated the professional~~ staff the sole and exclusive responsibility and authority to manage and supervise of the day-to-day administration of the District, including all personnel matters, in a manner consistent with the policies ~~and rules~~ of the Board. The Board shall not interfere with the Chief's authority in such matters.

The Board will support and promote the District's mission statement, which is "To safely protect and preserve life and property."

It is therefore the intent of the Board to set forth a series of policies and Board rules to govern the conduct and deliberations of the business conducted by the Board and to serve as a guide for the professional staff in carrying out the daily functions of the District.

ARTICLE 2: BOARD POLICIES

It is the intent of the Board to be governed by a set of policies. The policies and rules shall be adopted by the Board and made available as public documents.

The policies ~~and rules of the Board~~ shall be drafted, adopted and amended with full consideration for the Board's desire to provide fire and life safety protection of the best obtainable quality for the residents of the District within the limitations of the District's ability to support it.

The Board of Directors, as the governing body representing the people of the District, determines all questions of policy to be employed in the operation of the District. Generally speaking, this means that the Board is responsible for duties such as setting District-wide goals, long-term planning, and adopting budgetary priorities. The term "policymaking" refers to the Board's decisions and deliberations intended to improve the quality of life for District residents and to ensure the provision of high-quality fire and life safety services—and not to any authority over daily administrative matters. These types of broad-based policy-making decisions and deliberations are usually memorialized in the form of Board resolutions, formal policy documents, directions to staff, budget documents, or ordinances.

In the event that a Board policy is found to be in express conflict with state or federal law or the rules of a higher authority, that portion of such policy may be nullified without affecting the

~~validity of the remainder of the policy. In such a case, staff shall is automatically null and void without Board action and shall be delete or amend the offending policy and will report such actions to the Board. d from the accumulated body of policies and rules.~~

If disagreement over the application, extent, or interpretation of a policy arises, the resolution of the conflict will be based on the majority opinion of the Board. If such an interpretation is deemed to have future significance, an amendment to the applicable policy, ~~as a Board rule~~, shall clearly specify the intent of the Board in interpreting the policy.

Board ~~rules-policies~~ may also be based on pertinent statutes. In this context they are designed to explain, detail, or otherwise organize the application of a policy consistent with the statutes. ~~Board rules may also be applied to remind the Board, staff, and public of the existence of applicable statutes.~~

Proposals regarding Board policy changes, deletions, additions, or repeal may originate from any interested person, however, such policy adoption or amendment remains the sole authority of the Board.

ARTICLE 3: POLICY ADOPTION, CHANGES, DELETIONS, ADDITIONS, REPEAL AND REVIEW

In its deliberations leading to the establishment or amendment of Board policy ~~or rules~~, the Board's central concern will be for increased efficiency and effectiveness in carrying out its legally mandated tasks and general policies in the interest of the public good.

The Board recognizes that all Board policies shall remain flexible and be subject to review and change. Such review shall take place at least annually at a regularly scheduled Board meeting on a date or dates selected by the Board, and shall appear as an agenda item.

In order to provide consistency, stability and integrity to Board policies, changes in policies, except in the case of emergency, shall be executed in a precise manner without undue haste.

Adoption, changes, additions to and deletions from or repeal of the established policies shall be accomplished by a majority vote of the Board. A two-step action, with steps separated by no less than 28 days, is required. Introduction, discussion and deliberation shall constitute the first step. A ratification vote shall be required at a second meeting. In the event that an emergency is deemed to exist, and said emergency is recorded in the official minutes and agreed to by a majority of the Board members, a policy can be changed, suspended, added to, or deleted from in the course of a single meeting.

An emergency shall be defined as an unforeseen circumstance requiring immediate action so as to prevent diminishment of the welfare of the District.

The assembled policies of the Board, known collectively as the BOARD of DIRECTORS' POLICY MANUAL, shall be the reference instrument for setting the District's long-term policy-

making goals and standards, as well as conducting the business of the Board.

ARTICLE 4: BOARD OPERATIONS AND SELF-GOVERNANCE STANDARDS
THE BOARD

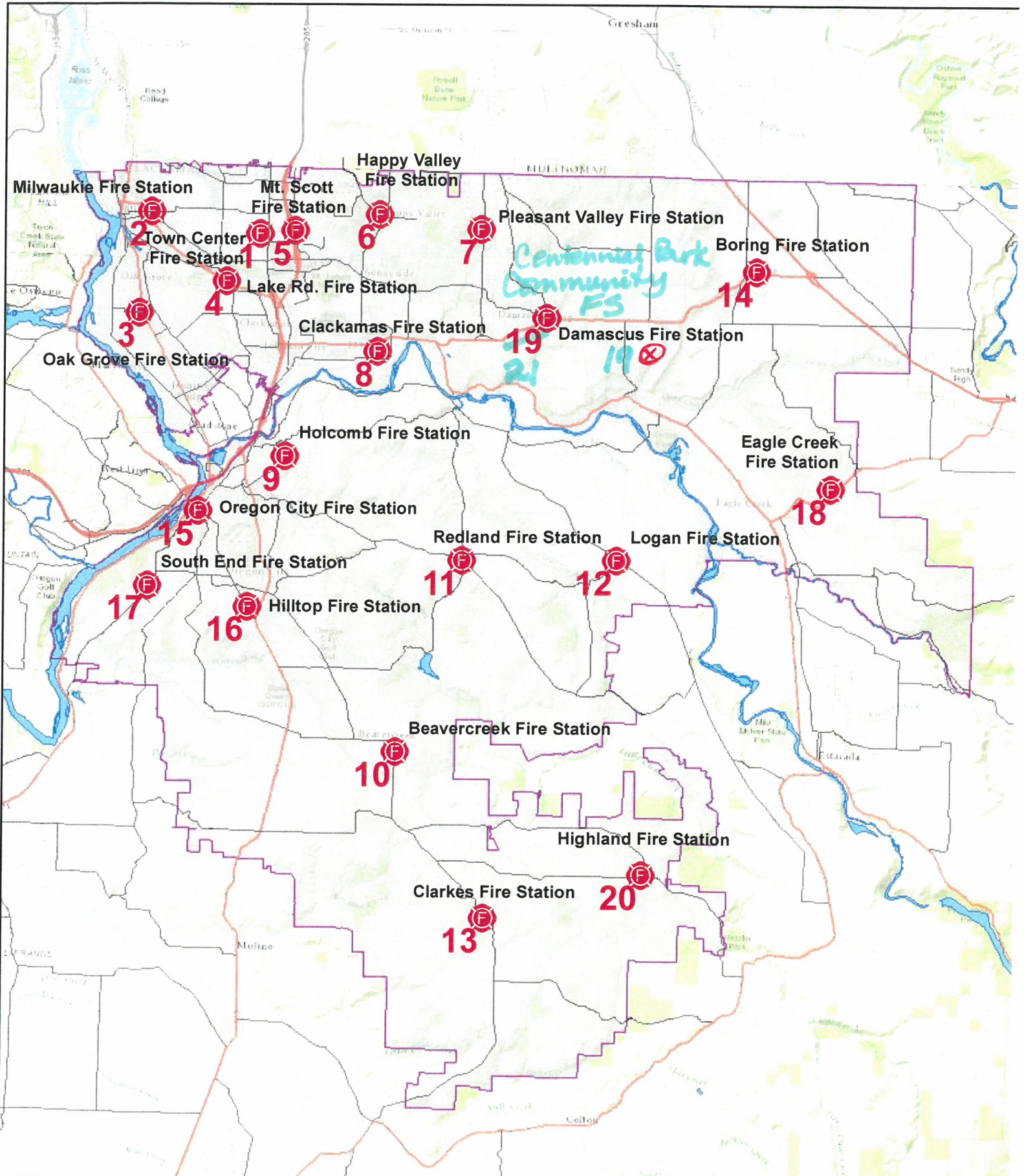
The District is defined in accordance with the provisions of Oregon Revised Statutes. The District includes territories lying in Clackamas and Multnomah Counties (see attached map). The Board, by policy, shall carry out its responsibilities ~~and the will of the people of the District,~~ in keeping with state and federal constitutions, statutes, rules, interpretations of the courts, and all the powers and responsibilities they provide.

4.1

Policies are adopted by the Board to govern and guide the operations and the affairs of the District. The policies are designed to help the Board carry out, effectively and efficiently, the responsibilities and duties delegated to it by law and the will of the people.

Clackamas Fire District #1 Map – station names and numbers

Clackamas Fire District #1



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FKO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

4.2

The Board reserves to itself all authority and responsibility delegated to it, unless otherwise assigned to the Fire Chief or others by the Board or by applicable statutes, ordinances, or regulations, or local action.

4.3

Policy designating the Board as the Contract Review Board. It shall be the policy of the Board, upon adoption of the appropriate resolution, to serve as the Fire District Local Contract Review Board pursuant to ORS 279A.060 (see Resolution 90-06 dated 12/10/90).

4.4

Collective Bargaining Agreement. It is the policy of the Board to delegate to the Chief (or his or her designee) the authority to engage in discussions for the purpose of reaching agreements with recognized employee groups, as required in the Oregon Collective Bargaining Law, ORS 243.650 through 243.782. The Board reserves to itself or its designee (Fire chief and his/her designees) the responsibility of negotiating with employee groups.

ARTICLE 5: MEMBERSHIP OF THE BOARD

The Board shall consist of five members (each a Board member or Director) serving four-year, staggered terms. A resident elector or property owner of the District shall be eligible to serve as a Board member in accordance with ORS 478.050 and District Ordinance C90-03 (adopted January 21, 1991).

5.1

Each Board member shall be identified by a position number. All members of the Board shall serve at large, representing the District as a whole.

5.2

Board position numbers are assigned as follows and will be transferred to the successors of the named Board member at the termination of their service in the position.

	<u>Position</u>	<u>Board Member</u>	<u>Term Expires</u>
	1	Thomas Joseph	6/30/ 19 23
	2	Don Trotter	6/30/21
	3	Marilyn Wall	6/30/ 19 23
	4	Jay Cross	6/30/21
	5	Jim Syring	6/30/ 19 23

Resolution 90-06 – Local Contract Review Board and Public Contracting Rules

CLACKAMAS COUNTY FIRE DISTRICT
RESOLUTION 90-06
LOCAL CONTRACT REVIEW BOARD
and
PUBLIC CONTRACTING RULES

Whereas, ORS Chapter 279 authorizes any public agency having a governing body to designate its governing board as the local contract review board;

Whereas, Public contracting agencies are required to adopt and observe public contracting rules; therefore be it

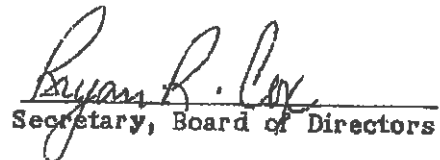
Resolved, That the Board of Directors of Clackamas County Fire District is hereby designated as the Local Contract Review Board;

Resolved, That by copy of this resolution, such intent be filed with the Clackamas County Commission; and be it further

Resolved, That the Board of Directors of Clackamas County Fire District hereby adopt OAR Chapter 137, Divisions 30 and 40, and OAR Chapter 125, Divisions 300 through 360 as rules for the Local Contract Review Board.

Adopted this date, December 10, 1990.


Chairman, Board of Directors


Secretary, Board of Directors

**CLACKAMAS COUNTY FIRE DISTRICT
ORDINANCE C90-03
Prohibiting Fire Fighters of the District,
Volunteer or Otherwise, and Other
District Employees From Serving as
Directors.**

Whereas, The Clackamas County Fire District is a duly organized fire protection district, established in accordance with Oregon Revised Statutes;

Whereas, ORS 478.050 authorizes the Board of Directors to prohibit, by ordinance, fire fighters, volunteer or otherwise, and other district employees from serving as directors of said district;

Whereas, It has been determined to be in the best interest of Clackamas County Fire District to prohibit the above mentioned fire fighters and employees from serving as directors of the Fire District;

NOW, THEREFORE, THE BOARD OF DIRECTORS OF CLACKAMAS COUNTY FIRE DISTRICT ORDAIN AS FOLLOWS:

That a district director of Clackamas County Fire District shall be an elector, or an owner, within the said district and shall not be a fire fighter of the district, volunteer or otherwise, nor any other district employee; and further

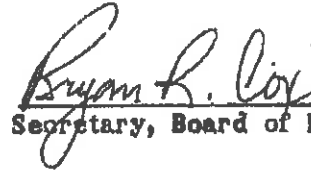
That the requirements of this ordinance do not apply to any regular district election which occurs less than one year after adoption of this ordinance.

READ by title this 10th day of December, 1990.

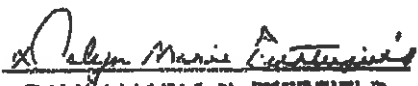
READ a second time by title and ADOPTED this 21st day of January, 1991.



Chairman, Board of Directors



Secretary, Board of Directors



CALVIN MARIE BUTTERFIELD
NOTARY PUBLIC OREGON
My Commission Expires 2/26/94

5.3

The election of the Board members shall be conducted as provided by ORS Chapter 255.

5.4

Board Member Certification. No person elected or appointed to the Board shall be sworn in unless they are determined by the Board to meet the qualifications as set forth in ORS [478.050](#) and any other Board qualifications. If a question exists as to the eligibility of any candidate, the Board will resolve the issue prior to swearing in.

5.5

New Board members shall take an oath of office at the June meeting prior to assuming the duties of the position. Unless filling a vacancy on the Board, terms of office shall start officially on July 1st. (ORS 255.335)

5.6

District Board Policy dictates that the Board President (President) and the Fire Chief be responsible for the appropriate orientation of new Board members.

The Fire Chief shall schedule a work session with new Board members to acquaint them with the facilities, equipment, and personnel and to provide copies and an overview of:

- Fire Board Policies
- Board Member Guide (OFDDA)
- Standard Operating Procedures and Statements of Policy

- District territory and boundaries
- District and Civil Service Rules and Regulations
- Labor and other major contracts

5.7

Directors' Compensation and Reimbursement. The Board shall reimburse Board members (in accordance with the limitations set forth in ORS 198.190 and Resolution C90-18) at the rate of \$50.00 per day for all regularly scheduled Board Meetings, Special Meetings, regional, state and national committees as a result of being on the Board; sanctioned Board Committee Meetings and conferences when approved by the Board and when in response to subpoenas or legal actions.

The Board shall reimburse Board members for reasonable expenses actually incurred while on District business, in accordance with ORS 198.190 and the District's own Standard Operating Procedure – Travel Authorization and Expense Reimbursement. These reimbursements shall be for reasonable, allowed expenses incurred while attending Board Meetings, Special Meetings, and sanctioned Board committee meetings and conferences. Such reimbursement shall extend only to the bona fide expenses of Board members, and shall not include recompense for a spouse's or companion's costs. Each

C90-18 – Establishing Board Member Compensation and Per Diem

CLACKAMAS COUNTY FIRE DISTRICT
RESOLUTION C90-18
ESTABLISHING BOARD MEMBER
COMPENSATION & PER DIEM

Whereas, ORS 198.100 provides that members of governing bodies may receive up to \$50 per day, or portion thereof, as compensation for services performed as a member of the governing body;

Whereas, Such compensation is not considered lucrative under the law;


Whereas, The law also provides that the governing body may also provide reimbursement of a member for actual and reasonable traveling and other expenses necessarily incurred in performing official duties; therefore be it

Resolved, That the Board of Directors of Clackamas County Fire District hereby provides compensation for attendance at Board Meetings and committee meetings, and reimbursement for traveling and other expenses (per diem) in conformance with ORS 198.100; and be it further

Resolved, That the amounts of such compensation, per diem rates, and conditions shall be maintained as a statement of Board Policy.

Adopted this date, December 10, 1990.


Chairman, Board of Directors


Secretary, Board of Directors

Board member shall present a statement and applicable receipts, supported by appropriate documentation. Examples of reimbursable expenses include:

- ~~Meetings~~ Travel costs to attend for sanctioned Board committees
- Travel to meetings and community events (e.g., Chamber luncheons)
- Parking for District-approved events
- Meals or per diem during the course of an approved meeting or conference

Expenses falling outside of the above categories would need to be approved by the Board at the next regularly scheduled Board meeting.

Expenses incurred for lodging shall be covered at the actual cost of lodging for single occupancy only. Reimbursement for dual occupancy is acceptable when Board members share a room.

Travel shall be reimbursed at an amount equal to the rate per mile established by the Internal Revenue Service when private autos are used, or the actual cost where commercial transportation is provided.

Meals shall be reimbursed at the actual cost so long as these are in compliance with the District's own Standard Operating Procedure – Travel Authorization and Expense Reimbursement reasonable and prudent. It shall be the responsibility of each Board member to prepare and present an account of expenses verified by receipts prior to reimbursement. Such reimbursement requests are to be considered public and shall be attached to the monthly register of bills to be paid.

It shall be the policy of the Board to keep all such financial transactions strictly public in an effort to preserve the public trust. The Board's quarterly per diem report will be included in the District's financial report each quarter.

5.8

Vacancies on the Board. It shall be the policy of the Board to declare a position on the Board vacant if: the incumbent dies, resigns, or is removed from office or no longer meets the qualification requirements of ORS 478.050.

In the event any of the above occurs, the Board will, at its next regularly scheduled meeting, deliberate the circumstances, may declare the position to be vacant by a majority vote of the Board, and then notify the Clackamas County Clerk of its decision.

5.9

Filling vacancies in the office of Director shall be in accordance with ORS 198 and ORS 255 as currently drafted or as amended from time to time.

5.10

When a District election is to be held for the purpose of electing members to the Board, the election officer shall cause to be published in accordance with ORS 255.075 the following information:

- Date of the election;
- Board positions to be voted upon;
- Latest date candidates may file for office.

The Clackamas County Clerk, serving as elections officer, has total responsibility for the conduct and administration of District elections.

ARTICLE 6: OFFICERS OF THE BOARD

It shall be a policy of the Board to elect officers of the Board during the month of September.

6.1

Under ORS 478.250, the Board shall seat a President, a Vice President, and a Secretary/Treasurer at its September meeting or at such times as the existing officer may resign from their office or vacate membership on the Board. All officers shall be elected annually, with

no officer serving more than two consecutive terms in any one office. Officers elected to fill an unexpired term shall serve until the end of their predecessor's term.

6.2

The President of the Board shall preside at all meetings of the Board and shall have the right to offer motions and amendments and to vote on motions put before the Board for action. The President shall sign on behalf of the Board such documents as may require an official signature.

6.3

The Vice-President shall perform all the duties of the President when acting in that capacity.

6.4

The Secretary/Treasurer of the Board or the Secretary/Treasurer's designee shall be responsible for keeping in the Board minutes an accurate record of all Board business as prescribed in ORS 192.620 and 192.650 regarding the Oregon Public Meeting Law.

6.5

The Secretary/Treasurer shall countersign such official documents requiring two Board members' signatures.

ARTICLE 7: POWERS AND DUTIES OF THE BOARD

It is the policy of the Board to exercise those powers granted to it by ORS 478 and to carry out those duties assigned to it as may best meet the fire and life-safety needs of the District.

7.1

Important activities of the Board are the formulation of policies ~~and rules~~ regarding District programs and services. In carrying out its legislative and policy-making responsibility, the Board shall delegate the administrative and executive functions to the Fire Chief.

7.2

The basic manner in which members fulfill their office must be at a regular, special, committee, or workshop meeting, and may be a matter of public record. The method of participation is discussion, deliberation, debate and voting. All members including the President are expected to participate fully in deliberation and voting. No recusals or abstentions from Board votes shall be allowed unless a conflict of interest is reported. Board members are encouraged to meet and discuss District business or Board relations with less than a quorum of the Board; but they shall not pre-arrange or promise votes or otherwise violate Oregon's public meetings law.

7.3

Board members, individually and collectively, act as representatives of the citizens of the District in maintaining and promoting fire and life-safety needs of the District.

7.4

Board members' decisions and actions shall best serve the needs of District citizens in light of available resources and information available to the Board at the time such decisions or actions are made .

7.5

The Board encourages members to participate in organizations such as the Oregon Fire District Directors Association, and others with similar benefit to the District. Membership fees shall be borne by the District and reasonable expenses incurred in attending meetings, seminars, and training sessions shall be borne by the District.

7.6

The Board members shall observe the Fire District's following Code of Conduct, designed to guide their actions in carrying out their responsibilities. A Board member should strive to respect the authority of the majority and understand his/her role as a board member.

7.7

The Board makes yearly appointments, approvals and reviews. The following guide shall be used to help maintain an efficient flow of District programs and services.

January

- Board approval of audit agreement
- Board approval of Clackamas Emergency Services Foundation budget
- Progress report regarding the strategic goals as listed in the Strategic Business Plan.

February

- Election information – submit information for re-election to Board of Directors to the Clackamas County Election Division for May election (odd numbered years).

March

- Board approval of three-year term renewals to the Clackamas Emergency Services Foundation Board

April

- Board approval of term renewal for Budget Committee Members
- Adoption of proclamation for EMS Week in May

May

- ~~Board review of Economic Indicators~~

- Adoption of proclamation for Safety and Health Week in June

June

- Swearing-in of elected/re-elected Board members (odd numbered years)
- Board approval of the resolution to adopt the budget, make appropriations, and levy taxes for the next fiscal year

July

- Progress report regarding the strategic goals as listed in the Strategic Business Plan

August

- Adoption of proclamation for National Preparedness Month in September

September

- Annual election of Board officers – President, Vice-President, Secretary/Treasurer
- Board of Directors’ Policy Manual Review – First reading
- Adoption of proclamation for Fire Prevention Month in October

October

- Board committee/liaison assignments determined
- Board of Directors’ Policy Manual Review - Adoption

November

- Presentation of Annual Audit
- Board approval of Budget Officer for the next fiscal year

December

- Board approval for District’s Insurance Carrier for next calendar year

7.8

Board shall bi-annually review and participate in the updating of the Strategic Business Plan.

7.9

The Board recognizes that it serves all people of the District and that each citizen of the District has individual political views. District staff, money, or resources may not be used to promote or oppose any political measure, initiative or referenda, PAC, or candidate. Therefore, as a public entity, the Board will not promote or oppose any political committee or promote or oppose the nomination or election of a candidate, the gathering of signatures on an initiative, referendum or recall petition, the adoption of a measure or the recall of a public office holder. However, this section does not restrict the right of the Board or individual Board members to support or oppose such measures—measures, initiatives or referenda, PACs, or candidates or express their own personal political views as long as they are not using government resources, facilities, staff, or time to do so. This section also does not prevent the Board from supporting or opposing

legislative measures or providing neutral information on any measure, initiative, candidate, initiative, referendum or recall petition.

7.10

The Board shall actively strive to involve the public in the decision making process through periodic contact with community and civic groups.

ARTICLE 8: BOARD ~~ADVISORY~~ COMMITTEES/LIAISONS

It is the policy of the Board to establish ~~advisory~~ committees/liaisons when it is found to be in the best interest of the District to do so. Generally speaking, such committees gather information, report to the Board, or advise the Fire Chief and his or her designated staff.

8.1

It is the policy of the Board to maintain the following standing committees/liaisons (see list in Appendix A):

- Capital Projects Committee
- Clackamas County Coordinating Committee (C4) Liaison
- Emergency Medical Services (EMS) Committee
- Executive Committee
- Foundation Liaison
- Legislative Committee
- Interagency Committee
- Volunteer Association Liaison

and other special committees/liaisons as deemed necessary. The Board President or designee shall outline the duties and responsibilities at the time of appointment. A Board member(s) shall serve on all standing or special committees. Special committees shall be considered dissolved upon submission of a final report unless their standing is continued by a vote of the majority of Board members.

8.2

The Budget Committee, as a legally mandated committee, shall be considered a standing committee whose duties continue year to year.

8.3

Committees may provide information and serve in an advisory role to the Fire Chief or his or her designee concerning District matters assigned to them. The Board is responsible for setting priorities and making policy.

8.4

It shall be the responsibility of the Fire Chief to advise the various committees as to the requirements of the Oregon Public Meetings Law (ORS 192.610 through 192.710) and the Oregon Public Records Law (ORS 192.410 through 192.505).

8.5

The Fire Chief shall be responsible for compliance with the Public Meetings Laws. (ORS 192.640)

ARTICLE 9: METHODS OF OPERATION OF BOARD MEETINGS

It is the policy of the Board that all meetings be conducted in accordance with Oregon and federal statutes and rules, the decisions of the courts, and with proper regard to "due process" procedures. In so doing, the Board will seek information from staff and other sources as appropriate, before decisions are made on policy and procedural matters.

9.1

All meetings of the Board are open to the public, except as provided for in authorized executive session~~Executive Sessions~~. Notice of all meetings and a copy of the proposed agenda shall be sent to all persons making request in writing, and will be made available to the news media prior to the date of the meeting (ORS 192.610 - 192.690). A ~~nominal~~-fee may be charged for copies of public records in accordance with rules established by the Board. The District will cause the regular meeting date and time to be published monthly in the District newspaper of record.

9.2

All meetings are to have at least a 24 hour advance notice except in the case of an emergency (ORS 192.640). Board meeting notices are to be distributed to all District stations and facilities and the news media notified.

9.3

Regular meetings of the Board shall be held at the Mt. Scott Fire Station located at 9339 SE Causey Avenue, Happy Valley, on the third Monday of each month at 6:00 pm and on the subsequent Monday if there is a conflict with a holiday, or at an alternate date and time as may be determined by the Board from time to time. The regular meeting of the Board in January and February of each year will be held on the fourth Monday of the month.

9.4

Special or emergency meetings of the Board may be called by the Board President or by petition from a majority of the Board members or by request of the Fire Chief. All such meetings must comply with Oregon Public Meetings law.

9.5

It is the intent of the Board to encourage attendance and participation at Board meetings by all interested persons and residents of the District.

9.6

In order to accomplish the tasks of the Board in an orderly and expeditious manner, the Board will attempt to limit repetitious testimony and discussion whenever possible so as not to inconvenience those persons bringing business before the Board. The Board may limit public comment to three minutes per speaker; although it may make exceptions to this rule from time to time. During public comment, the Board's job will be to listen and take notes. Board members may not be prepared at that time to answer inquiries or provide information; but may ask the President to place a discussion item on a future agenda or the Fire Chief or staff to follow up on certain discussion items.

9.7

The President may regulate the order and length of appearances and limit appearances to presentations of relevant points. The President may also permit audience comments relative to a specific motion prior to the final vote of the Board. The degree of audience participation comment will depend upon time available and the significance of the matter under discussion.

9.8

The Board shall provide in the agenda of its regular meeting a specific time to hear the public comments, concerns, and suggestions from its citizens or from visitors with interests in the District.

9.9

It shall be the policy of the Board to recognize itself as a policy-making body that deliberates at regularly scheduled meetings and each Board member shall make a diligent effort to be present and participate fully.

9.10

A condensed version of Robert's Rules of Order (revised) shall be adopted as the official procedures for conducting Board and committee meetings except where they are in conflict with any other procedures adopted by the Board. Notwithstanding the above, all motions will require a second before proceeding to any discussion or a votes and the President must repeat the motion clearly and unambiguously prior to any vote. Board members must ask clarifying questions if they have any uncertainty about the effect of a vote or the motion being considered.

9.11

The Fire Chief, in cooperation with the President, shall prepare an agenda for each meeting and have it available with supporting information, to each Board member at least 48 hours (except weekends) prior to each regular meeting.

9.12

A majority of the members of the Board shall constitute a quorum. The affirmative vote of at least three members present at any meeting having a quorum shall be considered sufficient for action, unless the law or these policies expressly requires a different number of affirmative votes for certain matters. except for actions required otherwise by law or these policies. If only three members are present, constituting a quorum, a unanimous vote is required to approve a motion.

9.13

Board minutes shall reflect roll call votes at all times unless the vote is unanimous. Any Board member may request that a vote be changed if such request is made prior to consideration of the next order of business.

9.14

Any Board member may append onto the record, at the time of voting, a statement indicating the reason behind the vote, or the reason for abstaining or choosing not to participate in the voting due to a conflict of interest. No other abstentions, recusals, or failures to participate in a vote shall be allowed.; A Board member shall declare the nature of an asserted conflict of interest on the record where such a conflict exists. (ORS Chapter 244)

9.15

Board ~~executive session~~Executive Sessions may be attended by representatives of the news media per ORS 192.660 except for those sessions dealing with labor negotiations and litigation against the news medium. The Board may also invite necessary staff or personnel into an executive sessionExecutive Session as needed.

9.16

The Board recognizes the following as news media organizations eligible to attend ~~executive session~~[Executive Sessions](#) because they have an established history of meeting the requirements of this policy.

- The Oregonian
- The Clackamas Review/Oregon City News or affiliated newspapers
- Daily Journal of Commerce, Portland
- Willamette Week
- KGW, KATU, KOIN, KOPB and KPTV

9.17

Representatives of the above named organizations shall be permitted to attend ~~executive session~~[Executive Sessions](#) upon a showing of their credentials. Other news media may attend an ~~executive session~~[Executive Session](#) if recognized through the procedure set forth in Section 9.19. Representatives of the organization shall provide evidence of their credentials prior to such session.

9.18

Representatives of news organizations not listed in Section 9.16 of this policy may apply for permission to attend ~~executive session~~[Executive Sessions](#) on behalf of a news organization by filing a request for recognition with the Fire Chief following notice of the meeting and prior to an ~~executive session~~[Executive Session](#) the organization wishes its representative to attend. The review of the request shall be based upon a determination of the eligibility of the organization under this policy and evidence of the authority of a representative to appear on behalf of that organization. Once approved, the organization shall not be required to re-apply for recognition at future sessions unless the recognition is revoked or there is substantial reason to conclude that the organization is no longer eligible.

9.19

Standards for recognition for determining whether a news organization will be permitted to have its representative attend ~~executive session~~[Executive Sessions](#) will include the following criteria:

- If the organization is a print medium, the organization shall provide evidence of general or associate membership in the Oregon Newspaper Publishers Association.
- If the organization is a television or radio broadcaster, the organization shall provide evidence of membership in the Oregon Association of Broadcasters. Evidence of membership in the Associated Press shall also be sufficient.
- Alternatively, the organization may provide satisfactory evidence that it is organized and operated to regularly and continuously publish, broadcast or otherwise disseminate news to the public.
- The organization is determined to be a business entity that is institutionalized, is regularly represented by multiple personnel with defined roles within the organization.

- The organization that is institutionalized is regularly represented by multiple personnel with defined roles within the organization.
- The organization is committed and structured to support the terms of ORS 192.660(4) with respect to nondisclosure of information or discussion designated as confidential.
- The fact that an individual or group of individuals maintains a computer website or “blog” or corresponds with others on a matter does not in and of itself constitute being a news media organization under this policy. The District may make an independent decision, applying applicable law, regarding whether such individuals constitute “media,” taking into account whether the individual or organization regularly reports on District matters or on the issues being discussed, among other aspects.-

9.20

A news media organization or representative denied recognition by the Fire Chief under this policy may appeal that decision by giving notice of appeal to the Fire Chief. The Board shall consider the appeal in open session prior to the scheduled ~~executive session~~Executive Session and may affirm, reverse or modify the Fire Chief’s determination.

9.21

Cameras or other recording devices may not be used in ~~executive session~~Executive Sessions, except for the official ~~executive session~~Executive Session ~~tapes-recordings or notes~~ made by District staff.

9.22

A representative of a news media organization that has a direct personal, business, or adverse legal interest in the subject of the ~~executive session~~Executive Session that would frustrate the purpose of the ~~executive session~~Executive Session may be barred from attending, subject to applicable law.

9.23

By attending the ~~executive session~~Executive Session, the news media organization and its representative agree not to print or publicly disclose the discussion at the session (per ORS 192.660(4)) until the Board of Directors has taken official action regarding the subject matter of the discussion.

9.24

The Board may revoke the recognition of a news media organization or a representative if, after notice to the organization or representative, the Board finds that the facts upon which original recognition was granted are no longer true, or upon a finding that the organization or its representative has willfully disclosed information or discussion at an ~~executive session~~Executive Session designated as confidential.

ARTICLE 10: MEETING MINUTES, PUBLIC RECORDS

10.1

The minutes of the meetings of the Board shall be maintained in the Administration Office of the District and shall provide for information as required by law (ORS 192) and Board policies.

10.2

The Board Secretary or staff designee shall record all proceedings of the Board meetings and file these in chronological order in a book provided for that purpose.

10.3

The official minutes of Board meetings, including supporting documents, shall be open to inspection by the public at the office of the Fire Chief during regular business hours. Minutes of executive meetings are not subject to this provision in accordance with ORS 192.

10.4

The District recognizes the right of any member of the public to inspect nonexempt public records in accordance with guidelines established by the Attorney General of the State of Oregon and District public records disclosure policies. When access to District records is granted, examination will be made in the presence of the record custodian regularly responsible for maintenance of the files or by a staff member designated by the Fire Chief. Some records are archived off-site. These may be requested and will be available at the Administration Office as soon as practicable and without reasonable delay. The request must be made in writing and submitted in person, by mail, by fax or by e-mail. (ORS 192.420) Pursuant to Oregon's public records law and the District's fee schedule, the District may charge the requestor a reasonable cost-based fee for disclosure of the records.

10.5

In accordance with the Oregon Public Records Law, certain records, such as executive meeting minutes, ~~and certain~~ personnel records, and other confidential or exempt records are not included in the category of records to which the right of access is to be granted by the Fire District.

ARTICLE 11: DELEGATION OF BOARD AUTHORITY

11.1

The Board has primary responsibility for the approval of District plans and procedures and for the appraisal of the ways in which these decisions are implemented and results obtained. The Board recognizes its authority to delegate specific responsibilities to the Fire Chief for the implementation of the programs and services of the District.

11.2

The Board will approve a position description for the Fire Chief. The Board will negotiate and enter into a contract with the Fire Chief which specifies the terms and conditions of employment.

11.3

At such time that a vacancy occurs or is imminent in the Fire Chief's position, the Board President shall appoint a committee to begin the recruitment and selection process.

11.4

The Fire Chief shall serve as ~~executive-Executive officer-Officer~~ of the District and shall have the responsibility for:

- preparing the agenda in accordance with Section 9.11 for each meeting, attending all Board meetings, unless excused, and participating in deliberations of the Board as required;
- bringing to the attention of the Board matters requiring its consideration;
- reporting periodically to the Board on the progress of programs in the District;
- reporting to the Board any appointments, demotions, transfers, and dismissals in accordance with the policies and procedures of the ~~Board and~~ Civil Service ~~Board~~ Commission as applicable;
- all personnel and administrative actions and decisions;
- other duties as more specifically provided in the employment contract and/or job description.

11.5

The Board delegates to the Fire Chief the function of specifying the required actions and designing the detailed arrangements under which the District will be operated. Such Standard Operating Procedures will detail the operations of the District.

ARTICLE 12: FIRE DISTRICT LEGAL COUNSEL

12.1

It shall be the responsibility of the Board to select legal counsel to represent the legal needs of the District. The Board shall have the responsibility to seek the advice of legal counsel whenever it is unclear regarding legal questions or whenever an action being considered by the Board may result in placing the District in legal jeopardy. When legal counsel is needed, the Fire Chief will make the contact regarding the issue in question unless the matter is in regards to

the Fire Chief. If this is the case, the Board President or designee will initiate contact with legal counsel. Notwithstanding the above generally- applicable rule, a Board Member may make direct, confidential contact with legal counsel if state or federal law requires that Board member to keep the information conveyed to counsel confidential. If possible, legal counsel will notify the Fire Chief or the Board President of such contact without divulging any confidential information.

ARTICLE 13: FIRE DISTRICT POLICY ON TAX INCREMENT FINANCING (URBAN RENEWAL) DISTRICTS.

13.1

The Board establishes the following general policy relating to urban renewal districts and tax increment financing. The proposed creation of each urban renewal district, or proposed amendments to existing urban renewal plans that increase the maximum indebtedness shall be individually reviewed and scrutinized by staff for economic and operational impact. Results of these findings will be reported to the Board.

13.2

OR ~~457.085~~ Chapter 457 requires that urban renewal agencies "shall consult and confer" with each affected taxing district prior to presenting an urban renewal plan for approval, but does not require consultation with such districts during a plan's development. Therefore, the District shall monitor municipalities within its jurisdiction for activity relating to both urban renewal districts and plan amendments and will notify such municipalities of the District's desire for early consultation and involvement.

13.3

OR ~~457.085 (5)~~ Chapter 457 provides ~~that any written recommendations of the governing body of a taxing district affected by a proposed urban renewal plan shall be accepted, rejected or modified by the governing body of the municipality in adopting the plan~~ the governing body of each taxing district with 45 days following receipt of the urban renewal plan and report to submit written recommendations to the urban renewal agency, which the municipality's governing body may accept, reject, or modify. Accordingly, it shall be the policy of this Board to specify to the governing body of the municipality approving the plan, in writing, any of its recommendations that are not included in the proposed plan.

13.4

Staff shall evaluate each proposed urban renewal plan and plan amendment that increases maximum indebtedness, for its short-term and long-term economic costs and benefits, and for its operational impact on the District. Such evaluation shall compare the costs and benefits with and without the urban renewal plan or amendment, as appropriate. Upon completion of this evaluation, staff will present a report to the Board.

13.5

In supporting our municipal partners' efforts to create jobs and promote economic development, the Board believes that properly-constructed urban renewal plans that attract private investment, alleviate blighted areas and increase assessed value can ultimately benefit all public service providers. The staff and Board will continue to dialogue with the sponsoring agency prior to deciding whether to support, oppose, recommend changes, or remain neutral regarding the proposed urban renewal plan.

13.6

Believing that upon reaching a plan's maximum indebtedness urban renewal plans should be retired, the Board will generally oppose plan amendments that seek to increase maximum indebtedness.

13.7

Upon review of staff's evaluation and report on a proposed urban renewal plan or plan amendment the Board may:

- Support the proposed urban renewal plan or plan amendment when the use of tax increment finance (TIF) is limited, generally, to the types of projects which have been shown to be effective in encouraging private investment, thereby increasing assessed value.
- Support the proposed urban renewal plan or plan amendment when the urban renewal plan does not rely exclusively on TIF but, rather, includes other funding sources such as general fund revenues, general obligation bonds or grants.
- Oppose approval of the proposed urban renewal plan or plan amendment when TIF is used to fund public amenities that are not shown to be effective in encouraging private investment.
- Oppose approval of the urban renewal plan or plan amendment when the use of TIF is proposed to fund improvements which are either outside of the urban renewal area or, to the extent that such improvements serve identified needs which are outside of the urban renewal area, is disproportionate to the relationship (assessed value or territory) of the urban renewal area to the balance of the jurisdiction.
- Oppose approval of the urban renewal plan or plan amendment when existing or anticipated District resources are insufficient to meet the anticipated demand caused by proposed plan-supported development.

- Recommend or request changes that improve the urban renewal plan or plan amendment; and support, oppose or remain neutral pending the city or county addressing those changes.

ARTICLE 14: DISTRICT POLICY ON ENTERPRISE ZONES TAX ABATEMENT

14.1

The Clackamas Fire District #1 Board of Directors recognizes that ORS 285C.050 to 285C.250 authorize cities, counties and port authorities to establish Enterprise Zones (EZones). The stated purpose of an EZone is ~~to provide an incentive to certain businesses to make investments in taxable property and to provide additional family wage employment in the community by allowing deferral of ad valorem taxes on the new investment property for three or five years, referred to in the statutes as tax exemption~~ stimulate and protect economic success by providing tax incentives for employment, business, industry and commerce and by providing adequate levels of complementary assistance to community strategies for such interrelated goals as environmental protection, growth management and efficient infrastructure. The assumptions are that the program will encourage employers within the EZone to make investments in taxable property that would not otherwise be made, that the new property will result in the creation of new local jobs that would not otherwise be available, and that the investment property will remain as a valuable addition to the tax base after the tax exemption expires.

14.2

The process for creating an EZone requires that the sponsoring city, county or port authority submit the proposal to the Oregon Economic and Community Development Department for review and approval. ORS 285C.067 further requires that the sponsor consult with all taxing districts within the proposed EZone before submitting the application.

14.3

The Board adopts this policy on behalf of the District with respect to any property that is subject to the taxing authority of the District or to a contract for the services of the District. This policy shall provide guidance to local governments sponsoring EZones as to the position of the District on those EZones, and to the Fire Chief or his designee in responding to opportunities for meetings or consultation with those sponsoring agencies.

14.4

The Board appreciates the importance of providing incentives for investments and job creation that an EZone may provide, so long as the deferment of taxes payable to the District does not impose a financial burden on District resources and require that the District provide fire and life safety services to the beneficiary without resources to do so. Ad valorem property taxes are virtually the only source of funds by which the District provides firefighting and emergency

medical aid to the Clackamas County community. Providing for new taxable property and exempting it from the tax rolls means that the District must protect the property and the employees without the funds to do so. It is the Board's strong view that, if sponsoring agencies fail to consider carefully the impact of tax exemption on the District's ability to provide fire and life safety services, or if they waive or fail to implement the conditions provided by state law with respect to EZones, the very purpose of the program is defeated.

14.5

The Board requires as a condition of its assent to tax exemption that an agency sponsoring an EZone provide for an agreement with the applicant for tax-exemption providing for annual payment to the District during the term of tax exemption an amount equal to 30 percent of the District's current tax rate applicable to the exempt property to reimburse the District for that portion the District levy representing the direct cost of fire and emergency services for the exempt property.

14.6

The Board welcomes the opportunity for the District to review the terms and provisions of any proposed EZone on a case by case basis, but by the adoption of this policy serves as notice of the Board's concerns regarding these issues:

- Existing EZone boundaries or exemption of taxable property should not be amended unless the sponsor, in consultation with the District, concludes that the amendment is in the best interests of the community at large and will not diminish the District's ability to provide services.
- Tax exemption granted to an eligible business should not be extended unless all terms of the original tax exemption grant, including the number of employees to be hired and the wages to be paid, have been met in full for the entire exemption period.
- Original requirements for tax exemption granted by a sponsor should not be amended, altered or waived if such action would reduce, eliminate or materially alter the requirements that were presented to the District as the conditions for the tax exemptions being granted, including without limitation the base wages to be paid and employee addition requirements.
- The Board may consider EZone proposals on a case by case basis, but generally will not support EZone applications for tax exemptions that propose primarily additions of machinery or equipment or upgrades, as such improvements generally do not add assessed value at the end of the exemption period due to depreciation, wear and tear or obsolescence, defeating the concept of added taxable value in the long term.
- Sponsoring agencies should require that applicants for tax exemption include proposals to enhance the level or efficiency of local public services within the proposed EZone, including firefighting and police services.

- The Board generally opposes any termination of the existing statutory sunset provisions for EZones. The District further opposes the creation of EZones on land that is or has formerly been designated as an urban renewal area.



APPENDIX A

CFD#1 BOARD COMMITTEES/LIAISONS

	2017/2018	2018/2019	Staff Liaison
CAPITAL PROJECTS COMMITTEE: To provide Board oversight and input into the District's long-range capital needs. <i>Quarterly (Minimum)</i>	Trotter Wall	Trotter Wall	Chief Charlton/ Finance Director Christina Day
CLACKAMAS COUNTY COORDINATING COMMITTEE (C4) LIAISON: To provide Board representation to neighboring areas with which the District has significant relationships. <i>Monthly.</i>	Alt.: Trotter	Alt.: Trotter	Chief Charlton
EMS COMMITTEE: To provide input into the EMS service delivery system issues related to CFD1 from an elected representative's perspective. To provide Board representation with TVF&R and Lake Oswego Fire Dept. in providing consulting services regarding the EMS Consortium according to ORS 190. <i>Quarterly (Minimum)</i>	Cross Joseph	Cross Joseph	Division Chief Bill Conway
EXECUTIVE COMMITTEE: To provide a forum to enable the Board to review the annual performance of the CEO <u>Fire Chief</u> and to perform other duties as assigned by the Board Chairperson <u>President</u> . <i>Semi-annually (Minimum)</i>	Syring Wall Alt.: Joseph	Syring Trotter Alt.: Wall	Chief Charlton
FOUNDATION LIAISON: To provide timely updates and information to the Board on the affairs of the Foundation. The Chairperson <u>President</u> shall appoint a Board member to act as a liaison between the Board and the Clackamas Emergency Services Foundation (Foundation). The liaison shall attend the <i>bimonthly</i> Foundation meetings and provide updates at the monthly Board meetings.	Trotter	Trotter	Chief Charlton
LEGISLATIVE COMMITTEE: To provide a forum for staff and Board representatives to discuss the political implications of Board action and impacts of legislative proposals on the District . <i>Quarterly (Minimum)</i>	Joseph Wall	Joseph Wall	Chief Charlton
INTERAGENCY COMMITTEE: To provide Board representation to other governmental agencies <u>and strategic partners</u> that the District serves or has significant relationships with. <i>Quarterly (Minimum)</i>	Joseph Syring Alt.: Trotter	Joseph Syring Alt.: Trotter	Chief Charlton
VOLUNTEERS' ASSOCIATION LIAISON: To provide Board representation at the Volunteer Association meetings. <i>Quarterly (Minimum)</i>	Syring Alt.: Trotter	Syring Alt.: Trotter	Battalion Chief Steve Deters



Fire Chief's Office

To: Chief Fred Charlton and the Board of Directors
From: Public Information Officer Brandon Paxton
Re: Public Information Office Monthly Report – August 2019

District or Community Events:

- Career and volunteer apparatus participated in National Night Out, Aug. 6

Earned Media (TV, Radio and Print):

Total Story Count:	57
Total Audience:	649,858
*Total Calculated Ad Value:	\$9,605
*Total Calculated Publicity Value:	\$28,818

*Calculated Ad Value uses the 30-second ad value multiplied by the detected length of the story or the printed ad value, and determines what the Fire District would have paid for the ads or broadcasts.

*Calculated Publicity Value is when a news story appears during TV and radio broadcasts, or print media that is promoted as being much higher than the value of placing an ad or broadcast. The industry standard is to say that the story is actually three times more valuable.

Social Media by the Numbers:

- Twitter: 10,658 Followers (10,514 in July)
- Instagram: 3,249 Followers (3,112 in July)
- Facebook: 7,659 Followers (7,446 in July)

Public Messaging and Campaigns:

- Notice and opportunity for public comment of the Natural Hazard Mitigation Plan draft document
- Fire Danger Level at High
- Recruitment for Fleet Technician, Logistics Assistant, and Mobile Communications Specialist
- Capt. Kinne's involvement as an instructor in the Fire-Up Bootcamp, Pamplin article shared
- Heat Safety and Clackamas County Cooling Centers

Meetings Attended:

- Fire Danger Levels/Burn Messaging meeting with FM Olson and AT Grisham, Aug. 6
- EMS/PIO Chain of Survival planning meeting, Aug. 8
- Discussion regarding old Fleet Building with BC Deters and Div. Chief Gehrke, Aug. 14

- Good Morning Oregon City Chamber meeting
- Internal Communications Plan/Priority meeting with Div. Chief Whiteley, Aug. 21
- Zoom Beta Test/Practice with chief officers and executive staff, Aug. 27-29
- BC302 and T302 attended the Milwaukie Public Safety Advisory Committee meeting and BC301 and E314 attended the Boring CPO meeting, and provided fire district updates on the following:
 - National Night Out on Aug. 6 with career and volunteer apparatus participation across the district.
 - Happy Valley First Responder and Family Safety Night on Aug. 22 that provided Hands Only CPR/AED instruction, bike helmet giveaways, and lifesaving information.
 - Public input was sought for two weeks (July 29-Aug. 2) regarding the update to our National Hazard Mitigation Plan document. This plan develops processes that will help the fire district recover and be able to perform efficiently in the event of a natural disaster. Once the plan is adopted, we will also be eligible to apply for federal funding towards natural hazard mitigation projects.

Respectfully submitted,

Public Information Officer Captain Brandon Paxton

Business Services Division

To: Chief Fred Charlton and the Board of Directors
From: Deputy Chief Doug Whiteley
Re: Business Services Division Monthly Report – August 2019

- Prepared for Board of Director's planning retreat.
- Attended Special Board Meeting.
- Began work of firefighter hiring analysis with Human Resources.
- Participated in planning meeting with Labor.
- Worked on organizational succession planning.
- Met with staff regarding data and mapping needs for next 12 months.
- Met with Data Services staff regarding records retention and archiving programs.
- Attended Interagency Meetings with Estacada Fire.
- Attended Fire Defense Board in Estacada.
- Met with EM Ramirez regarding Emergency Preparedness Month planning.
- Rode along with Battalion Chiefs.
- Visited numerous stations.
- Participated in planning meeting with Department Heads.
- Worked with Human Resources to develop annual staff training list.
- Distributed 2nd self-assessment manual assignments for the 2020 Accreditation.
- Attended Oregon City Chamber Board meetings and other Chamber functions.
- Attended several Rotary Club meetings.
- Worked with Legal Counsel on several matters.
- Worked on Accreditation self-assessment manual documents.
- Reviewed and updated policies.
- Updated job descriptions and testing documents for upcoming processes.
- Met with Local 1159 on various matters.
- Attended LGB quarterly insurance update.

Respectfully submitted,

Deputy Chief Doug Whiteley

Business Services Division

To: Chief Fred Charlton and the Board of Directors

From: Division Chief Joshua Gehrke

Re: Business Services Division Monthly Report – August 2019

- Finalized job descriptions and started process for filling vacancies in various departments (Fleet, Logistics, ITS and Training).
- Attended and participated in the ResilientFirst Demo.
- Continued to work on writing for the accreditation process.
- Attended the Organizational Development Committee meeting.
- Attended and participated in multiple meetings around the topic of our new communications plan and organizational briefings.
- Participated in state peer support teleconference to share selected logo.
- Attended Labor Management Committee.
- Attended Planning Retreat with chief officers.
- Attended interagency meeting for the contract for service presentation.
- Met with Chief Deputy Michael Heffner to discuss Hazmat program demonstration.
- Worked on the MdE-Inc. platform collaboration for our annual evaluation process.

Respectfully submitted,

Division Chief Joshua Gehrke

Business Services Division

To: Chief Fred Charlton and the Board of Directors

From: Fleet Director Bill Bischoff

Re: Fleet Services Division Monthly Report – August 2019

During the month of August, the following are some of the major items that fleet maintenance personnel addressed:

Engines

- 3-143 E313- Water tank leak, PM and write ups- becoming E313
- 2-123 E317- Rear camera install and write ups.

Trucks / Heavy Rescue

- 2-205 T304- PM and write ups
- 2-365 HR305- PM and write ups, new tires, warranty CZ display.
- 2-200 T328- PM and write ups
- 2-404 RH321- Write ups, fridge INOP

Brush Rigs / Water Tenders/Boats

- 2-364 BR318- At Ford dealership for engine replacement- two cylinders with damage
- 2-308 New IE309- Placed new Interface into service and bring in old one for some minor work prior to placement at Station 6.
- 2-332 WT- Remove from service and prep for sale on GovDeals

Staff Vehicles / Medic

- 2-571- Rear hatch repair
- Several staff cars in for PM and minor repairs
- 2-445 M303- Door locks constantly unlocking on own- electrical gremlins
- 2-583- Shop truck PM and warranty work completed.

Other Items

- Fleet did also provide some AC work on a Hoodland water tender that was INOP. We also performed the PM on this apparatus since we had committed to doing this prior to our limited term IGA.
- Continue field service and other shop work on Gladstone, Canby, and Lake Oswego apparatus.

- Fleet lost a technician at the very end of July and we are in the process of hiring a new employee. The job posting closes on September 15 and interviews will follow soon after.
- We are currently working on getting back-up camera systems installed on our pumpers, beginning with the newest PUCs.
- Fleet has also begun the process of billing C800 for the Clackamas County tap out project.

Respectfully submitted,

Fleet Director Bill Bischoff

Business Services Division

To: Chief Fred Charlton and the Board of Directors

From: Information Technology Services Director Oscar Hicks

Re: Information Technology Services Division Monthly Report – August 2019

Initiated

- Division goals realignment.
- Mobile communication audit.

In Progress/On-going

- HP DaaS – Desktop as a Service.
- ITR – Information Technology Review.
- Munis – ADFS integration for Single-Sign On.
- 130th Campus move / consolidation.
- FTE backfill ITS Mobile Technician.
- Sophos Email security / filtering.
- CAD replacement / alternative – FieldOps.
- IPads and Intterra - Reporting & Analytics.
- Managed Services research and engagement.
- Documentation of technology processes.

Completed

- Apple I-enrollment via Verizon.
- Pre-plan data update process w/ CCOM.
- LanSweeper / Helpdesk Update.

Respectfully submitted,

Information Technology Services Director Oscar Hicks

Business Services Division

To: Chief Fred Charlton and the Board of Directors

From: Logistics Director DeAnn Cordes

Re: Logistics Division Monthly Report – August 2019

The following summary of work includes those activities completed within Logistics.

- Logistics filled and delivered 324 orders entered into Munis. This was down 6% from August of last year.
- Logistics filled and delivered 44 controlled medication orders; which is up 43% from August of last year.
- Staff delivered Emergency Services Foundation Funds this month.
- Staff attended and represented Logistics at the EMS Committee Meeting.
- Logistics has had a vacancy since the retirement of Allen Oswalt, Logistics Technician, in June. This month we posted the position of Logistics Assistant and are anxious to get the position filled. Met with Human Resources to go over the qualifications and finalize the job description. The advertisement will be open for two weeks.
- Met with the Chief, training and operations regarding PFAS chemicals in our firefighting foam and other products. Worked with our vendors and helped to research whether some of our products contained these chemicals.
- Went to Estacada Fire for a site visit. This visit assisted in the preparation of Logistics' portion of the proposal for services contract.
- Assisted the crew with the Interface Engine 309 switchover.
- Prepared the ID badges for our Community Emergency Response Team (CERT) members. Over 60 badges were printed.

Respectfully submitted,

Logistics Director DeAnn Cordes

Business Services Division

To: Chief Fred Charlton and the Board of Directors

From: Fire Marshal Shawn Olson

Re: Fire Marshal's Office Monthly Report – August 2019

Engineering Fire Marshal's Office staff reviewed 75 buildings and land use projects in the month of August 2019. In addition, two new business inspections were conducted, as well as 23 new construction inspections.

Enforcement A total of 332 inspections were carried out in the month of August 2019. These include fire and life safety inspections, special inspections completed by the Fire Marshal's Office staff, and the lockbox and target hazard inspections completed by the fire companies.

Public Education Fire Marshal's Office staff and companies conducted or participated in 27 community activities during August 2019. These include Hands-Only CPR presentations, fire safety presentations, station tours and a number of other public events. Many crews attended National Night Out events throughout the District.

North Clackamas School District and Oregon City School District received numerous brochures notifying them of the upcoming Hilltop Health and Safety Fair set for September 14th.

September 24th, FMO staff will be partnering with TVFR at George Fox University for a residential fire sprinkler side-by-side burn demonstration. Incoming students will learn about fire safety in the dorms and the importance of fire sprinklers.

Investigation Three FMO staff members will be attending the annual IAAI-Fire Investigation Conference in Newport the week of September 16th.

Additional Notes from the Fire Marshal

- Chaired Oregon Fire Sprinkler Coalition at CFD Station 4 on 8/1. Group discussed upcoming residential fire sprinkler outreach ideas.
Attended meeting with county building official to discuss upcoming changes with Oregon Fire Code in preparation for October statewide code adoption.
Working with TVFR Fire Marshal for countywide consistencies when applying access and water supply to plan review.
- Attended and spoke at Stone Creek Golf Course Fire Department Access Gate Ceremony with County Commissioners and county representatives.

- Attended meeting with NFPA NW Regional Manager Ray Bizal to discuss codes/standards and Oregon Fire Sprinkler Coalition.

Respectfully Submitted,

Fire Marshal Shawn Olson



CLACKAMAS FIRE DISTRICT #1

Create a Home Escape Plan!

Fire Prevention Week
October 6 - 12, 2019

Not every hero wears a cape.

PLAN
and
PRACTICE
your
ESCAPE!
firepreventionweek.org



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HEALTH & SAFETY FAIR



A FREE day of fun, health, and safety events for the whole family!

Saturday, September 14, 2019
10:00am-2:00pm
Danielson Hilltop Mall
358 Warner Milne Road,
Oregon City, OR 97045

Map it out



Draw or map out the layout of your home, marking two exits from every room (typically a door and a window) and a path from each exit to the outside.

Smoke alarms



Mark the location of all smoke alarms in your home. There should be at least one on every level, in each bedroom, and near all sleeping areas. Test the alarms monthly to make sure they are working.

Meeting place



Pick a meeting place outside in front of your home where everyone will meet upon exiting.

911



Make sure everyone knows how to call 911 from a mobile phone or neighbor's phone once they are safely outside.

OCTOBER FIRE STATION OPEN HOUSES

Saturday, October 5, 2019

1:00-3:00pm at
Fire Station 19
19750 SE Damascus Ln.
Damascus, OR

Saturday, October 12, 2019

1:00-3:00pm at
Fire Station 6
12901 SE King Rd.
Happy Valley, OR

Saturday, October 19, 2019

1:00-3:00pm at
Fire Station 3
2930 SE Oak Grove Blvd.
Milwaukie, OR

Saturday, October 26, 2019

1:00-3:00pm at
Fire Station 16
19340 Molalla Ave.
Oregon City, OR

Thursday, October 31, 2019

6:00-8:30pm at
Fire Station 18
32200 SE Judd Rd.
Eagle Creek, OR

Clackamas Fire District #1 Fire Marshal's Office Phone: 503-742-2660
For more information visit www.clackamasfire.com

Clackamas Fire Inspections

2019 Occupancy Inspections		
January - August		
Assigned To	Actions	Completed
Division, Fire Marshal Office	1 YEAR PREVENTION OFFICE	467
	2 YEAR PREVENTION OFFICE	182
	HAZ MAT INSPECTION	0
	Lock Box	21
	TARGET HAZARD WALK THRU	25
	APARTMENT PROGRAM 1 YEAR	408
	4 YEAR PREVENTION OFFICE	2
	MARIJUANA FACILITY INSPECTION	9
	4 YEAR LOW HAZARD INSPECTION	22
Division, Fire Marshal Office	Total	1136
	Grand Total	1136

2019 Special Inspections		
August		
Assigned To	Actions	Completed
Division, Fire Marshal Office	FIRST REINSPECT	28
	NEW BUSINESS INSPECT	2
	NEW CONSTRUCTION INSPECTION	23
	OPEN BURNING	2
	PLAN REVIEW	75
	SECOND REINSPECT	1
	SPECIAL INSPECTION	27
	TENANT IMPROVEMENT	14
Division, Fire Marshal Office	Total	172
Grand Total		172

Estacada Fire Inspections

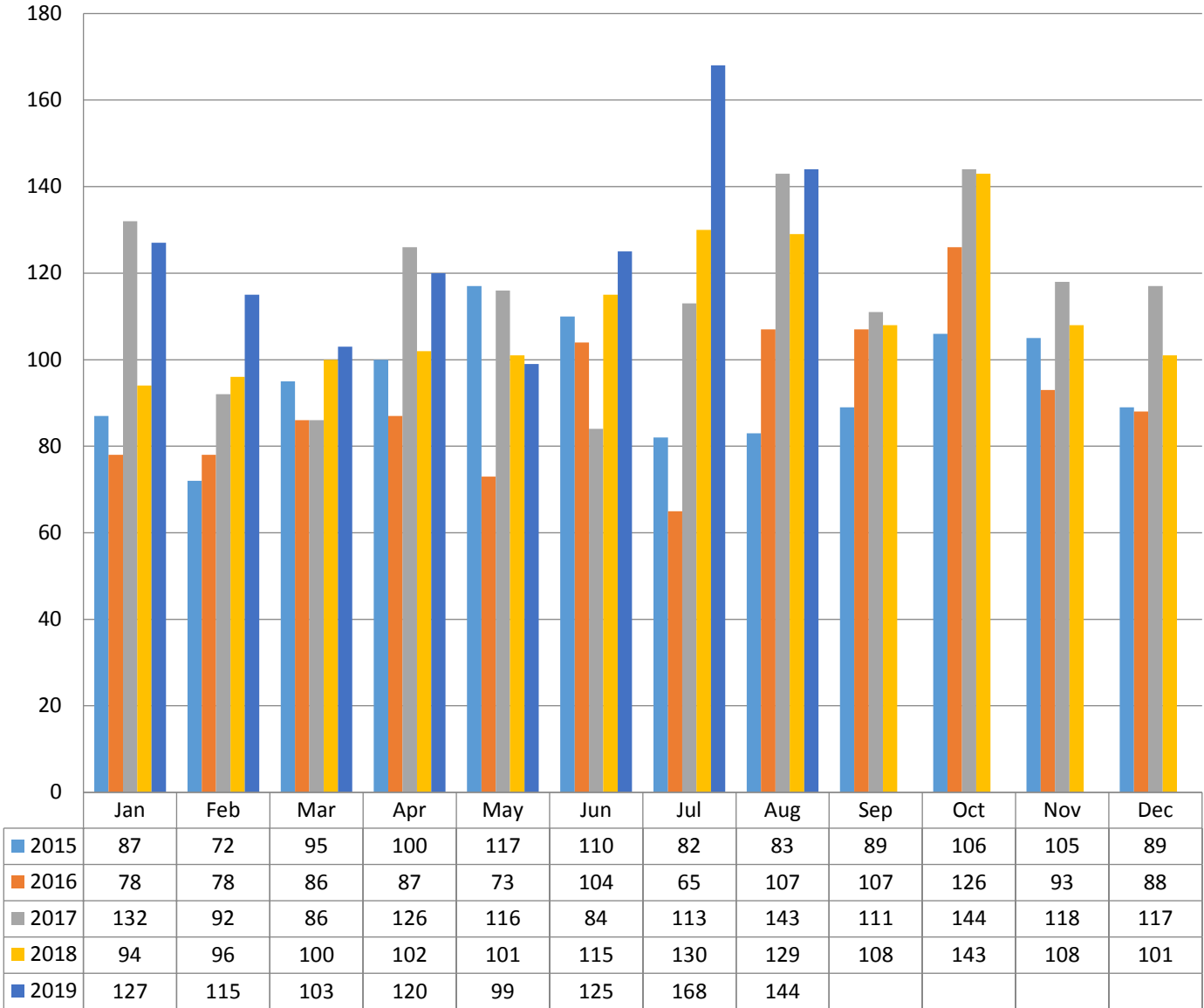
January - August				
Assigned To	Actions	Scheduled	# Done	% Done
Division, Fire Marshal Office	1 YEAR PREVENTION OFFICE	90	31	34.44%
	2 YEAR PREVENTION OFFICE	7	1	14.29%
	APARTMENT PROGRAM 1 YEAR	14	14	100.00%
	MARIJUANA FACILITY INSPECTION	4	1	0.00%
	4 YEAR LOW HAZARD INSPECTION	20	9	100.00%
Division, Fire Marshal Office	Total	135	56	41.48%
Grand Total		135	56	41.48%

2019 Estacada Inspections August		
Assigned To	Actions	# Done
Division, Fire Marshal Office	MARIJUANA FACILITY INSPECTION	0
	1 YEAR PREVENTION OFFICE	0
	2 YEAR PREVENTION OFFICE	0
	4 YEAR LOW HAZARD	0
	APARTMENT PROGRAM 1 YEAR	0
Division, Fire Marshal Office	Total	0
Grand Total		0

2019 Estacada Special Inspections August		
Assigned To	Actions	# Done
Division, Fire Marshal Office	PLAN REVIEW	3
	FIRST REINSPECT	1
Division, Fire Marshal Office	Total	4
Grand Total		4

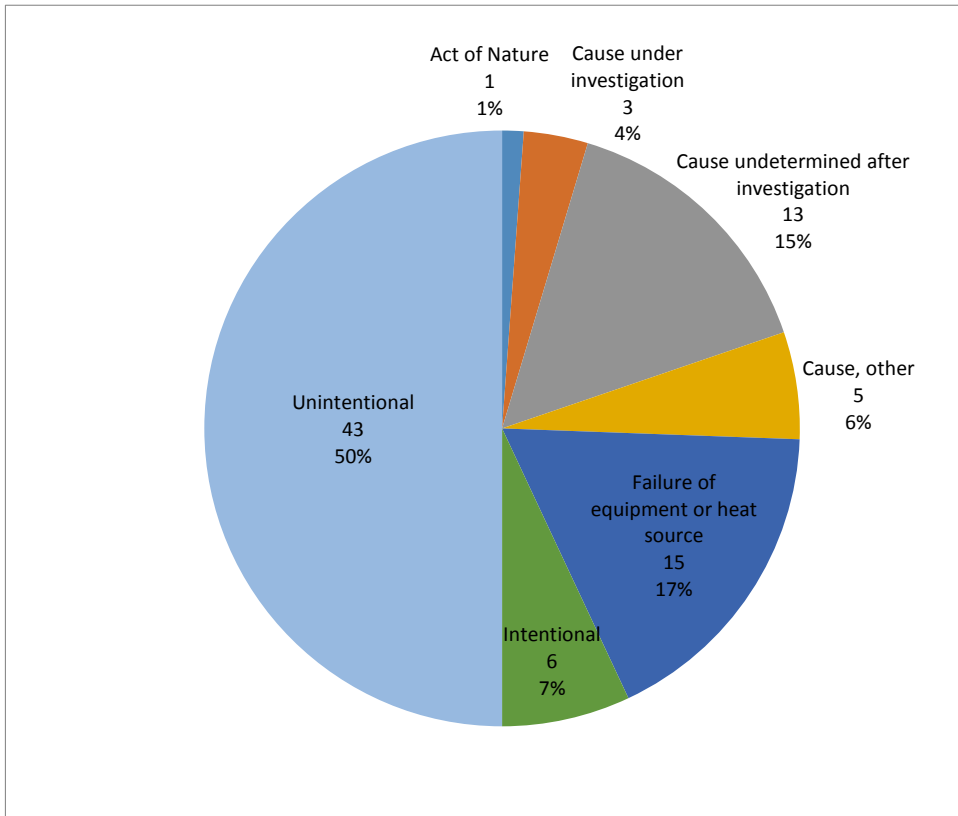
False Fire and Medical Alarm Responses

Information within this category will be used for the purpose of cost recovery pursuant to Ordinance 09-01



Monthly Average		
2015	95	Incidents
2016	91	Incidents
2017	115	Incidents
2018	111	Incidents

Clackamas Fire District #1 2019 Structure Fire Cause of Ignition



Year	Fire Cause of Ignition	Incidents	%
2015	Cause under investigation	0	0.00%
	Cause undetermined after investigation	11	12.79%
	Cause, other	1	1.16%
	Failure of equipment or heat source	15	17.44%
	Intentional	5	5.81%
	Unintentional	54	62.80%
2015 Total		86	100.00%
2016	Act of Nature	2	2.56%
	Cause under investigation	1	1.28%
	Cause undetermined after investigation	11	14.10%
	Cause, other	2	2.56%
	Failure of equipment or heat source	9	11.54%
	Intentional	4	5.13%
Unintentional	49	62.80%	
2016 Total		78	100.00%
2017	Act of Nature	2	2.15%
	Cause undetermined after investigation	17	18.28%
	Cause, other	1	1.08%
	Failure of equipment or heat source	18	19.35%
	Intentional	8	8.60%
	Unintentional	47	50.54%
2017 Total		93	100.00%
2018	Act of Nature	0	0.00%
	Cause under investigation	1	0.88%
	Cause undetermined after investigation	22	19.30%
	Cause, other	5	4.39%
	Failure of equipment or heat source	24	21.05%
	Intentional	7	6.14%
Unintentional	55	48.25%	
2018 Total		114	100.00%

**Data on 111-Building Fire's only within Clackamas Fire Dist. FMZ's
Data Excludes: Cooking and Chimney Fires**

Business Services Division

To: Chief Fred Charlton and the Board of Directors

From: Data Systems Director Shelby Hopkins

Re: Data Services Monthly Report – August 2019

- To date, emergency response incidents are trending 5.98% higher than in August 2018. Call volume is trending with 2017 at 0.83%.
- Attended Clackamas County EMS Operations Committee meeting.
- Staff delivered Archiving and Electronic Document Management Project plan to Executive Team.
- Attended meeting with Operations Chiefs and Division Chief Conway to discuss data services requests and process for upcoming accreditation.
- Staff attended meeting with RMS Project Team to discuss NFIRS/NEMSIS export reporting.
- Staff participated in meeting with EF Recovery regarding cost recovery process.
- Attended FMO staff meeting with ESO sales representative to provide program overview and what to expect with the implementation process.
- Met with Finance group to discuss retiree billing statements and custom report development.
- Participated in HP/TIG discussion with ITS regarding tablets for EMS ePCR reporting use.
- Attended half day Director planning retreat with Chief Charlton and DC Whiteley.
- Cost Recovery Claims Summary Report as of August 31, 2019:

	# of Claims	Claim Amount	Average \$ / Claim
False Alarm			
In Process	41	\$9,309.08	
Closed Not Paid	9	\$1,979.26	
Closed Paid	117	\$32,327.03	\$276.30
	167	\$43,615.37	
Fire			
In Process	4	\$11,368.76	
Closed Not Paid	1	\$1,200.50	
Closed Paid	5	\$12,669.26	
Hazmat			
In Process	11	\$5,676.10	
Closed Not Paid	5	\$1,923.76	
Closed Paid	6	\$6,250.81	\$1,041.80
	22	\$13,850.67	
Inspection			
In Process	5	\$1,118.29	
Closed Not Paid	12	\$992.80	
Closed Paid	7	\$1,879.29	\$268.47
	24	\$3,990.38	
MVA			
In Process	117	\$38,923.45	
Closed Not Paid	58	\$10,672.25	
Closed Paid	19	\$10,986.63	\$578.24
	194	\$60,582.33	
Total In Process	178	\$66,395.68	
Total Closed Not Paid	85	\$16,768.57	
Total Closed Paid	149	\$51,443.76	\$345.26

Respectfully submitted,
Data Systems Director Shelby Hopkins

Business Services Division

To: Chief Fred Charlton and the Board of Directors
From: Emergency Manager Gregg Ramirez
Re: Emergency Management Monthly Report – August 2019

Work completed

- Attended Regional Disaster Preparedness Organization Fire/EMS Work Group.
- Met with Spring Water School administration regarding disaster preparedness.

Work ongoing

- Continuity of Operations Plan.
- National Preparedness Month planning.
- Great Shakeout planning.
- Planning for a hospital decon exercise with Kaiser Sunnyside to occur in September.
- CERT Summit planning.

CERT activities for August

- CERT members constructed a sandbag station at Station #4.
- CERT members received new District ID's.
- Milwaukie CERT attended four neighborhood events for National Night Out.
- Two CERT members provided Hands Only CPR training for a community event in Happy Valley.
- CERT leaders met to discuss the spending of \$18,000 in UASI grant funds.
- CERT staffed a disaster preparedness booth and provided 1st aid coverage for the Care Free Sundays event.

Respectfully submitted,

Emergency Manager Gregg Ramirez

Business Services Division

To: Chief Fred Charlton and the Board of Directors

From: Human Resources Director Trish Noble

Re: Human Resources Division Monthly Report – August 2019

- Created, posted and reviewed the Logistics Assistant, Fleet Technician, and Mobile Communications Specialist job postings.
- Updated the Safe Personnel Training Database with current users.
- Created the payroll certification promotional documentation for Civil Service.
- Created a hiring guide and PowerPoint for our Volunteers.
- Researched and compiled data and recommendations for entry level testing.
- Continued updating the CPCAC and PAABC job packets for Civil Service.
- Set up Chief Interviews for Captain.
- Scheduled panel interview dates and times for all open testing processes.
- Updated employee files with certifications, change of address, assignment changes, etc.
- Tuition reimbursement term pre-approvals.
- Worker's Comp claims and return to work.
- Processed bereavement, jury duty and OFLA/ FMLA leave for personnel.
- Director's planning retreat.
- Processed Observer Ride-Along requests.
- Employment verifications for personnel seeking mortgage and refinance loans.
- Staff conflict resolution assistance.
- Processed temp labor hires.
- Processed subpoena requests.
- Launched first round of District-wide staff training sessions through SDAO website. August's topic was HIPAA protections.

- **Insurance Benefits:**
 - Gathered all information for the OPEB Data Request.
 - Working on a compensation package for all employees to show the benefits that we receive while working for the District.
 - Continue to educate and help employees with claims, forms, and/or the different benefits that we have.

- **LBG:**
 - Insurance Committee met with LBG for the quarterly meeting for the June 2019 claims review.
 - LBG is working on getting the website updated with the new plan documents and making it more user friendly.

- **Retirees:**
 - Finance has taken back the Munis portion of the retiree billing. HR will continue to communicate with all Retirees and to send out all statements using Excel until a Munis statement is created that works well for all.
 - Met with Finance to go over all retiree billings. HR and Finance were successful in matching our balances to one another.

- **Health Trust:**
 - In August, our Trust paid out an offset to 36 retirees in the amount of \$7,915.86.

Respectfully submitted,

Human Resources Director Trish Noble

Emergency Services Division

To: Chief Fred Charlton and the Board of Directors

From: Deputy Chief Ryan Hari

Re: Emergency Services Division Monthly Report – August, 2019

- Participated in the monthly Operations meeting.
- Attended the monthly Fire Defense Board meeting.
- Participated in a CCOM users work session, regarding non- emergency call pending and diverting service calls to the appropriate provider.
- Met with EMS staff regarding potential ambulance service pilot projects.
- Completed two BC ride alongs.
- Worked on the Training Center grounds project, preparing for re-surfacing bids.
- Worked on a proposal for contract for services with Estacada Fire.
- Participated in a staff planning retreat.
- Met with Clackamas Community College (CCC) staff regarding the temporary station removal.
- Attended two interagency meetings with Estacada Fire staff and Board.
- Worked on fire station alerting project.
- Continued work on the termination and disposal of the temporary fire station at CCC.
- Attended the monthly Water Rescue Consortium meeting.

Respectfully submitted,

Deputy Chief Ryan Hari

Emergency Services Division

To: Chief Fred Charlton and the Board of Directors

From: Division Chief Bill Conway

Re: Emergency Medical Services Division Monthly Reports – August 2019

The following summary of work includes those activities completed within the EMS Division. Additional reports are included from the Medical Services Chief, Community Paramedic, EMS Training Officer, as well as the monthly community CPR report from Cascade Training.

- Attended weekly EMS Division staff meetings.
- Worked with Data Services on a data, service request process.
- Worked with EMS Division on a 5-year plan.
- Attended Fire Defense Board Meeting.
- Worked with Chief Santos on Ambulance Subcontract Pilot project.
- Met with EF Recovery regarding cost recovery process.
- Met with ESO regarding charting platform.
- Attended Clackamas Rotary meeting presentation by Community Paramedic AmyJo Cook.
- Attended monthly Board meeting.
- Chaired ASA Strategic Plan Task Force meeting.
- Attended the Labor Retreat.
- Met with Clackamas County Public Health staff regarding EMS issues.
- Attended Chief's Planning Retreat.
- Participated in Zoom Beta Test/Practice Session.
- Met with Labor regarding transport revenue transparency.

Respectfully submitted,

Division Chief Bill Conway

Emergency Services Division

To: Chief Fred Charlton and the Board of Directors

From: Medical Services Chief Josh Santos

Re: Emergency Medical Services Division Monthly Report – August 2019

- Attended two EMS Mini-Retreat strategic planning sessions.
- Attended ASA Strategic Planning Taskforce.
- Attended Ops meeting.
- Attended two meetings with AMR Operations Manager.
- Attended EMS Committee Meeting.
- Chain of Survival Planning Meeting.
- Rode along with M303 for full 24hr shift.
- Attended ESO charting platform internal planning meeting.
- Attended meeting with ESO charting platform representatives.
- Attended Oregon City Rotary – Community Paramedic presentation.
- Attended Clackamas Rotary – Community Paramedic presentation.
- Attended Board meeting.
- Attended Legacy Meridian Park stroke program meeting.
- Attended MCI drill.

Respectfully submitted,

Medical Services Chief Josh Santos

Emergency Services Division

To: Chief Fred Charlton and the Board of Directors

From: Community Paramedic AmyJo Cook

Re: Emergency Medical Services Division Monthly Report – August 2019

- Assisted post opioid overdose survivor with resources to recovery.
- Attended Project Hope check-in meeting.
- Assisted Project Hope graduate with transition from recovery housing into independent living.
- Presented to Clackamas Rotary about the Community Paramedic Program.
- Assisted Adult Protective Services with home visit (also crew referral).
- Attended required continuing education conference from Immunize Oregon.
- Presented to Oregon City Rotary about the Community Paramedic Program.
- Submitted grant to Clackamas County Small Grants Program from The Board of County Commissioners.
- Assisted three persons with referrals to Project Hope opioid follow up program.
- Distributed one narcan kit to residents at risk of opioid overdose.
- Assisted frequent user with alternate transportation to see primary care instead of activation of 911 and using the local emergency department.
- Attended Community Paramedicine strategic meeting.
- Assisted three persons with high 911 use find alternate resources for physical and mental care.
- Assisted two residents from crew referrals for general assistance/access to additional resources.
- Submitted request to Clackamas Emergency Services Foundation to assist a Project Hope graduate in need.
- Assisted Adult Protective Services with possible abuse client.
- Assisted two individuals in need with the assistance of Behavioral Health, Clackamas MHC.

Respectfully submitted,

Community Paramedic AmyJo Cook

Emergency Services Division

To: Chief Fred Charlton and the Board of Directors

From: EMS Training Officer Mike Verkest

Re: Emergency Medical Services Division Monthly Report – August 2019

- Annual preventative maintenance performed on all EMS Gurneys by Stryker.
- First planning meeting for fall Chain of Survival Celebration.
- EMS Mobile Training Unit continues to be used well at Stations 1, 2 and 17.
- Attended Clackamas County EMS QA/QI.
- Third Quarter Drill: MCI- Conducted Company Level Drills with BC's and multi-company MCI Drill at Training Center.
- Attended EMS Division Weekly Meeting.
- Continue work with Division Chief Gehrke on new evaluation tools for probationary firefighters.
- Attended weekly Training Division Staff meeting.
- Coordinated Clinical Review with Dr. Warden.
- Attended Life Flight Network "Taking Care of our Own" seminar.
- ASA Workgroup planning continues.
- EMS Operations Committee Meeting- Continue to chair this group.
- EKG Monitor Workgroup – survey has gone out, collecting responses.
- Medical Equipment Standardization workgroup – In progress.

Respectfully submitted,

EMS Training Officer Mike Verkest

Student Enrollment and Course Evaluation Summary

Number of Classes Offered at Each Location								
Class Type	Aug-19							
	Station 2	Station 3	Station 4	Station 5	Station 7	Station 10	Station 14	Station 15
BLS HCP			2	2				
HS FA, CPR & AED				1			2	
HS CPR & AED				1			1	
HS FA				1			1	
ACLS Renewal			1					
PALS Renewal			1	1				

Clackamas Fire Station Enrollment by Location								
Class Type	Aug-19							
	Station 2	Station 3	Station 4	Station 5	Station 7	Station 10	Station 14	Station 15
BLS HCP			50	26				
HS FA, CPR & AED				10			30	
HS CPR & AED				3			1	
HS FA				3			0	
ACLS Renewal			15	5		1		
PALS Renewal			7	7				

Clackamas Fire Student Evaluation Summary -- August 2019					
	1 (Strongly Disagree)	2 (Disagree)	3 (Neutral)	4 (Agree)	5 (Strongly Agree)
Overall this course met my expectations:	1	2	3	4	5
				6	151
The program was relative to my work and extended my knowledge:			3	5	149
Adequate supply of equipment that was clean and in good working order:				7	150
Method of presentation enhanced my learning experience:			2	7	148
Classroom environment was conducive to learning:				6	151
Instructor(s) provided adequate and helpful feedback:				3	154
Student's rating of the instructor's overall effectiveness:					
	Poor	Fair	Satisfactory	Good	Excellent
				6	151
Student would refer a friend/colleague to take the same course:					
				Yes	No
				157	



**Clackamas Fire District #1
Community CPR and First Aid Programs
Student Enrollment and Course Evaluation Summary**

Comments from Clackamas Fire Student Evaluations -- August 2019

Bubba is a bada**. Very funny and very well educated and presented well.

Excellent.

Thank you!

Excellent! Thank you!

Very informative!

Thanks for the great info, humor and training.

I liked Melissa's style of instructing. I appreciated the background knowledge behind the methods. It helps to know the why!

Melissa was fun, entertaining and kept class moving forward.

Great instructor for the course with relevant real world experience.

Best instructor I've had threw my years of taking this course. Very knowledgeable. Thank you!!

Great class, loads of fun!

Some of the videos repeated information much too often which made them feel unnecessarily long.

Excellent job of teaching the class.

Great class, thank you.

Thank you!

Taught to level of room.

Thanks.

Very thorough- Best case I have ever had in 10 years.

Well done, thank you!

Have been renewing CPR licensure for decades. This class was done extremely well. Clear & concise teaching.

Better than previous CPR classes.

Excellent class!

Great job!

Excellent, easy course.

Loved the fantastic teaching & real life example! Thanks!

Very good.

Love the instructor.

Larger screen for simulated defibrillator.

Great job! Love the smaller class.

Excellent instructor!

Great course!

Victoria is a great instructor and keeps it simple while educating us w/ high quality training. Thank you.

Will be helpful to review choking in conscious adult & child.

Thanks Victoria!

Visual impairment- need slightly larger font and no shading on answer sheet.

Perfect teaching. Great encouraging.

New term, "Dietary indiscretion". Excellent.

Great presentation and atmosphere.

Great job!

Emergency Services Division

To: Chief Fred Charlton and the Board of Directors

From: Health and Wellness Director Heather Goodrich

Re: Wellness Division Monthly Report – August 2019

The following summary of work includes those activities completed by Clackamas Fire Wellness Staff:

- Wellness staff participated in multiple phone conferences with Pureworks, Inc. regarding setting up the new electronic medical records system.
- Annual pre-physical testing for annual career firefighter/FMO/Chief pre-physical testing. (1 person)
- Coordinated DOT bi-annual physicals for Fleet/Logistics/Facilities staff (1 person)
- Coordinated a drug screen for a new temporary labor Logistics position.
- Performed IAFF/IAFC complete annual fitness testing for career firefighters. (9 people)
- Performed submaximal treadmill, flexibility and endurance testing for career firefighters. (23 people)
- Seven site skinfold testing was performed on career firefighters. (17 people)
- On-site injury consultations and on-site treatment by the Athletic Trainer. (Saw 47 people for 53 injuries- 129 total visits)
- Functional Movement follow up and corrective exercises were given to career firefighters. (18 people)
- Processed and provided follow-up for on-the-job injury reports and for Safety Committee. Three injury and one exposure report were submitted with one of the three turning into a workers' compensation claim. All on-the-job musculoskeletal injury reports were followed up with by the District Athletic Trainer.
- Coordinated fit for duty physicals for injured career firefighters returning to duty. (1 person)
- Wellness Specialist attained her Functional Movement Screen Level 2 certification.
- Wellness staff participated in a phone conference with "Resilient First". This is an app based resiliency-building tool for behavioral health. Four CFD#1 employees have agreed to demo the program.
- Provided requested health information and consultations to four firefighters and staff.
- Wellness Director and Wellness Specialist attended the IAFF John P. Redmond Health & Safety Symposium, August 12-18 in Nashville.

- Provided requested information about our program to Metro West, Marion County Fire and Molalla Fire via email and phone calls.
- Provided an update on the Tactical Athlete program during the District Updates Webinar. We have had four people go through it for off duty injuries so far.
- Participated in Estacada Fire site visit, and prepared a potential budget proposal for contracted wellness services.
- Created and sent out monthly Wellness Update and Health Insurance Newsletter.
- Distributed EAP Employee Newsletter and EAP Supervisor Newsletter by email.
- Staff attended Director's Planning Retreat, Health Insurance Committee, Senior Staff, Training Division, and Entry-Level Firefighting Planning.

Respectfully submitted,

Health and Wellness Director Heather Goodrich



Clackamas Fire District #1

Wellness Update

August 2019

Issue 228

Health Question of the Month

Q: How do I choose a good watermelon?

A: Pick a melon that's free of dents, nicks, and bruises. Look for a yellow, not white, spot on the bottom. This signals that it's ripe. A juicy, ready-to-eat watermelon will feel heavy for it's size. When you thump it, it should sound hollow.

Wellness News

- Annual career treadmill/ flexibility, and make-up testing will continue this month.
- Career Occ Health Testing (including blood draws and TB testing) will be scheduled during September and October.
- Athletic Trainer, Matt Alvarez, has a new cell number! He can be reached at 971-266-7538



STUDY: TUBBS FIRE FIREFIGHTERS HAVE ELEVATED TOXIN LEVELS

Firefighters who battled the October 2017 Tubbs Fire in Napa, Sonoma and Lake counties have tested at "troubling" levels for toxic exposure, according to a new study.

148 firefighters volunteered to be part of the study conducted by the San Francisco Firefighters Cancer Prevention Foundation. The results found the firefighters' blood and urine samples showed elevated mercury levels as well as elevated levels of chemical compounds associated with firefighting foams.

Firefighters were tested three weeks after returning home from the Tubbs Fire, where firefighters on the front lines were exposed to toxic chemicals from some of the 5,600 structures that burned, more than half of them homes. Most of the firefighters had little or no protection from the toxic smoke.

The Tubbs Fire was the most destructive wildfire in California history at the time, surpassed in 2018 by the Camp Fire in Butte County. The fire killed 22 people and burned nearly 37,000 acres.

At a press conference to announce the preliminary findings July 9th at San Francisco Fire Department headquarters, Rachel Morello-Frosch PhD, the lead researcher and Professor of Environmental Science at UC Berkeley, noted that firefighters are more often finding themselves not equipped for wildfires that end up spreading into urban areas.

"I would say that given that firefighters are now on the front lines of climate change, because these wildland/urban interface fires are becoming more frequent and more intense particularly in the state of California, they're also the sentinels for the toxic chemical exposures that they experience in responding to these fire events," said Morello-Frosch. And increasingly urban firefighters are being called on to do mutual aid and very often without the personal protective equipment that they are accustomed to using in urban settings."

San Francisco Fire Chief Jeanine Nicholson said firefighters have decontamination procedures for exposure to toxic smoke, but "there is no perfect answer right now" to the increased risk of cancer firefighters are facing from these fires.

"We're trying to bring awareness to this and ensure that change keeps on happening, because there are too many firefighters that get sick and that shouldn't happen," said Nicholson. "We love doing our jobs. We love being the first ones to help. But we are dying at a high rate of cancer, and that's got to change."

Nicholson also said a similar study is being conducted on firefighters who battled the Camp Fire.

Morello-Frosch said more study is needed to better characterize the kind of chemicals firefighters are exposed to in order to better protect them during wildland/urban interface fires.

"It's important to study them, and it's also going to be important to do more studies on the community members that actually live in locations that are getting decimated by the wildland urban interface fires. We have a lot more work to do as scientists to really assess what kind of exposures people are facing, and how we better protect them from exposures to the toxic chemicals that ensue," said Morello-Frosch. "This is just a first step, and this is really preliminary data."

Source: www.sanfrancisco.cbslocal.com

In this issue

Tubbs Fire Firefighter Toxin Study **P.1**

5 Easy Ways to Practice Mindfulness **P.2**

Ultraprocessed Foods Killing Us **P.3**

Exercise of the Month: Brettzel Stretch **P.3**

Recipe: Garden Pasta Salad **P.4**

Docs Back Off Aspirin to Prevent 1st Heart Attack

Millions of Americans worried about heart attacks and strokes have popped a low-dose aspirin each day, thinking it might lower their risk.

But new guidelines issued in March by the American College of Cardiology and American Heart Association say that, for most adults, the practice may no longer be warranted.

The two groups agree that for adults at low risk—no history of heart attack, stroke or cardiac surgeries—the risk of bleeding that comes with daily low-dose aspirin may outweigh any heart benefit.

“It’s much more important to optimize lifestyle habits and control blood pressure and cholesterol as opposed to recommending aspirin,” said Dr. Roger Blumenthal, professor of cardiology at Johns Hopkins Medicine.

The bottom line: Aspirin should be limited to people at the highest risk of cardiovascular disease and a very low risk of bleeding.

The AHA and ACC stressed that daily aspirin *does* have an important role to play for people at high risk—those with a prior history of heart attack, stroke or cardiac procedures. In those cases, daily use of the blood-thinning pill can be lifesaving.

People who have trouble lowering their high cholesterol or controlling their blood sugar might be considered for daily low-dose aspirin, as long as their risk for bleeding doesn’t outweigh any potential benefit, the guidelines say.

But for people at low to average risk of heart disease, a healthy lifestyle is by far the best path to living a long, healthy life.

Source: www.webmd.com

5 Easy Ways to Practice Mindfulness Every Day

Do you ever get tired of being in your head? Most of us go through our lives lost in our thoughts, which are rarely about what’s actually happening in that moment. Our minds are focused on another place and time as we worry about the future and ruminate about the past.

We could be walking outside thinking about what we should make for dinner, or whether that person who hasn’t answered our email is mad at us, or what if our plans tomorrow get rained out. Meanwhile we’re barely noticing the stunning afternoon light, the feeling of our feet on the earth, the warmth of the sun on our backs.

It can be such a relief to find moments of mental stillness, when the thoughts fade into the background and we’re left with a closer connection to what’s actually happening. That’s the whole idea of mindfulness—contrary to what the name suggests, it’s about getting out of our heads.

Mindfulness often conjures images of a person sitting cross-legged and meditating, since meditation is one of the most common mindfulness practices. But the point of mindful awareness isn’t to get really good at meditating; it’s to truly experience this life.

It’s actually the simplest thing in the world. All we have to do is open our awareness to our present experience. What do we see? What do we hear? What physical sensations do we notice?

If you’d like to practice mindfulness, it helps to have cues throughout the day that remind you of your intention. Choose any that work for you; here are five to get you started.

- **Waiting in line.** Your first reaction when you have to wait, like at the grocery store, is to *do* something: take out your phone, make a mental to-do list, flip through a magazine. But forced waits are a good opportunity to take in what’s around you.
- **Sitting at a red light.** In a similar way, being stopped at a red light offers you a few moments to simply *be*. Feel the seat beneath you, your hands on the wheel. Notice the sky. Feel the breath as your ribcage expands and contracts.
- **Washing your hands.** There’s a lot to pay attention to as you wash—the feeling of the water as it runs over your hands, the warmth or coolness of the water, the sound of the faucet, the feeling of your feet on the floor, the sensations in your hands as they move over one another.
- **Before you eat.** As you sit down to a meal, settle into the moment as you take three slow breaths. With the first, let go of any tension you’re holding in your body. With the second, look at each person sharing the meal with you. With the third, take in the colors, shapes, and textures of the food in front of you. Try to remain present as you enjoy your meal.
- **Going to bed.** When you lie down, feel your body sink into the mattress, the weight of your head on the pillow. Take in any house sounds. Notice the rise and fall of your blanket with each breath.

You’ll notice that none of these exercises involves trying to “stop your thoughts.” They’re going to be there, whether or not you want them to be! Rather than making thoughts the enemy, let them come and go as you direct your attention elsewhere.

There are limitless ways to practice mindful awareness, and none of them requires sitting on a meditation cushion or taking time out of your day. You can simply step into your experience, whatever it is. You can start right now, in this very moment.



Source: www.webmd.com

Ultraprocessed Foods are Easy, Cheap and Could Be Killing You



"Ultraprocessed" describes many foods, including pre-prepared dishes found in grocery store freezers, packaged baked goods, dehydrated soups, ice cream, sugary cereals and fizzy beverages.

Two separate studies published Wednesday in The BMJ link eating the popular factory-made fare with an increased risk of cardiovascular disease and an increased risk of early death. While a direct cause-effect relationship has yet to be established, the researchers of both studies note that previous studies have associated highly processed food consumption with higher risks of obesity, high blood pressure, high cholesterol and even some cancers.

"Ultraprocessed foods already make up more than half of the total dietary energy consumed in high-income countries such as USA, Canada and the UK," said Maira Bes-Rastrollo, senior author of one study and a professor of preventive medicine and public health at the Universidad de Navarra. "In the case of Spain, consumption of ultraprocessed food almost tripled between 1990 and 2010."

Researchers gathered data from close to 20,000 participants ages 20 to 91 years old, every two years through questionnaires.

Using a 136-item food frequency questionnaire, the researchers evaluated each participant's diet at the start of the study in 1999 and then reassessed it throughout the research period ending in 2014. The routine surveys measured how frequently people ate food in the four food categories defined by the NOVA classification system, which looks at how foods are made and not just nutrients.

The "unprocessed or minimally processed" food category included fruits, vegetables, legumes, milk, eggs, meats, poultry, fish and seafood, yogurt, grains (white rice and pasta) and natural juice. Salt, sugar, honey, olive oil, butter and lard were listed in the category of "processed ingredients," while "processed foods" included cheeses, breads, beer, wine, cured traditional ham and bacon. The final category encompassed ultraprocessed foods such as flan, chorizo, sausages, mayonnaise, potato chips, pizza, cookies, chocolates and candies, artificially sweetened beverages and whisky, gin and rum. *(Article continued to in column to right. . .)*

Ultraprocessed Foods (cont.)

Generally, products in this category are rich in poor quality fat, added sugar and salt, along with low vitamin density and fiber content, and they "are economically profitable (low cost ingredients), very palatable and convenient," said Bes-Rastrollo. "They have attractive packaging and intense marketing." Worst of all, she explained, they are replacing unprocessed or minimally processed foods and freshly prepared meals in our diets.

Analyzing the data, the team found that a higher consumption of heavily processed foods -- more than four servings each day -- was associated with a 62% increased risk for early death due to any cause relative to those who ate these foods less frequently. And, each additional serving of the factory-made fare increased that relative risk by 18%, the new study indicated.

Bes-Rastrollo said these "results are in agreement with other recent results" based on populations in France and the United States and lends "support" to a possible cause-effect relationship between ultraprocessed foods and poor health.

In France, the web-based NutriNet-Santé project, found that each 10% increment in the percentage of ultraprocessed foods people ate was associated with a 12%, 13%, and 11% increase in the rates of overall cardiovascular, coronary heart and cerebrovascular disease, respectively, the researchers found. A secondary analysis showed an association between unprocessed or minimally processed foods and lower risks of these same diseases.

The takeaway? To improve their health, people need to limit the proportion of super-processed foods they eat, while increasing the amount of unprocessed or minimally processed foods in their diets, the researchers stated.

Exercise of the Month

BRETTZEL STRETCH

This exercise increases thoracic mobility while challenging the opposite anterior hip.

1. Lie on side with top knee flexed and the other down in a neutral position, and the head supported by a foam pad or pillow. Take the hand of the bottom arm and grab the knee that is flexed up at belly button height. Take the other hand and grab the ankle of the leg that is behind the back, while keeping the hip in extension. If it is too difficult to grab the ankle then use a towel or strap.
2. On the exhale, rotate shoulders away from the up leg. Cycle through this progression 5-10 times until the shoulder is turned as far as possible (coming close to the ground) or until you stop making progress.
3. After taking 2-3 breaths in the fully rotated position slowly return back to the set-up position.





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Recipe of the Month: Garden Pasta Salad

This lightly dressed pasta salad gets lots of flavor from Kalamata olives and basil. A colorful mix of diced bell pepper, shredded carrot and tomatoes adds vitamins and minerals. Serve on a crisp bed of greens. Toss in canned chunk light tuna, cooked chicken or flavored baked tofu to add protein and make it more substantial.

INGREDIENTS:

- 2 cups whole-wheat rotini, 6 ounces
- 1/3 cup reduced-fat mayonnaise
- 1/3 cup plain yogurt
- 2 TB extra-virgin olive oil
- 1TB red-wine vinegar or lemon juice
- 1 clove garlic, minced
- 1/8 tsp salt
- 1 cup cherry or grape tomatoes, halved
- 1 cup yellow or red bell pepper (1 small), diced
- 1 cup grated carrots, 2-4 carrots
- 1/2 cup scallion, chopped (4 scallions)
- 1/2 cup pitted Kalamata olives, chopped
- 1/3 cup fresh basil, slivered
- Freshly ground pepper, to taste



PREPARATION:

1. Bring a large pot of lightly salted water to a boil. Cook pasta, stirring occasionally, until just tender, 8 to 10 minutes, or according to package directions. Drain and refresh under cold running water.
2. Whisk mayonnaise, yogurt, oil, vinegar (or lemon juice), garlic, salt and pepper in a large bowl until smooth. Add the pasta and toss to coat. Add tomatoes, bell pepper, carrots, scallions, olives and basil; toss to coat well.

Nutrition Facts:

Servings: 6
 Serving size: 1 cup
 Calories: 197
 Total Fat : 8g (1g saturated)
 Protein: 6g
 Carbohydrate: 29g
 Dietary Fiber: 4g
 Sugar: 5g
 Cholesterol: 1mg
 Sodium: 290mg

Source: www.webmd.com

DID YOU KNOW?

Research has shown that on a hot day, drinking a hot beverage may help your body stay cool. The reason being that when you drink a hot drink, your body produces sweat to cool down your body temperature. Initially you may be adding heat by drinking the hot liquid, but the amount of sweat that your body produces to cool down more than makes up for the added heat from the liquid.

Financial Services Summary

To: Board of Directors

From: Finance Director Christina Day

Date: September 16, 2019

Re: Finance Division Report

Below are a few highlights of activities in Financial Services for the months of August-September 2019.

- Budget –
 - Director Day finalized and submitted the FY2019-20 Adopted Budget document to the GFOA award program and posted it on the CFD1 external website.
 - Staff plans to begin looking at the FY2020-21 budget development process immediately after the annual audit is complete.
- Year-End and Audit Preparation –
 - Finance staff continue to work toward closing FY 2018-19 in Munis in preparation for the audit scheduled September 30 – October 4, 2019.
 - All invoices using FY2018-19 funds have been processed.
 - Accounting Manager Le and staff continue to identify process improvements and automated options within Munis to decrease month/year-end processing time.
 - Finance staff are working to ensure that the Fixed Assets list is updated prior to the audit.
- Long Range Financial Plan -
 - The long range financial plan has been identified as a District priority for the next quarter, and has been the subject of discussion at multiple meetings.
 - Director Day is working to establish goals related to the plan, and ways to effectively communicate those goals and engage employees.
 - Director Day presented an overview of the plan at the Board Retreat.
 - Director Day will be presenting the long range financial plan at the District staff retreat later this month as well.
- Accounts Receivable –
 - Ambulance transport billing – Finance staff continue working with the medical billing contractor to transition the third-party billing service

effective July 1, 2019. An additional task was the mandatory Medicare revalidation application, which was completed and submitted on September 6, 2019.

- Retiree billing – Accounting Manager Le and Accounting Tech Holst have been working with Human Resources to transition responsibility for the retiree health insurance billing back to Finance. They will also continue to seek options to print statements directly from Munis for retirees.
- GEMT – The GEMT reimbursement request was submitted timely and the Fire District has been notified that it is currently under desk review.
- Payroll – Finance staff received training from Tyler Technologies on encumbering payroll in Munis and plans to implement that process effective January 1, 2020.
- Accounts Payable – Accounts Payable staff finalized processing of FY2018-19 invoices. They processed 621 invoices and issued 376 checks/EFTs.
- Estacada Study – Finance Director Day worked with leadership to calculate the financial impacts of a contract for services with Estacada.
- Volunteer Association tax preparations – The FY2018-19 tax returns for the Volunteer Association have been finalized and will be filed shortly.
- Financial Wellness Workshops – The first Financial Wellness workshop through Key Bank was held on August 19th. This program will be open to all Fire District employees/volunteers and spouses/partners to provide guidance and training in managing personal finances for a better work/life balance. Director Day is working with Key Bank to establish a schedule for future workshops.

Looking ahead:

July – September 2019 – Year End & Audit Preparation for FY2018-19 audit process.

September 1, 2019 – FY2018-19 closed

September 30 – October 4, 2019 – Audit fieldwork

November 2019 – Budget process for FY2020-21 begins

FINANCIAL REPORT – Period ending June 30, 2019 (FY2018-19)

General Fund 10

As of June 30, 2019, Fiscal Year 2018-19 is 100% complete.

Following is a summary of financial activity through June 30, 2019:

Revenues: The General Fund has received \$53,641,564 in property tax revenues from both current and prior year's taxes. These funds were transferred to the Local Government Investment Pool by the Treasurer's Office. Ambulance Transport is tracking under the adjusted budget, but over the original budget, generating revenues of \$565,966 at 90.6% of the adjusted budget before the costs of collection are netted out. A total of \$928,797 has been billed for conflagration reimbursements, and is included in total revenues as well. This fund has received \$586,274 in interest revenues to date. Additional revenues from contracts, interest, and other sources total another \$2,249,255.

Expenditures: The General Fund has actual expenditures (excluding encumbrances and depreciation expense) in the following categories through June 30, 2019:

Category:	% of Budget Used
Salaries & Benefits	99.6% of Adjusted Budget
Materials & Services	97.5% of Adjusted Budget
Capital Outlay	72.0% of Adjusted Budget

Equipment Reserve Fund 20

Total expenditures in this fund equal \$511,799. This fund has received \$2,266 in interest and \$827,886 in surplus sales revenues to date.

Capital Projects Fund 30

Total expenditures in this fund equal \$3,586,887 or 34.5% of the adjusted budget, through June 2019. Expenditures to date include mortgage loan payments for the Fleet/Logs site and architectural services, and \$30,300 in debt issuance costs for the direct bank loan. This fund has received \$13,919 in interest revenues to date, and \$7 million in direct loan proceeds.

Enterprise Fund 40

Total expenditures in this fund equal \$4,028 through June 2019. This fund has received \$4,380 in grant revenues, primarily for the Winter Warming Drive.

Debt Service Fund 50

This fund has received \$2,116,197 in property tax revenues this year, along with \$10,691 in interest earnings. Total FY2018-19 expenditures in this fund total \$1,969,000.

Bond Construction Fund 60

Bond project-related construction costs total \$6,005,437 in FY 2019, with expenditures currently at 98% of the adjusted budget (excluding funds encumbered).

PERS Reserve Fund 70

There has been a transfer out to the General Fund of the budgeted \$365,000, and no other expenditures in this fund For FY2019. The fund has received \$8,066 in interest revenues.

Investment Activity

Short-term Investment Portfolio

The table below indicates the balances of cash accounts as of June 30, 2019.

Short-term Investments as of June 30, 2019	
Local Government Investment Pool	\$24,325,578.94
Key Bank Checking	\$1,670,637.71
Third Party Trust	\$3,000
TOTAL:	\$ 25,999,216.65



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ACCOUNTS FOR: 10 General Fund ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
<u>00 Beg Fund Bal</u>						
9995 Beg Fund Bal						
-17,719,684.00	416,487.00	-17,303,197.00	0.00	0.00	-17,303,197.00	.0%
TOTAL Beg Fund Bal						
-17,719,684.00	416,487.00	-17,303,197.00	0.00	0.00	-17,303,197.00	.0%
<u>01 Tax Revenues</u>						
4450 Current Year Prop Taxes						
-51,767,496.00	0.00	-51,767,496.00	-51,792,303.75	0.00	24,807.75	100.0%
4455 Prior Year Prop Taxes						
-1,135,213.00	0.00	-1,135,213.00	-1,849,260.41	0.00	714,047.41	162.9%
4460 Other Taxes						
-8,000.00	0.00	-8,000.00	0.00	0.00	-8,000.00	.0%
TOTAL Tax Revenues						
-52,910,709.00	0.00	-52,910,709.00	-53,641,564.16	0.00	730,855.16	101.4%
<u>03 Interest</u>						
4490 Investment Interest						
-275,000.00	-265,000.00	-540,000.00	-586,273.76	0.00	46,273.76	108.6%
TOTAL Interest						
-275,000.00	-265,000.00	-540,000.00	-586,273.76	0.00	46,273.76	108.6%
<u>04 Other Revenues</u>						
4500 Contract Revenue						
-312,638.00	-78,548.00	-391,186.00	-315,317.76	0.00	-75,868.24	80.6%
4510 ASA Revenue						
-130,944.00	0.00	-130,944.00	-120,032.00	0.00	-10,912.00	91.7%
4512 Medical Supply Reimb						
-70,000.00	0.00	-70,000.00	-90,706.00	0.00	20,706.00	129.6%



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ACCOUNTS FOR: 10 General Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
4538 Service Cost Recovery	-80,000.00	0.00	-80,000.00	-37,518.29	0.00	-42,481.71	46.9%
4539 Conflagration Reimbursement	-305,000.00	-627,451.00	-932,451.00	-928,796.93	0.00	-3,654.07	99.6%
4541 Sale of Inventory/Services/Equip	0.00	0.00	0.00	-162,758.78	0.00	162,758.78	100.0%
4542 Sale of Goods/Services/Equip	0.00	0.00	0.00	494.11	0.00	-494.11	100.0%
4543 Gain/Loss on Fixed Assets	0.00	0.00	0.00	523,298.89	0.00	-523,298.89	100.0%
4545 Other Post-Employ Bene Revenue	-426,420.00	0.00	-426,420.00	-481,990.77	0.00	55,570.77	113.0%
4560 Grant Revenue	-476,104.00	-226,661.00	-702,765.00	-644,331.21	0.00	-58,433.79	91.7%
4570 Transportation Response Revenue	-525,000.00	-100,000.00	-625,000.00	-565,966.16	0.00	-59,033.84	90.6%
4571 Other Revenues	-317,590.00	-115,732.00	-433,322.00	-354,427.12	0.00	-78,894.88	81.8%
TOTAL Other Revenues	-2,643,696.00	-1,148,392.00	-3,792,088.00	-3,178,052.02	0.00	-614,035.98	83.8%
<u>05 Transfers In</u>							
4610 Transfers from other Funds	-370,000.00	0.00	-370,000.00	-365,000.00	0.00	-5,000.00	98.6%
TOTAL Transfers In	-370,000.00	0.00	-370,000.00	-365,000.00	0.00	-5,000.00	98.6%
<u>50 Salaries</u>							
5501 Fire Chief	189,344.00	0.00	189,344.00	189,346.74	0.00	-2.74	100.0%
5503 Deputy Chief	347,420.00	0.00	347,420.00	347,438.26	0.00	-18.26	100.0%
5504 Division Chief	631,676.00	-78,959.00	552,717.00	400,800.17	0.00	151,916.83	72.5%
5505 Battalion Chief	1,675,486.00	109,391.00	1,784,877.00	1,915,635.26	0.00	-130,758.26	107.3%



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ACCOUNTS FOR: 10 General Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
5506 Exempt Staff Group	1,754,250.00	-59,342.00	1,694,908.00	1,700,609.43	0.00	-5,701.43	100.3%
5507 Fire Inspectors	422,374.00	11,896.00	434,270.00	439,851.83	0.00	-5,581.83	101.3%
5508 Deputy Fire Marshal Captain	543,049.00	-192,746.00	350,303.00	325,846.49	0.00	24,456.51	93.0%
5509 Deputy Fire Marshall Lieutenan	0.00	206,090.00	206,090.00	211,086.66	0.00	-4,996.66	102.4%
5510 Captain	2,471,025.00	61,787.00	2,532,812.00	2,414,602.68	0.00	118,209.32	95.3%
5512 Lieutenant	3,606,584.00	172,730.25	3,779,314.25	3,745,431.76	0.00	33,882.49	99.1%
5515 Apparatus Operator	5,122,520.00	135,990.00	5,258,510.00	5,204,284.28	0.00	54,225.72	99.0%
5520 Fire Fighter	7,091,676.00	160,920.00	7,252,596.00	7,289,691.12	0.00	-37,095.12	100.5%
5525 Paramedic	226,348.00	0.00	226,348.00	235,662.22	0.00	-9,314.22	104.1%
5530 Non-exempt Staff Group	1,777,905.00	-23,620.25	1,754,284.75	1,729,151.70	0.00	25,133.05	98.6%
5535 Other Employee	73,982.00	0.00	73,982.00	74,170.24	0.00	-188.24	100.3%
5540 Temporary Labor	72,960.00	0.00	72,960.00	62,134.25	0.00	10,825.75	85.2%
5545 Premium Pay	391,158.00	26,482.00	417,640.00	427,687.54	0.00	-10,047.54	102.4%
5550 Conflagration Labor	0.00	417,103.00	417,103.00	496,905.00	0.00	-79,802.00	119.1%
5555 School Replacement	30,000.00	0.00	30,000.00	26,954.37	0.00	3,045.63	89.8%
5560 Operational Replacement	3,700,000.00	1,749,190.00	5,449,190.00	5,217,746.35	0.00	231,443.65	95.8%
5562 Vacation Buyback	65,000.00	0.00	65,000.00	69,358.88	0.00	-4,358.88	106.7%
5563 Retirement/Separation Vacation	350,000.00	0.00	350,000.00	435,428.65	0.00	-85,428.65	124.4%
5564 Other Leave Buyback	0.00	0.00	0.00	1,083.10	0.00	-1,083.10	100.0%
5600 Overtime	459,000.00	32,915.00	491,915.00	518,831.27	0.00	-26,916.27	105.5%
TOTAL Salaries	31,001,757.00	2,729,827.00	33,731,584.00	33,479,738.25	0.00	251,845.75	99.3%

60 Benefits



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ACCOUNTS FOR: 10 General Fund ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
6620 SS/Medicare 2,372,460.00	54,136.00	2,426,596.00	2,345,917.20	0.00	80,678.80	96.7%
6640 Tri-Met Taxes 186,075.00	4,265.00	190,340.00	198,740.48	0.00	-8,400.48	104.4%
6656 PERS Employer 5,658,996.00	168,857.00	5,827,853.00	6,194,139.53	0.00	-366,286.53	106.3%
6667 PERS Bond Payment 1,798,545.00	0.00	1,798,545.00	1,797,517.53	0.00	1,027.47	99.9%
6670 Deferred Compensation 583,382.00	10,907.00	594,289.00	540,487.98	0.00	53,801.02	90.9%
6675 Unemployment 5,000.00	0.00	5,000.00	8,385.89	0.00	-3,385.89	167.7%
6680 Life Insurance 45,000.00	0.00	45,000.00	38,061.82	0.00	6,938.18	84.6%
6685 Conflagration Benefits 0.00	191,397.00	191,397.00	191,395.00	0.00	2.00	100.0%
6690 Café Plan Benefits 3,973,908.00	0.00	3,973,908.00	3,889,345.72	0.00	84,562.28	97.9%
6691 PEHP 336,000.00	0.00	336,000.00	315,456.00	0.00	20,544.00	93.9%
6692 Other Post-Employ Benefits 675,000.00	0.00	675,000.00	552,786.80	0.00	122,213.20	81.9%
6693 Health Trust 296,337.00	7,076.00	303,413.00	241,280.00	0.00	62,133.00	79.5%
6700 Floater Allowance 0.00	0.00	0.00	45.00	0.00	-45.00	100.0%
6701 Vehicle Allowance 11,216.00	0.00	11,216.00	11,020.32	0.00	195.68	98.3%
6702 Tool Allowance 6,000.00	0.00	6,000.00	6,000.00	0.00	0.00	100.0%
6703 Cell/Tech Allowance 3,400.00	0.00	3,400.00	6,925.00	0.00	-3,525.00	203.7%
6705 Workers Compensation 730,565.00	0.00	730,565.00	764,718.14	0.00	-34,153.14	104.7%
TOTAL Benefits 16,681,884.00	436,638.00	17,118,522.00	17,102,222.41	0.00	16,299.59	99.9%
<hr/>						
70 Materials and Servic						
7007 Depreciation Expense 0.00	0.00	0.00	44,444.45	0.00	-44,444.45	100.0%



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ACCOUNTS FOR: 10 General Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
7010 Election Costs	30,000.00	0.00	30,000.00	31,437.62	0.00	-1,437.62	104.8%
7015 Meeting Expense	27,203.00	0.00	27,203.00	23,436.51	0.00	3,766.49	86.2%
7030 Civil Service Exam Expense	10,500.00	0.00	10,500.00	10,801.55	0.00	-301.55	102.9%
7035 Bank Charges	15,000.00	0.00	15,000.00	15,489.21	0.00	-489.21	103.3%
7040 Dues & Publications	43,843.00	-7,500.00	36,343.00	27,521.37	190.00	8,631.63	76.2%
7045 Awards & Recognitions	37,515.00	-4,851.00	32,664.00	26,375.83	160.00	6,128.17	81.2%
7055 Operating Supply	224,297.00	210,678.00	434,975.00	208,602.85	3,132.62	223,239.53	48.7%
7065 Fire Fighting Supply	80,199.00	-4,976.92	75,222.08	77,276.94	5,951.79	-8,006.65	110.6%
7070 Rescue Supply	41,315.00	-3,475.00	37,840.00	33,063.74	0.00	4,776.26	87.4%
7075 EMS Supply	240,000.00	-12,408.70	227,591.30	246,598.27	0.00	-19,006.97	108.4%
7078 Department Consumables	18,000.00	5.15	18,005.15	21,400.10	39.24	-3,434.19	119.1%
7080 Fuel	226,355.00	5,007.40	231,362.40	279,283.73	0.00	-47,921.33	120.7%
7085 Uniform & Protective Eqpt	519,437.00	-110,097.36	409,339.64	328,223.56	7,220.09	73,895.99	81.9%
7090 Office Supplies	29,965.00	1,010.00	30,975.00	17,390.17	19.69	13,565.14	56.2%
7095 Software & Supplies	414,216.00	-25,000.00	389,216.00	384,081.01	5,442.38	-307.39	100.1%
7105 Household Goods	76,246.00	1,250.00	77,496.00	71,171.12	0.00	6,324.88	91.8%
7110 Professional Services	461,350.00	94,600.00	555,950.00	443,138.34	143,859.10	-31,047.44	105.6%
7115 Dispatch Services	1,337,739.00	0.00	1,337,739.00	1,518,737.50	0.00	-180,998.50	113.5%
7116 Utilities - Natural Gas	0.00	0.00	0.00	82,034.32	0.00	-82,034.32	100.0%
7117 Utilities - Electric	0.00	0.00	0.00	170,131.52	0.00	-170,131.52	100.0%
7118 Utilities - Garbage	0.00	0.00	0.00	40,468.74	0.00	-40,468.74	100.0%
7119 Utilities - Water	0.00	0.00	0.00	95,724.32	0.00	-95,724.32	100.0%



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ACCOUNTS FOR: 10 General Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
7120 Utilities - Other	414,385.00	92,364.00	506,749.00	106,284.41	40,062.02	360,402.57	28.9%
7122 Utilities - Telephone	341,000.00	0.00	341,000.00	369,749.46	5,219.60	-33,969.06	110.0%
7130 Insurance - Property/Casualty	244,970.00	0.00	244,970.00	240,644.97	9,530.03	-5,205.00	102.1%
7135 Medical Exams	253,325.00	0.00	253,325.00	231,113.32	0.00	22,211.68	91.2%
7140 Schools/Conferences Registrati	146,050.00	-2,500.00	143,550.00	75,149.77	0.00	68,400.23	52.4%
7141 Tuition Reimbursement	40,000.00	0.00	40,000.00	44,522.06	0.00	-4,522.06	111.3%
7142 Travel Expense	35,140.00	-1,777.00	33,363.00	40,183.88	0.00	-6,820.88	120.4%
7145 Mileage Reimbursement	6,600.00	43,000.00	49,600.00	48,675.37	0.00	924.63	98.1%
7150 Volunteer Fire Fighter Exp	43,000.00	25,732.00	68,732.00	67,075.68	0.00	1,656.32	97.6%
7155 Vehicle Maintenance	422,323.00	49,544.59	471,867.59	372,150.97	947.80	98,768.82	79.1%
7160 Equipment Maintenance	140,319.00	-22,790.40	117,528.60	82,579.58	1,206.46	33,742.56	71.3%
7165 Radio Maintenance	40,500.00	-7,000.00	33,500.00	42,194.92	320.00	-9,014.92	126.9%
7170 Facility Maintenance	356,578.00	-76,494.63	280,083.37	255,695.36	3,414.00	20,974.01	92.5%
7175 Office Equipment Maintenance	25,340.00	38,000.00	63,340.00	40,339.45	0.00	23,000.55	63.7%
7180 Computer & AV Maintenance	34,780.00	-11,000.00	23,780.00	18,358.14	0.00	5,421.86	77.2%
7185 SCBA Maintenance	0.00	0.00	0.00	6,178.00	0.00	-6,178.00	100.0%
7187 Fire Extinguisher Expense	4,000.00	0.00	4,000.00	0.00	0.00	4,000.00	.0%
7190 Training Expense	53,257.00	3,500.00	56,757.00	74,191.31	0.00	-17,434.31	130.7%
7195 Public Education	65,000.00	390.18	65,390.18	55,057.67	0.00	10,332.51	84.2%
7205 Postage & Freight	31,421.00	-874.11	30,546.89	33,012.22	0.00	-2,465.33	108.1%
7210 Small Tool, Eqpts & Furnishing	40,700.00	24,500.00	65,200.00	75,165.54	0.00	-9,965.54	115.3%
7215 Other Expense	32,000.00	3,514.69	35,514.69	33,203.29	1.00	2,310.40	93.5%
TOTAL Materials and Servic	6,603,868.00	302,350.89	6,906,218.89	6,508,358.14	226,715.82	171,144.93	97.5%



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ACCOUNTS FOR: 10 General Fund ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
<u>80 Capital Outlay</u>						
8825 Fire Fighting Equipment						
88,900.00	-20,001.00	68,899.00	71,401.35	0.00	-2,502.35	103.6%
8835 EMS & Rescue Equipment						
30,000.00	-15,000.00	15,000.00	128.45	0.00	14,871.55	.9%
8845 Communications Equipment						
7,000.00	38,000.00	45,000.00	39,150.00	0.00	5,850.00	87.0%
8860 Facility Improvement						
153,460.00	-50,000.00	103,460.00	47,547.61	0.00	55,912.39	46.0%
8870 Furniture, Appliances & Tools						
306,188.00	97,000.00	403,188.00	264,816.61	45,177.75	93,193.64	76.9%
8885 Office Equipment						
40,000.00	-38,000.00	2,000.00	1,670.63	0.00	329.37	83.5%
8890 Computer & AV Equipment						
277,160.00	-10,000.00	267,160.00	181,507.12	0.00	85,652.88	67.9%
TOTAL Capital Outlay						
902,708.00	1,999.00	904,707.00	606,221.77	45,177.75	253,307.48	72.0%
<u>90 Transfers Out</u>						
9920 Transfer to Equip Reserve Fund						
250,000.00	-250,000.00	0.00	0.00	0.00	0.00	.0%
9930 Transfer to Cap Proj Fund						
500,000.00	-500,000.00	0.00	0.00	0.00	0.00	.0%
TOTAL Transfers Out						
750,000.00	-750,000.00	0.00	0.00	0.00	0.00	.0%
<u>99 End Fund Balance</u>						
9910 Contingency						
2,226,451.00	-1,262,806.00	963,645.00	0.00	0.00	963,645.00	.0%
9915 Restricted Contingency						
1,000,000.00	0.00	1,000,000.00	0.00	0.00	1,000,000.00	.0%
9999 Unappropriated Ending Fund Bal						
14,752,421.00	-416,487.00	14,335,934.00	0.00	0.00	14,335,934.00	.0%
TOTAL End Fund Balance						
17,978,872.00	-1,679,293.00	16,299,579.00	0.00	0.00	16,299,579.00	.0%



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ACCOUNTS FOR: 10 General Fund ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
TOTAL General Fund 0.00	44,616.89	44,616.89	-74,349.37	271,893.57	-152,927.31	442.8%
TOTAL REVENUES -73,919,089.00	-996,905.00	-74,915,994.00	-57,770,889.94	0.00	-17,145,104.06	
TOTAL EXPENSES 73,919,089.00	1,041,521.89	74,960,610.89	57,696,540.57	271,893.57	16,992,176.75	



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ACCOUNTS FOR: 20 Equipment Reserve Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
<u>00 Beg Fund Bal</u>							
9995 Beg Fund Bal	-486,641.00	27,602.00	-459,039.00	0.00	0.00	-459,039.00	.0%
TOTAL Beg Fund Bal	-486,641.00	27,602.00	-459,039.00	0.00	0.00	-459,039.00	.0%
<u>03 Interest</u>							
4490 Investment Interest	-5,000.00	0.00	-5,000.00	-2,265.76	0.00	-2,734.24	45.3%
TOTAL Interest	-5,000.00	0.00	-5,000.00	-2,265.76	0.00	-2,734.24	45.3%
<u>04 Other Revenues</u>							
4540 Sale of Surplus	-20,000.00	-800,000.00	-820,000.00	-827,886.19	0.00	7,886.19	101.0%
TOTAL Other Revenues	-20,000.00	-800,000.00	-820,000.00	-827,886.19	0.00	7,886.19	101.0%
<u>05 Transfers In</u>							
4610 Transfers from other Funds	-250,000.00	250,000.00	0.00	0.00	0.00	0.00	.0%
TOTAL Transfers In	-250,000.00	250,000.00	0.00	0.00	0.00	0.00	.0%
<u>70 Materials and Servic</u>							



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ACCOUNTS FOR: 20 Equipment Reserve Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
7110 Professional Services	0.00	39,250.00	39,250.00	39,250.00	0.00	0.00	100.0%
TOTAL Materials and Servic	0.00	39,250.00	39,250.00	39,250.00	0.00	0.00	100.0%
<hr/>							
80 Capital Outlay							
8805 Fire Apparatus	370,000.00	0.00	370,000.00	374,670.00	0.00	-4,670.00	101.3%
8835 EMS & Rescue Equipment	100,000.00	0.00	100,000.00	0.00	0.00	100,000.00	.0%
8850 Staff Vehicles	100,500.00	-2,602.00	97,898.00	97,879.28	0.00	18.72	100.0%
TOTAL Capital Outlay	570,500.00	-2,602.00	567,898.00	472,549.28	0.00	95,348.72	83.2%
<hr/>							
99 End Fund Balance							
9910 Contingency	25,000.00	-25,000.00	0.00	0.00	0.00	0.00	.0%
9999 Unappropriated Ending Fund Bal	166,141.00	510,750.00	676,891.00	0.00	0.00	676,891.00	.0%
TOTAL End Fund Balance	191,141.00	485,750.00	676,891.00	0.00	0.00	676,891.00	.0%
TOTAL Equipment Reserve Fund	0.00	0.00	0.00	-318,352.67	0.00	318,352.67	100.0%
TOTAL REVENUES	-761,641.00	-522,398.00	-1,284,039.00	-830,151.95	0.00	-453,887.05	
TOTAL EXPENSES	761,641.00	522,398.00	1,284,039.00	511,799.28	0.00	772,239.72	



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ACCOUNTS FOR: 30 Capital Projects Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
<u>00 Beg Fund Bal</u>							
9995 Beg Fund Bal	-3,514,800.00	123,162.00	-3,391,638.00	0.00	0.00	-3,391,638.00	.0%
TOTAL Beg Fund Bal	-3,514,800.00	123,162.00	-3,391,638.00	0.00	0.00	-3,391,638.00	.0%
<u>02 Bond Proceeds</u>							
4472 Bond and Loan Proceeds	0.00	-7,000,000.00	-7,000,000.00	-7,000,000.00	0.00	0.00	100.0%
TOTAL Bond Proceeds	0.00	-7,000,000.00	-7,000,000.00	-7,000,000.00	0.00	0.00	100.0%
<u>03 Interest</u>							
4490 Investment Interest	-14,000.00	0.00	-14,000.00	-13,918.68	0.00	-81.32	99.4%
TOTAL Interest	-14,000.00	0.00	-14,000.00	-13,918.68	0.00	-81.32	99.4%
<u>05 Transfers In</u>							
4610 Transfers from other Funds	-500,000.00	500,000.00	0.00	0.00	0.00	0.00	.0%
TOTAL Transfers In	-500,000.00	500,000.00	0.00	0.00	0.00	0.00	.0%
<u>70 Materials and Servic</u>							



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ACCOUNTS FOR: 30 Capital Projects Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
7020 Debt Interest Expense	0.00	194,500.00	194,500.00	132,368.06	0.00	62,131.94	68.1%
7025 Debt Principal Expense	0.00	167,796.00	167,796.00	120,926.05	0.00	46,869.95	72.1%
7026 Debt Issuance Expense	0.00	35,000.00	35,000.00	30,300.00	0.00	4,700.00	86.6%
TOTAL Materials and Servic	0.00	397,296.00	397,296.00	283,594.11	0.00	113,701.89	71.4%
<hr/>							
80 Capital Outlay							
8860 Facility Improvement	3,921,516.00	5,979,542.00	9,901,058.00	3,303,292.82	1,732,198.91	4,865,566.27	50.9%
TOTAL Capital Outlay	3,921,516.00	5,979,542.00	9,901,058.00	3,303,292.82	1,732,198.91	4,865,566.27	50.9%
<hr/>							
99 End Fund Balance							
9999 Unappropriated Ending Fund Bal	107,284.00	0.00	107,284.00	0.00	0.00	107,284.00	.0%
TOTAL End Fund Balance	107,284.00	0.00	107,284.00	0.00	0.00	107,284.00	.0%
TOTAL Capital Projects Fund	0.00	0.00	0.00	-3,427,031.75	1,732,198.91	1,694,832.84	100.0%
TOTAL REVENUES	-4,028,800.00	-6,376,838.00	-10,405,638.00	-7,013,918.68	0.00	-3,391,719.32	
TOTAL EXPENSES	4,028,800.00	6,376,838.00	10,405,638.00	3,586,886.93	1,732,198.91	5,086,552.16	



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ACCOUNTS FOR: 40 Enterprise Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
<u>00 Beg Fund Bal</u>							
9995 Beg Fund Bal	-17,986.00	-4,932.00	-22,918.00	0.00	0.00	-22,918.00	.0%
TOTAL Beg Fund Bal	-17,986.00	-4,932.00	-22,918.00	0.00	0.00	-22,918.00	.0%
<u>03 Interest</u>							
4490 Investment Interest	-200.00	0.00	-200.00	-132.10	0.00	-67.90	66.1%
TOTAL Interest	-200.00	0.00	-200.00	-132.10	0.00	-67.90	66.1%
<u>04 Other Revenues</u>							
4502 Training Class Revenue	0.00	0.00	0.00	-80.00	0.00	80.00	100.0%
4560 Grant Revenue	0.00	-4,500.00	-4,500.00	-4,379.86	0.00	-120.14	97.3%
4571 Other Revenues	-5,000.00	0.00	-5,000.00	0.00	0.00	-5,000.00	.0%
TOTAL Other Revenues	-5,000.00	-4,500.00	-9,500.00	-4,459.86	0.00	-5,040.14	46.9%
<u>70 Materials and Servic</u>							
7055 Operating Supply	0.00	9,432.00	9,432.00	4,027.90	0.00	5,404.10	42.7%
TOTAL Materials and Servic	0.00	9,432.00	9,432.00	4,027.90	0.00	5,404.10	42.7%
<u>80 Capital Outlay</u>							



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ACCOUNTS FOR: 40 Enterprise Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
8860 Facility Improvement	12,000.00	0.00	12,000.00	0.00	0.00	12,000.00	.0%
TOTAL Capital Outlay	12,000.00	0.00	12,000.00	0.00	0.00	12,000.00	.0%
<hr/>							
90 Transfers Out							
9980 Transfer to General Fund	5,000.00	0.00	5,000.00	0.00	0.00	5,000.00	.0%
TOTAL Transfers Out	5,000.00	0.00	5,000.00	0.00	0.00	5,000.00	.0%
<hr/>							
99 End Fund Balance							
9999 Unappropriated Ending Fund Bal	6,186.00	0.00	6,186.00	0.00	0.00	6,186.00	.0%
TOTAL End Fund Balance	6,186.00	0.00	6,186.00	0.00	0.00	6,186.00	.0%
TOTAL Enterprise Fund	0.00	0.00	0.00	-564.06	0.00	564.06	100.0%
TOTAL REVENUES	-23,186.00	-9,432.00	-32,618.00	-4,591.96	0.00	-28,026.04	
TOTAL EXPENSES	23,186.00	9,432.00	32,618.00	4,027.90	0.00	28,590.10	



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ACCOUNTS FOR: 50 Debt Service Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
<u>00 Beg Fund Bal</u>							
9995 Beg Fund Bal	-216,872.00	163,021.00	-53,851.00	0.00	0.00	-53,851.00	.0%
TOTAL Beg Fund Bal	-216,872.00	163,021.00	-53,851.00	0.00	0.00	-53,851.00	.0%
<u>01 Tax Revenues</u>							
4450 Current Year Prop Taxes	-1,967,928.00	0.00	-1,967,928.00	-2,043,149.14	0.00	75,221.14	103.8%
4455 Prior Year Prop Taxes	-30,000.00	0.00	-30,000.00	-73,047.72	0.00	43,047.72	243.5%
TOTAL Tax Revenues	-1,997,928.00	0.00	-1,997,928.00	-2,116,196.86	0.00	118,268.86	105.9%
<u>03 Interest</u>							
4490 Investment Interest	-2,500.00	0.00	-2,500.00	-10,690.52	0.00	8,190.52	427.6%
TOTAL Interest	-2,500.00	0.00	-2,500.00	-10,690.52	0.00	8,190.52	427.6%
<u>70 Materials and Servic</u>							
7020 Debt Interest Expense	1,049,000.00	0.00	1,049,000.00	1,048,999.98	0.00	0.02	100.0%
7025 Debt Principal Expense	920,000.00	0.00	920,000.00	920,000.00	0.00	0.00	100.0%
TOTAL Materials and Servic	1,969,000.00	0.00	1,969,000.00	1,968,999.98	0.00	0.02	100.0%
<u>99 End Fund Balance</u>							



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ACCOUNTS FOR: 50 Debt Service Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
9999 Unappropriated Ending Fund Bal	248,300.00	-163,021.00	85,279.00	0.00	0.00	85,279.00	.0%
TOTAL End Fund Balance	248,300.00	-163,021.00	85,279.00	0.00	0.00	85,279.00	.0%
TOTAL Debt Service Fund	0.00	0.00	0.00	-157,887.40	0.00	157,887.40	100.0%
TOTAL REVENUES	-2,217,300.00	163,021.00	-2,054,279.00	-2,126,887.38	0.00	72,608.38	
TOTAL EXPENSES	2,217,300.00	-163,021.00	2,054,279.00	1,968,999.98	0.00	85,279.02	



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ACCOUNTS FOR: 60 Bond Construction Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
<u>00 Beg Fund Bal</u>							
9995 Beg Fund Bal	-3,552,548.00	-2,193,038.00	-5,745,586.00	0.00	0.00	-5,745,586.00	.0%
TOTAL Beg Fund Bal	-3,552,548.00	-2,193,038.00	-5,745,586.00	0.00	0.00	-5,745,586.00	.0%
<u>03 Interest</u>							
4490 Investment Interest	-100,000.00	0.00	-100,000.00	-185,539.47	0.00	85,539.47	185.5%
TOTAL Interest	-100,000.00	0.00	-100,000.00	-185,539.47	0.00	85,539.47	185.5%
<u>04 Other Revenues</u>							
4571 Other Revenues	0.00	-275,000.00	-275,000.00	-21,013.11	0.00	-253,986.89	7.6%
TOTAL Other Revenues	0.00	-275,000.00	-275,000.00	-21,013.11	0.00	-253,986.89	7.6%
<u>80 Capital Outlay</u>							
8860 Facility Improvement	3,652,548.00	2,468,038.00	6,120,586.00	5,998,133.88	0.00	122,452.12	98.0%
8870 Furniture, Appliances & Tools	0.00	0.00	0.00	7,302.63	0.00	-7,302.63	100.0%
TOTAL Capital Outlay	3,652,548.00	2,468,038.00	6,120,586.00	6,005,436.51	0.00	115,149.49	98.1%
TOTAL Bond Construction Fund	0.00	0.00	0.00	5,798,883.93	0.00	-5,798,883.93	100.0%
TOTAL REVENUES	-3,652,548.00	-2,468,038.00	-6,120,586.00	-206,552.58	0.00	-5,914,033.42	
TOTAL EXPENSES	3,652,548.00	2,468,038.00	6,120,586.00	6,005,436.51	0.00	115,149.49	



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ACCOUNTS FOR: 70 PERS Reserve Fund	ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
<u>00 Beg Fund Bal</u>							
9995 Beg Fund Bal	-1,047,008.00	-1,476.00	-1,048,484.00	0.00	0.00	-1,048,484.00	.0%
TOTAL Beg Fund Bal	-1,047,008.00	-1,476.00	-1,048,484.00	0.00	0.00	-1,048,484.00	.0%
<u>03 Interest</u>							
4490 Investment Interest	-7,000.00	0.00	-7,000.00	-8,066.19	0.00	1,066.19	115.2%
TOTAL Interest	-7,000.00	0.00	-7,000.00	-8,066.19	0.00	1,066.19	115.2%
<u>90 Transfers Out</u>							
9980 Transfer to General Fund	365,000.00	0.00	365,000.00	365,000.00	0.00	0.00	100.0%
TOTAL Transfers Out	365,000.00	0.00	365,000.00	365,000.00	0.00	0.00	100.0%
<u>99 End Fund Balance</u>							
9999 Unappropriated Ending Fund Bal	689,008.00	1,476.00	690,484.00	0.00	0.00	690,484.00	.0%
TOTAL End Fund Balance	689,008.00	1,476.00	690,484.00	0.00	0.00	690,484.00	.0%
TOTAL PERS Reserve Fund	0.00	0.00	0.00	356,933.81	0.00	-356,933.81	100.0%
TOTAL REVENUES	-1,054,008.00	-1,476.00	-1,055,484.00	-8,066.19	0.00	-1,047,417.81	
TOTAL EXPENSES	1,054,008.00	1,476.00	1,055,484.00	365,000.00	0.00	690,484.00	



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ORIGINAL APPROP	TRANS/ADJSMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	% USED
	GRAND TOTAL					
0.00	44,616.89	44,616.89	2,177,632.49	2,004,092.48	-4,137,108.08	9372.5%

** END OF REPORT - Generated by Anh Le **

FINANCIAL REPORT – Period ending August 31, 2019 (FY2019-20)

General Fund 10

As of August 31, 2019, Fiscal Year 2019-2020 is 16.7% complete.

Following is a summary of financial activity through August 31, 2019:

Revenues: The General Fund has received \$321,495 in property tax revenues from both current and prior year’s taxes. These funds were transferred to the Local Government Investment Pool by the Treasurer’s Office. Ambulance Transport is generating revenues of \$73,275 at 9.8% of the adjusted budget before the costs of collection are netted out. This fund has received \$57,248 in interest revenues to date. Additional revenues from contracts, and other sources total another \$320,542.

Expenditures: The General Fund has actual expenditures (excluding encumbrances and depreciation expense) in the following categories through August 31, 2019:

Category:	% of Budget Used
Salaries & Benefits	16.7% of Adjusted Budget
Materials & Services	11.2% of Adjusted Budget
Capital Outlay	1.3% of Adjusted Budget

Equipment Reserve Fund 20

Total expenditures in this fund equal \$0. This fund has received \$378 in interest and \$70,054 in surplus sales revenues to date.

Capital Projects Fund 30

Total expenditures in this fund equal \$22,753 or .3% of the adjusted budget, through August 2019. This fund has received \$2,320 in interest revenues to date.

Enterprise Fund 40

There are no expenditures in this fund in August 2019. This fund has received \$22 in interest revenue.

Debt Service Fund 50

This fund has received \$12,699 in property tax revenues this year, along with \$1,783 in interest earnings. There are no expenditures in this fund in August 2019.

Bond Construction Fund 60

Total expenditures for bond project-related construction costs equal \$4,152 in August 2019. This fund has received \$30,927 in interest revenues and \$20,072 in other revenues.

PERS Reserve Fund 70

There is no expenditures in this fund. The fund has received \$905 in interest revenues in August 2019.

Investment Activity

Short-term Investment Portfolio

The table below indicates the balances of cash accounts as of August 31, 2019.

Short-term Investments as of August 31, 2019	
Local Government Investment Pool	\$15,759,401.89
Key Bank Checking	\$831,467.13
Third Party Trust	\$3,000
TOTAL:	\$ 16,593,869.02

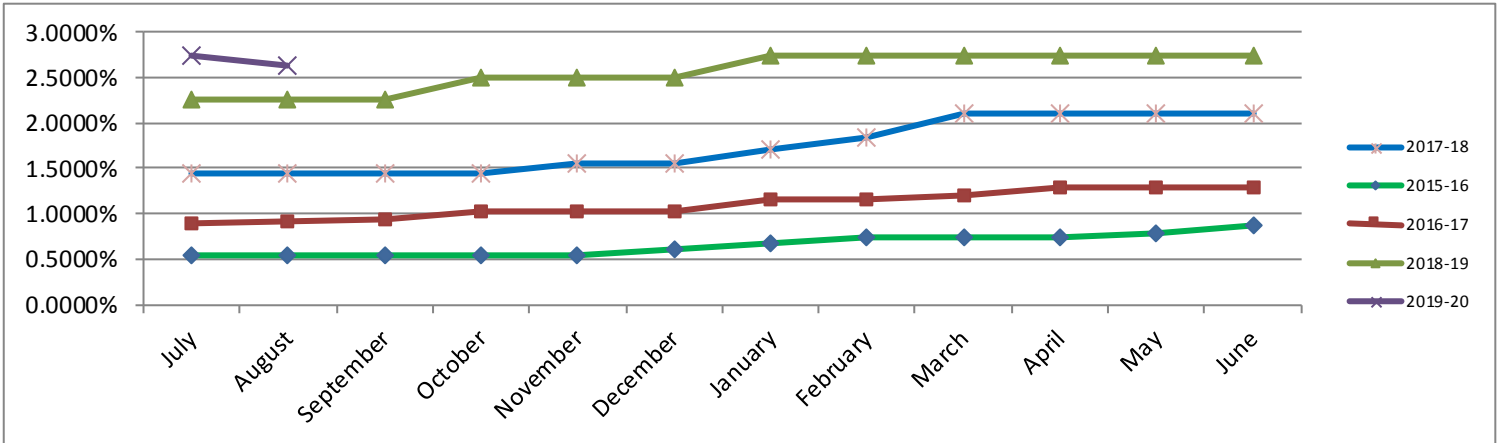
The Oregon LGIP interest rate decreased to 2.64% through August 31, 2019.

Clackamas Fire District No. 1			
LGIP Monthly Interest Rate Averages			Monthly Earnings LGIP
July	2018	2.250%	\$51,012.96
August	2018	2.250%	\$38,644.25
September	2018	2.250%	\$26,261.52
October	2018	2.500%	\$20,752.06
November	2018	2.500%	\$30,260.04
December	2018	2.500%	\$107,167.48
January	2019	2.750%	\$117,102.43
February	2019	2.750%	\$98,288.24
March	2019	2.750%	\$97,917.45
April	2019	2.750%	\$84,486.84
May	2019	2.750%	\$75,103.92
June	2019	2.750%	\$59,889.29
July	2019	2.750%	\$52,420.04
August	2019	2.640%	\$41,162.65

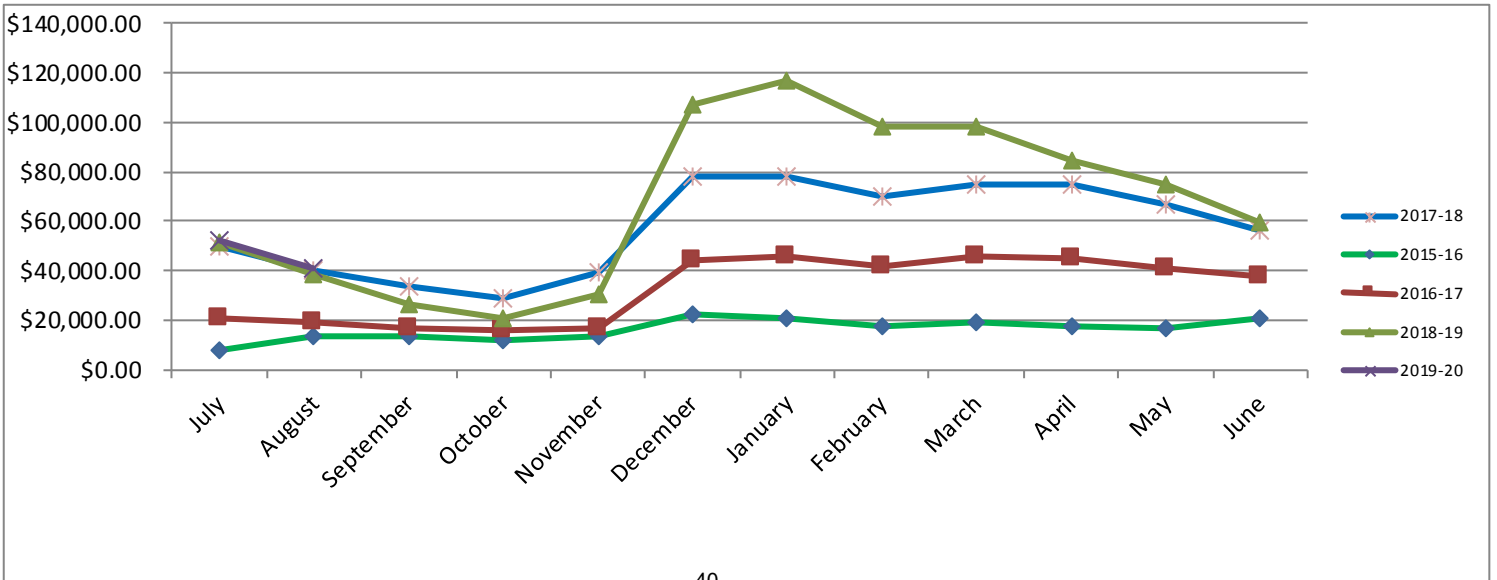
Clackamas Fire District #1

LGIP Interest Rates and Revenue

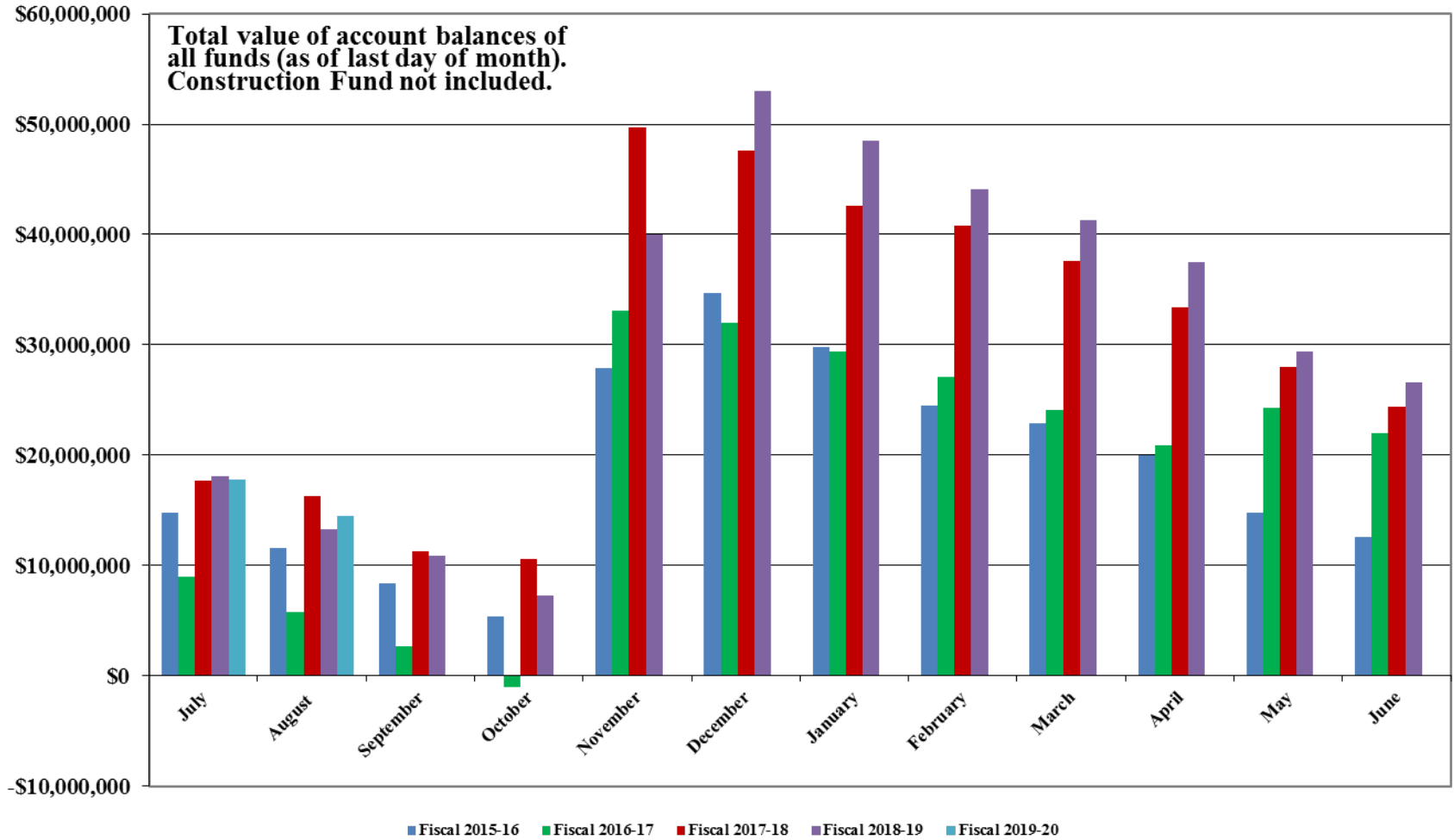
Interest Rates - Fiscal 2015-16 to Present



Interest Revenue - Fiscal 2015-16 to Present



Clackamas County Fire District #1 Account Balances by Month





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Clackamas Fire District
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 02

JOURNAL DETAIL 2020 1 TO 2020 13

ACCOUNTS FOR: 10 General Fund	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
<hr/>							
00 Beg Fund Bal							
9995 Beg Fund Bal	-16,930,137	0	-16,930,137	.00	.00	-16,930,137.00	.0%
TOTAL Beg Fund Bal	-16,930,137	0	-16,930,137	.00	.00	-16,930,137.00	.0%
<hr/>							
01 Tax Revenues							
4450 Current Year Prop Taxes	-53,481,724	0	-53,481,724	-230,909.71	.00	-53,250,814.29	.4%
4455 Prior Year Prop Taxes	-1,200,000	0	-1,200,000	-90,585.44	.00	-1,109,414.56	7.5%
4460 Other Taxes	-8,000	0	-8,000	.00	.00	-8,000.00	.0%
TOTAL Tax Revenues	-54,689,724	0	-54,689,724	-321,495.15	.00	-54,368,228.85	.6%
<hr/>							
03 Interest							
4490 Investment Interest	-350,000	0	-350,000	-57,247.50	.00	-292,752.50	16.4%
TOTAL Interest	-350,000	0	-350,000	-57,247.50	.00	-292,752.50	16.4%
<hr/>							
04 Other Revenues							
4500 Contract Revenue	-232,490	0	-232,490	-50,411.84	.00	-182,078.16	21.7%
4510 ASA Revenue	-135,000	0	-135,000	-32,736.00	.00	-102,264.00	24.2%
4512 Medical Supply Reimb	-70,000	0	-70,000	.00	.00	-70,000.00	.0%
4513 Other Reimbursements	-200,000	0	-200,000	.00	.00	-200,000.00	.0%
4538 Service Cost Recovery	-200,000	0	-200,000	-7,086.20	.00	-192,913.80	3.5%
4539 Conflagration Reimbursement	-125,000	0	-125,000	.00	.00	-125,000.00	.0%
4541 Sale of Inventory/Services/Equip	0	0	0	-32,049.59	.00	32,049.59	100.0%
4545 Other Post-Employ Bene Revenue	-480,000	0	-480,000	-104,875.66	.00	-375,124.34	21.8%
4560 Grant Revenue	-258,182	0	-258,182	-53,807.74	.00	-204,374.26	20.8%
4570 Transportation Response Revenue	-750,000	0	-750,000	-73,274.63	10.00	-676,735.37	9.8%
4571 Other Revenues	-333,000	0	-333,000	-39,575.20	.00	-293,424.80	11.9%
TOTAL Other Revenues	-2,783,672	0	-2,783,672	-393,816.86	10.00	-2,389,865.14	14.1%
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05 Transfers In							



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Clackamas Fire District
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 02

JOURNAL DETAIL 2020 1 TO 2020 13

ACCOUNTS FOR: 10 General Fund	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
4610 Transfers from other Funds	-814,984	0	-814,984	.00	.00	-814,984.00	.0%
TOTAL Transfers In	-814,984	0	-814,984	.00	.00	-814,984.00	.0%
<hr/>							
50 Salaries							
5501 Fire Chief	193,140	0	193,140	32,504.04	.00	160,635.96	16.8%
5503 Deputy Chief	354,386	0	354,386	59,640.49	.00	294,745.51	16.8%
5504 Division Chief	483,255	0	483,255	80,443.20	.00	402,811.80	16.6%
5505 Battalion Chief	1,848,805	0	1,848,805	298,884.74	.00	1,549,920.26	16.2%
5506 Exempt Staff Group	1,786,096	0	1,786,096	301,344.19	.00	1,484,751.81	16.9%
5507 Fire Inspectors	455,238	0	455,238	74,697.23	.00	380,540.77	16.4%
5508 Deputy Fire Marshal Captain	233,436	0	233,436	38,905.83	.00	194,530.17	16.7%
5509 Deputy Fire Marshall Lieutenan	214,160	0	214,160	35,693.44	.00	178,466.56	16.7%
5510 Captain	2,562,977	0	2,562,977	391,722.28	.00	2,171,254.72	15.3%
5512 Lieutenant	3,747,800	0	3,747,800	629,394.05	.00	3,118,405.95	16.8%
5515 Apparatus Operator	5,642,595	0	5,642,595	942,491.70	.00	4,700,103.30	16.7%
5520 Fire Fighter	7,108,064	0	7,108,064	1,196,680.06	.00	5,911,383.94	16.8%
5525 Paramedic	266,124	0	266,124	40,028.06	.00	226,095.94	15.0%
5530 Non-exempt Staff Group	1,752,651	0	1,752,651	280,781.11	.00	1,471,869.89	16.0%
5535 Other Employee	124,906	0	124,906	12,484.36	.00	112,421.64	10.0%
5540 Temporary Labor	88,385	0	88,385	7,216.25	.00	81,168.75	8.2%
5545 Premium Pay	387,967	0	387,967	91,539.20	.00	296,427.80	23.6%
5555 School Replacement	40,954	0	40,954	.00	.00	40,954.00	.0%
5560 Operational Replacement	4,679,000	0	4,679,000	1,027,698.89	.00	3,651,301.11	22.0%
5562 Vacation Buyback	65,000	0	65,000	48,082.70	.00	16,917.30	74.0%
5563 Retirement/Separation Vacation	200,000	0	200,000	123,522.35	.00	76,477.65	61.8%
5564 Other Leave Buyback	0	0	0	897.29	.00	-897.29	100.0%
5600 Overtime	351,210	0	351,210	44,667.61	.00	306,542.27	12.7%
TOTAL Salaries	32,586,149	0	32,586,149	5,759,319.07	.00	26,826,829.81	17.7%
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60 Benefits							
6620 SS/Medicare	2,488,204	0	2,488,204	430,419.74	.00	2,057,784.26	17.3%
6640 Tri-Met Taxes	195,156	0	195,156	35,222.95	.00	159,933.05	18.0%
6650 Transit Tax	3,247	0	3,247	.00	.00	3,247.00	.0%
6656 PERS Employer	7,557,678	0	7,557,678	1,308,523.32	.00	6,249,154.68	17.3%
6670 Deferred Compensation	742,714	0	742,714	96,684.26	646,029.74	.00	100.0%
6675 Unemployment	5,000	0	5,000	547.76	.00	4,452.24	11.0%



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Clackamas Fire District
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 02

JOURNAL DETAIL 2020 1 TO 2020 13

ACCOUNTS FOR: 10 General Fund	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
6680 Life Insurance	45,000	0	45,000	9,364.26	28,976.67	6,659.07	85.2%
6690 Café Plan Benefits	3,831,384	0	3,831,384	457,120.15	.00	3,374,263.85	11.9%
6691 PEHP	332,500	0	332,500	55,500.00	277,000.00	.00	100.0%
6692 Other Post-Employ Benefits	630,565	0	630,565	73,643.35	448,215.57	108,706.08	82.8%
6693 Health Trust	267,737	0	267,737	.00	.00	267,737.00	.0%
6701 Vehicle Allowance	11,216	0	11,216	1,836.72	.00	9,379.28	16.4%
6702 Tool Allowance	6,000	0	6,000	850.00	.00	5,150.00	14.2%
6703 Cell/Tech Allowance	7,200	0	7,200	1,000.00	.00	6,200.00	13.9%
6705 Workers Compensation	766,368	0	766,368	51,979.78	760,897.00	-46,508.78	106.1%
TOTAL Benefits	16,889,969	0	16,889,969	2,522,692.29	2,161,118.98	12,206,157.73	27.7%
70 Materials and Servic							
7005 Discounts Taken	0	0	0	.00	270.00	-270.00	100.0%
7015 Meeting Expense	27,550	0	27,550	989.47	.00	26,560.53	3.6%
7030 Civil Service Exam Expense	6,000	0	6,000	100.14	.00	5,899.86	1.7%
7035 Bank Charges	15,000	0	15,000	2,465.34	12,051.35	483.31	96.8%
7040 Dues & Publications	41,841	0	41,841	6,800.84	953.15	34,087.01	18.5%
7045 Awards & Recognitions	38,000	0	38,000	1,313.93	-160.00	36,846.07	3.0%
7055 Operating Supply	198,420	0	198,420	26,302.19	5,145.53	166,972.28	15.8%
7065 Fire Fighting Supply	64,900	0	64,900	18,921.41	-5,184.30	51,162.89	21.2%
7070 Rescue Supply	8,903	0	8,903	415.99	.00	8,487.01	4.7%
7075 EMS Supply	241,500	0	241,500	48,287.54	821.65	192,390.81	20.3%
7078 Department Consumables	20,000	0	20,000	2,986.68	212.21	16,801.11	16.0%
7080 Fuel	232,300	0	232,300	39,038.53	169,629.11	23,632.36	89.8%
7085 Uniform & Protective Eqpt	428,305	0	428,305	28,307.86	20,399.09	379,598.05	11.4%
7090 Office Supplies	15,900	0	15,900	1,906.09	36.72	13,957.19	12.2%
7095 Software & Supplies	580,867	0	580,867	44,505.86	216,941.96	319,419.18	45.0%
7105 Household Goods	55,793	0	55,793	9,308.11	708.94	45,775.95	18.0%
7110 Professional Services	589,182	0	589,182	24,811.71	147,403.97	416,966.32	29.2%
7115 Dispatch Services	1,638,160	0	1,638,160	244,748.50	1,365,642.50	27,769.00	98.3%
7116 Utilities - Natural Gas	64,109	0	64,109	1,368.32	.00	62,740.68	2.1%
7117 Utilities - Electric	171,777	0	171,777	31,462.27	.00	140,314.73	18.3%
7118 Utilities - Garbage	51,081	0	51,081	4,349.43	.00	46,731.57	8.5%
7119 Utilities - Water	118,417	0	118,417	12,438.33	.00	105,978.67	10.5%
7120 Utilities - Other	135,972	0	135,972	16,003.66	54,550.36	65,417.98	51.9%
7122 Utilities - Telephone	336,300	0	336,300	34,036.92	102,457.34	199,805.74	40.6%
7130 Insurance - Property/Casualty	259,500	0	259,500	1,265.81	7,734.19	250,500.00	3.5%
7135 Medical Exams	240,654	0	240,654	24,666.34	182,252.82	33,734.84	86.0%
7140 Schools/Conferences Registrati	66,750	0	66,750	2,949.40	.00	63,800.60	4.4%
7141 Tuition Reimbursement	60,000	0	60,000	12,042.45	.00	47,957.55	20.1%



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Clackamas Fire District
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ACCOUNTS FOR: 10 General Fund	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
7142 Travel Expense	21,500	0	21,500	4,968.14	.00	16,531.86	23.1%
7145 Mileage Reimbursement	71,300	0	71,300	3,050.22	.00	68,249.78	4.3%
7150 Volunteer Fire Fighter Exp	35,000	0	35,000	.00	.00	35,000.00	.0%
7155 Vehicle Maintenance	431,981	0	431,981	66,472.30	7,039.55	358,469.15	17.0%
7160 Equipment Maintenance	114,669	0	114,669	38,231.64	2,537.49	73,899.87	35.6%
7165 Radio Maintenance	31,250	0	31,250	712.23	10.67	30,527.10	2.3%
7170 Facility Maintenance	210,936	0	210,936	9,150.75	21,598.87	180,186.38	14.6%
7175 Office Equipment Maintenance	121,640	0	121,640	7,774.43	32,575.68	81,289.89	33.2%
7180 Computer & AV Maintenance	21,650	0	21,650	2,938.76	4,266.66	14,444.70	33.3%
7187 Fire Extinguisher Expense	2,500	0	2,500	.00	.00	2,500.00	.0%
7190 Training Expense	51,257	0	51,257	3,378.42	2,252.50	45,626.08	11.0%
7195 Public Education	67,000	0	67,000	1,534.60	300.00	65,165.40	2.7%
7205 Postage & Freight	30,000	0	30,000	3,361.56	197.09	26,441.35	11.9%
7210 Small Tool, Eqpts & Furnishing	39,544	0	39,544	-2,509.32	41.75	42,011.57	-6.2%
7215 Other Expense	0	0	0	180.00	.00	-180.00	100.0%
TOTAL Materials and Servic	6,957,408	0	6,957,408	781,036.85	2,352,686.85	3,823,684.42	45.0%
<hr/>							
80 Capital Outlay							
8825 Fire Fighting Equipment	15,200	0	15,200	1,240.96	.00	13,959.04	8.2%
8835 EMS & Rescue Equipment	0	0	0	16.00	.00	-16.00	100.0%
8845 Communications Equipment	7,000	0	7,000	.00	.00	7,000.00	.0%
8860 Facility Improvement	49,700	0	49,700	565.43	.00	49,134.57	1.1%
8870 Furniture, Appliances & Tools	1,000	0	1,000	.00	.00	1,000.00	.0%
8890 Computer & AV Equipment	117,245	0	117,245	629.99	3,731.01	112,884.00	3.7%
TOTAL Capital Outlay	190,145	0	190,145	2,452.38	3,731.01	183,961.61	3.3%
<hr/>							
85 Debt Service							
9916 Debt Service Principal	1,135,000	0	1,135,000	.00	.00	1,135,000.00	.0%
9917 Debt Service Interest	749,955	0	749,955	.00	.00	749,955.00	.0%
TOTAL Debt Service	1,884,955	0	1,884,955	.00	.00	1,884,955.00	.0%
<hr/>							
99 End Fund Balance							



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Clackamas Fire District
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ACCOUNTS FOR: 10	General Fund	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
9910	Contingency	1,415,435	0	1,415,435	.00	.00	1,415,435.00	.0%
9915	Restricted Contingency	1,000,000	0	1,000,000	.00	.00	1,000,000.00	.0%
9999	Unappropriated Ending Fund Bal	14,650,711	0	14,650,711	.00	.00	14,650,711.00	.0%
TOTAL End Fund Balance		17,066,146	0	17,066,146	.00	.00	17,066,146.00	.0%
TOTAL General Fund		6,255	0	6,255	8,292,941.08	4,517,546.84	-12,804,232.92*****%	
TOTAL REVENUES		-75,568,517	0	-75,568,517	-772,559.51	10.00	-74,795,967.49	
TOTAL EXPENSES		75,574,772	0	75,574,772	9,065,500.59	4,517,536.84	61,991,734.57	



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Clackamas Fire District
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 02		JOURNAL DETAIL 2020 1 TO 2020 13						
ACCOUNTS FOR:		ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
20	Equipment Reserve Fund							
<hr/>								
00	Beg Fund Bal							
<hr/>								
9995	Beg Fund Bal	-798,244	0	-798,244	.00	.00	-798,244.00	.0%
	TOTAL Beg Fund Bal	-798,244	0	-798,244	.00	.00	-798,244.00	.0%
<hr/>								
03	Interest							
<hr/>								
4490	Investment Interest	-3,000	0	-3,000	-377.64	.00	-2,622.36	12.6%
	TOTAL Interest	-3,000	0	-3,000	-377.64	.00	-2,622.36	12.6%
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04	Other Revenues							
<hr/>								
4540	Sale of Surplus	-15,000	0	-15,000	-70,054.01	.00	55,054.01	467.0%
	TOTAL Other Revenues	-15,000	0	-15,000	-70,054.01	.00	55,054.01	467.0%
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80	Capital Outlay							
<hr/>								
8825	Fire Fighting Equipment	445,000	0	445,000	.00	.00	445,000.00	.0%
	TOTAL Capital Outlay	445,000	0	445,000	.00	.00	445,000.00	.0%
<hr/>								
90	Transfers Out							
<hr/>								
9930	Transfer to Cap Proj Fund	200,000	0	200,000	.00	.00	200,000.00	.0%
9980	Transfer to General Fund	122,500	0	122,500	.00	.00	122,500.00	.0%
	TOTAL Transfers Out	322,500	0	322,500	.00	.00	322,500.00	.0%
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99	End Fund Balance							
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Clackamas Fire District
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ACCOUNTS FOR: 20	Equipment Reserve Fund	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
9999	Unappropriated Ending Fund Bal	48,744	0	48,744	.00	.00	48,744.00	.0%
	TOTAL End Fund Balance	48,744	0	48,744	.00	.00	48,744.00	.0%
	TOTAL Equipment Reserve Fund	0	0	0	-70,431.65	.00	70,431.65	100.0%
	TOTAL REVENUES	-816,244	0	-816,244	-70,431.65	.00	-745,812.35	
	TOTAL EXPENSES	816,244	0	816,244	.00	.00	816,244.00	



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Clackamas Fire District
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FOR 2020 02		JOURNAL DETAIL 2020 1 TO 2020 13						
ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED	YTD ACTUAL	ENCUMBRANCES	AVAILABLE	PCT	
30 Capital Projects Fund	APPROP	ADJSTMTS	BUDGET			BUDGET	USED	
<u>00 Beg Fund Bal</u>								
9995 Beg Fund Bal	-6,529,024	0	-6,529,024	.00	.00	-6,529,024.00	.0%	
TOTAL Beg Fund Bal	-6,529,024	0	-6,529,024	.00	.00	-6,529,024.00	.0%	
<u>03 Interest</u>								
4490 Investment Interest	-14,000	0	-14,000	-2,320.04	.00	-11,679.96	16.6%	
TOTAL Interest	-14,000	0	-14,000	-2,320.04	.00	-11,679.96	16.6%	
<u>05 Transfers In</u>								
4610 Transfers from other Funds	-200,000	0	-200,000	.00	.00	-200,000.00	.0%	
TOTAL Transfers In	-200,000	0	-200,000	.00	.00	-200,000.00	.0%	
<u>70 Materials and Servic</u>								
7020 Debt Interest Expense	265,272	0	265,272	.00	.00	265,272.00	.0%	
7025 Debt Principal Expense	241,317	0	241,317	.00	.00	241,317.00	.0%	
TOTAL Materials and Servic	506,589	0	506,589	.00	.00	506,589.00	.0%	
<u>80 Capital Outlay</u>								
8860 Facility Improvement	6,236,435	0	6,236,435	22,752.56	101,263.44	6,112,419.00	2.0%	
TOTAL Capital Outlay	6,236,435	0	6,236,435	22,752.56	101,263.44	6,112,419.00	2.0%	
TOTAL Capital Projects Fund	0	0	0	20,432.52	101,263.44	-121,695.96	100.0%	
TOTAL REVENUES	-6,743,024	0	-6,743,024	-2,320.04	.00	-6,740,703.96		
TOTAL EXPENSES	6,743,024	0	6,743,024	22,752.56	101,263.44	6,619,008.00		



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Clackamas Fire District
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 02		JOURNAL DETAIL 2020 1 TO 2020 13						
ACCOUNTS FOR:		ORIGINAL	TRANFRS/	REVISED	YTD ACTUAL	ENCUMBRANCES	AVAILABLE	PCT
40	Enterprise Fund	APPROP	ADJSTMTS	BUDGET			BUDGET	USED
<u>00 Beg Fund Bal</u>								
9995	Beg Fund Bal	-23,500	0	-23,500	.00	.00	-23,500.00	.0%
	TOTAL Beg Fund Bal	-23,500	0	-23,500	.00	.00	-23,500.00	.0%
<u>03 Interest</u>								
4490	Investment Interest	-200	0	-200	-22.02	.00	-177.98	11.0%
	TOTAL Interest	-200	0	-200	-22.02	.00	-177.98	11.0%
<u>04 Other Revenues</u>								
4571	Other Revenues	-5,000	0	-5,000	.00	.00	-5,000.00	.0%
	TOTAL Other Revenues	-5,000	0	-5,000	.00	.00	-5,000.00	.0%
<u>70 Materials and Servic</u>								
7055	Operating Supply	17,000	0	17,000	.00	.00	17,000.00	.0%
	TOTAL Materials and Servic	17,000	0	17,000	.00	.00	17,000.00	.0%
<u>99 End Fund Balance</u>								
9999	Unappropriated Ending Fund Bal	11,700	0	11,700	.00	.00	11,700.00	.0%
	TOTAL End Fund Balance	11,700	0	11,700	.00	.00	11,700.00	.0%
	TOTAL Enterprise Fund	0	0	0	-22.02	.00	22.02	100.0%
	TOTAL REVENUES	-28,700	0	-28,700	-22.02	.00	-28,677.98	
	TOTAL EXPENSES	28,700	0	28,700	.00	.00	28,700.00	



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Clackamas Fire District
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 02		JOURNAL DETAIL 2020 1 TO 2020 13						
ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED	YTD ACTUAL	ENCUMBRANCES	AVAILABLE	PCT	
50 Debt Service Fund	APPROP	ADJSTMTS	BUDGET			BUDGET	USED	
<u>00 Beg Fund Bal</u>								
9995 Beg Fund Bal	-141,030	0	-141,030	.00	.00	-141,030.00	.0%	
TOTAL Beg Fund Bal	-141,030	0	-141,030	.00	.00	-141,030.00	.0%	
<u>01 Tax Revenues</u>								
4450 Current Year Prop Taxes	-2,482,679	0	-2,482,679	-9,121.17	.00	-2,473,557.83	.4%	
4455 Prior Year Prop Taxes	-30,000	0	-30,000	-3,578.22	.00	-26,421.78	11.9%	
TOTAL Tax Revenues	-2,512,679	0	-2,512,679	-12,699.39	.00	-2,499,979.61	.5%	
<u>03 Interest</u>								
4490 Investment Interest	-2,500	0	-2,500	-1,783.34	.00	-716.66	71.3%	
TOTAL Interest	-2,500	0	-2,500	-1,783.34	.00	-716.66	71.3%	
<u>70 Materials and Servic</u>								
7020 Debt Interest Expense	1,004,200	0	1,004,200	.00	.00	1,004,200.00	.0%	
7025 Debt Principal Expense	1,050,000	0	1,050,000	.00	.00	1,050,000.00	.0%	
TOTAL Materials and Servic	2,054,200	0	2,054,200	.00	.00	2,054,200.00	.0%	
<u>99 End Fund Balance</u>								
9999 Unappropriated Ending Fund Bal	602,009	0	602,009	.00	.00	602,009.00	.0%	
TOTAL End Fund Balance	602,009	0	602,009	.00	.00	602,009.00	.0%	
TOTAL Debt Service Fund	0	0	0	-14,482.73	.00	14,482.73	100.0%	
TOTAL REVENUES	-2,656,209	0	-2,656,209	-14,482.73	.00	-2,641,726.27		
TOTAL EXPENSES	2,656,209	0	2,656,209	.00	.00	2,656,209.00		



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Clackamas Fire District
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 02		JOURNAL DETAIL 2020 1 TO 2020 13						
ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED	YTD ACTUAL	ENCUMBRANCES	AVAILABLE	PCT	
60 Bond Construction Fund	APPROP	ADJSTMTS	BUDGET			BUDGET	USED	
<u>03 Interest</u>								
4490 Investment Interest	-2,000	0	-2,000	-30,926.72	.00	28,926.72	1546.3%	
TOTAL Interest	-2,000	0	-2,000	-30,926.72	.00	28,926.72	1546.3%	
<u>04 Other Revenues</u>								
4571 Other Revenues	0	0	0	-20,072.44	.00	20,072.44	100.0%	
TOTAL Other Revenues	0	0	0	-20,072.44	.00	20,072.44	100.0%	
<u>80 Capital Outlay</u>								
8825 Fire Fighting Equipment	502,000	0	502,000	.00	.00	502,000.00	.0%	
8860 Facility Improvement	0	0	0	4,152.00	.00	-4,152.00	100.0%	
TOTAL Capital Outlay	502,000	0	502,000	4,152.00	.00	497,848.00	.8%	
TOTAL Bond Construction Fund	500,000	0	500,000	-46,847.16	.00	546,847.16	-9.4%	
TOTAL REVENUES	-2,000	0	-2,000	-50,999.16	.00	48,999.16		
TOTAL EXPENSES	502,000	0	502,000	4,152.00	.00	497,848.00		



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Clackamas Fire District
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 02		JOURNAL DETAIL 2020 1 TO 2020 13						
ACCOUNTS FOR: 70 PERS Reserve Fund	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED	
<hr/>								
00 Beg Fund Bal								
9995 Beg Fund Bal	-688,484	0	-688,484	.00	.00	-688,484.00	.0%	
TOTAL Beg Fund Bal	-688,484	0	-688,484	.00	.00	-688,484.00	.0%	
<hr/>								
03 Interest								
4490 Investment Interest	-4,000	0	-4,000	-905.43	.00	-3,094.57	22.6%	
TOTAL Interest	-4,000	0	-4,000	-905.43	.00	-3,094.57	22.6%	
<hr/>								
90 Transfers Out								
9980 Transfer to General Fund	692,484	0	692,484	.00	.00	692,484.00	.0%	
TOTAL Transfers Out	692,484	0	692,484	.00	.00	692,484.00	.0%	
TOTAL PERS Reserve Fund	0	0	0	-905.43	.00	905.43	100.0%	
TOTAL REVENUES	-692,484	0	-692,484	-905.43	.00	-691,578.57		
TOTAL EXPENSES	692,484	0	692,484	.00	.00	692,484.00		



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Clackamas Fire District
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 02

JOURNAL DETAIL 2020 1 TO 2020 13

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
GRAND TOTAL	506,255	0	506,255	8,180,684.61	4,618,810.28	-12,293,239.89	2528.3%

** END OF REPORT - Generated by Christina Day **

Emergency Services Division

To: Chief Fred Charlton and the Board of Directors

From: Division Chief Mike Corless

Re: Operations Division Monthly Report – August 2019

The following summary of work includes those activities completed within the Operations Division.

- Meetings Attended:
 - Staff Meetings
 - Monthly OPS
 - Board Meeting
 - CCOM Fire Users
 - C800
 - Budget monitoring
 - Labor Management
 - Personnel issue
- 8/05 Internal GIS meeting.
- 8/06 Cross Staffing Dispatch issues with CCOM at Station 19.
- 8/06 Met with Oregon City planner regarding Molalla Ave project.
- 8/07 Discussion regarding ambulance pilot program.
- 8/07 Fire Defense Board meeting.
- 8/07 Fire Users work session regarding responses and pending calls.
- 8/12 Demo of FXP Type from Pierce Manufacturing.
- 8/13 Fire Station Alerting meeting with AO Nick Fisher (project manager).
- 8/13 Met with Chief Huffman (Gladstone Fire) to discuss Operational concerns.
- 8/14 Meeting/Training with CCOM on Radios and changing ID's.
- 8/15 C800 Bond Survey meeting.
- 8/20 Interagency meeting with Estacada.
- 8/21 CCOM E-Board meeting.
- 8/23 Half day retreat with Labor Group.
- 8/26 Reviewed expectations with probationary Captain.
- 8/27 Half-day planning retreat with Chief's group.
- 8/28 Meeting with Bob Cochran from CCC regarding paving of temp. Station 16 area.
- 8/28 Interagency meeting with Estacada.
- 8/29 Review CAD issues with CCOM and make corrections.

Respectfully submitted,
Division Chief Mike Corless

North Battalion- A Shift

Battalion Chief Michael Carlsen

- **Significant Incidents**
 - July was an uneventful month for Battalion 302A shift. No major incidents took place.
 - There was one non-imminent water rescue incident at Barton Park that I responded to in place of BC301 due to his commitment on another incident. I took multiple shifts off in order to paint my house.

- **Projects/Events/Meetings/Training**
 - Met with crews which included “howdy rounds,” as well as observing training evolutions.
 - Hosted ride along with Chief Charlton and DC Whiteley.
 - Conducted an After Action Review of the SE 38th Ave. rescue fire with the Operations group during our monthly Operations meeting.
 - Managed an employee personnel issue.
 - Took part in planning for the annual District Retreat. Met with Chief Charlton, BC Stewart and Accounting Manager Anh Le.
 - Coordinated the fourth batch of CCOM Training to place three CCOM dispatcher trainees with Engine Companies for ten-hour ride alongs.
 - Took part in Senior Staff meetings where participants discussed the new Communications Plan.
 - Observed crews during the School Bus Extrication Drill at Aldercreek Middle School.
 - Continued project work: re-tooling the Rehab Program
 - Met Volunteer FF Rick Larson re: issues/opportunities with the Rehab Program.
 - Project Work: work on BC questionnaire for BC apparatus PLL.

North Battalion-B Shift

Battalion Chief Tony Cordie

- **Significant Incidents**
 - August 25th- Commercial apartment fire on SE Causey
 - August 29th- Structure fire on SE Emerald Ct.

- **Projects/Events/Meetings/Training**
 - Evaluated three probationary Apparatus Operators from Engine 302, 303 and 306 in fire ground related skills. They passed and did a great job.
 - Went on several target hazard walk surveys with North Battalion crews.
 - Hosted DC Hari on a ride along to meet with crews in the North Battalion.
 - Attended OPS meeting.
 - Attended Senior Staff meeting.
 - Haz-Mat drill at Rose Villa.
 - Battalion drill on MCI.
 - Training on Fire District communication plan.
 - Attended August 19 Fire District Board meeting.
 - Heavy extrication truck company drill at North Clackamas Schools bus maintenance shop.

- Attended First Responder and Safety Night at Happy Valley Park.
- Attended Milwaukie Public Safety Advisory Committee meeting at the Public Safety Building in Milwaukie.
- Attended MCI drill with crews at the Training Center.

North Battalion-C Shift

Battalion Chief Nick Browne

- Significant Incidents
 - August 20th- Confined space rescue of a female trapped in a septic tank. Truck 316, Heavy Rescue 305 and E318 along with Estacada responded.
 - August 12th- High angle rope rescue in Molalla. Truck 316, Heavy Rescue 305 and Water Rescue 319 responded.
 - August 25th- Residential structure fire. FF Keegan Cross' first fire on the nozzle. Job well done.
- Projects/Events/Meetings/Training
 - This month's US&R Training was re-scheduled due to North Clackamas School District donating three buses for us to extricate/cut on. The focus of the drill was the heavy lifting utilizing the winch, stabilization and different techniques for gaining access inside the bus.
 - This month's truck training was focused on first due search size-up. Focus getting out in the first due area with an engine company and discuss building profiling in regards to search and rescue.

East Battalion- A Shift

Battalion Chief Burke Slater

- Significant Incidents
 - Assisted BC 302 on two different residential fires.
 - 3 MR 1 calls between McIver Park and Barton Park, all assists were after dark for rafters who were stuck on the water due to poor planning.
- Projects/Events/Meetings/Training
 - DC Corless ride along for operational review.
 - BC Slater coordinated the talking points and messaging for the BC's for training of the upcoming Active Shooter drills.
 - BC 301 Began the first phase of the Active Shooter drill with table top review with companies.
 - Evaluated Probationary performance evolutions for both Firefighters and AO's.

East Battalion- B Shift

Battalion Chief Brent Olson

- Significant Incidents
 - August 11- Residential fire mutual aid on Elk Park road in Welches.
 - August 22- Residential fire on Borges Road in Boring.
 - August 26- Residential fire on 187th Ave in Damascus.
 - August 25- Commercial fire on Causey Ave. in Clackamas.
 - August 24- Brush fire on Marna Road in Damascus.
 - August 8- Marine Rescue 2 at Barton Park.
 - August 24- Marine Rescue 1 at Palmer Road.
 - August 24- Marine Rescue 1 at Carver Park.

- Projects/Events/Meetings/Training
 - Attended Operations meeting on 8/12.
 - Fire Chief ride along on 8/22.
 - Continued work on Rusk Rd. fire inquiry.
 - MCI Drill at the Training Center on 8/28.
 - Working on getting crews familiar with Zoom meetings and new organizational communications plan.
 - Happy Valley Concert in the Park- First Responder Night on 8/22.

East Battalion- C Shift

Battalion Chief Jason Ellison

- Significant Incidents
 - August 4- Marine Rescue 1 just above Riverside Park. BC301 assisted WR319 on river access locations to contact the stranded female.
 - August 4- Marine Rescue 2 during the Marine Rescue 1 above. BC301 took command at Carver Park. One male with a hurt leg was stranded above the Carver Cliff. CCSO, TVFR and E311 assisted on the call.
 - August 20- Confined Space Rescue in Estacada. BC301 was assigned rescue group. We had one female stuck in a septic tank. E318, 330, HR305, T316, Life Flight, AMR, BC331 and BC301 were all assigned to the call.
 - August 27- Brush fire on 108th drive. This fire was wind driven and E306 made a great stop. This fire had already started one car on fire and spotted a block away. E306, 308, HR305, BR318 and BC302 were all assigned to the call.
- Projects/Events/Meetings/Training
 - Water Rescue Program management.
 - Probationary firefighter testing.
 - Probationary AO testing.
 - After Action meeting with Estacada Fire.
 - Rope Rescue Program management.

South Battalion- A Shift

Battalion Chief Brian Burke

- Significant Incidents
 - No significant incidents to report for the month of August.
- Projects/Events/Meetings/Training
 - Two probationary firefighter practical exams.
 - Meeting with new probationary Captain.

South Battalion- B Shift

Battalion Chief Jonathan Scheirman

- Significant Incidents
 - Marine rescue 2 at High Rocks on the Gladstone side of the Clackamas River.
 - Brush fire on Glenn Drive in Molalla.
 - HazMat on Molalla Ave.
 - August 29- Early morning thunder storms kept crews busy, including a residential fire in Oak Grove.

- Projects/Events/Meetings/Training
 - Made several station visits and provided crews with OPS notes and MCI drill.
 - Performed a Wildland based drill with South Battalion crews.
 - Evaluated a Probationary FF practical exam.
 - Evaluated a Probationary AO practical exam.
 - Hosted DC Hari on a ride along.
 - Hosted DC Corless on a ride along.
 - Attended a meeting with DC Corless and Chief Huffman from Gladstone Fire.
 - Attended the Water Rescue Consortium meeting.

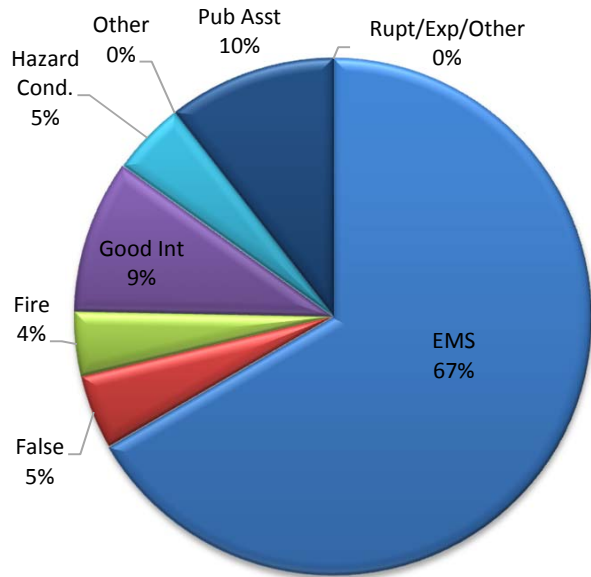
South Battalion- C Shift

Battalion Chief Brian Stewart

- Significant Incidents
 - No significant incidents to report for the month of August.
- Projects/Events/Meetings/Training
 - Probationary AO practical testing.
 - Probationary FF practical testing.
 - My article on risk management was published in Fire Engineering (located in Informational Items in board packet)
 - Assisted in plan for use of proceeds from UASI apparatus sale.
 - Captain Kilgras submitted a grant request for 22, three-gas monitors through Firehouse Subs Foundation.
 - Local Emergency Planning Commission meeting.
 - Emergency Response Plan Tabletop Exercise meeting and preparation.
 - Completed grant performance requirements for Community Risk Assessment and Risk Reduction Plan.
 - Accreditation work and continuing education for peer assessors.
 - Oregon Safety and Health Section meeting.
 - NW Peer Support workgroup meeting.
 - Meeting on and preparation to facilitate the September 18 planning retreat with Accounting Manager Anh Le and BC Mike Carlsen.
 - Neighborhood block party with T316 and M316.
 - Station visits and Target Solutions training.

Clackamas Fire Dist. #1 Emergency Services Report

August 2019



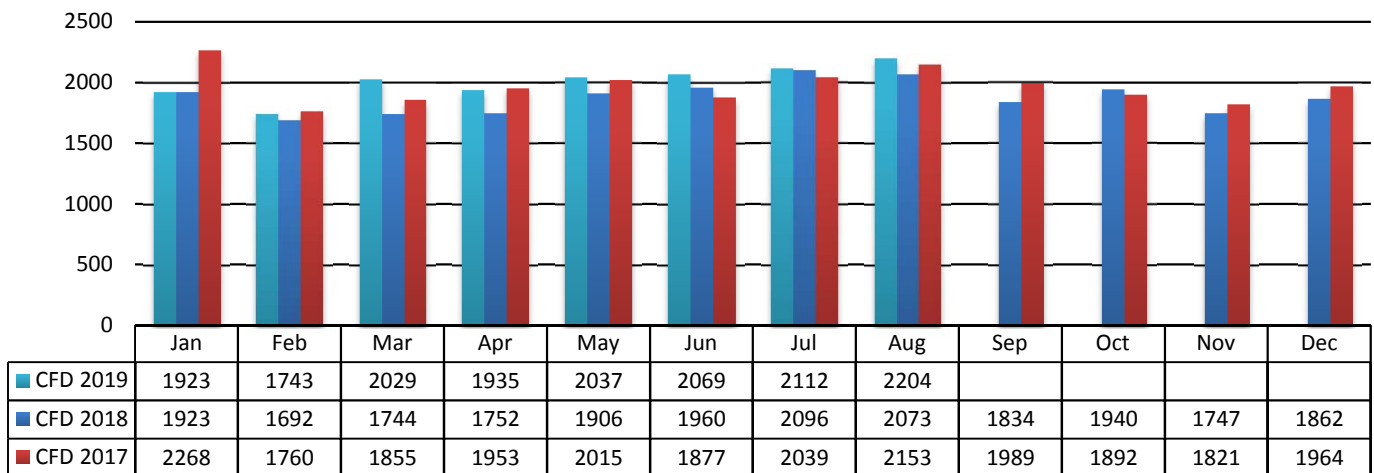
Incident Type	Data
EMS	1469
False	102
Fire	89
Good Int	211
Hazard Cond.	101
Other	0
Pub Asst	232
Rupt/Exp/Weather	0
Grand Total	2204

Year to Date

Incident Type	2017	2018	2019
EMS	15775	15634	10969
False	913	857	669
Fire	603	581	500
Good Int	2186	2060	1460
Hazard Cond.	1472	1050	744
Other	7	7	2
Pub Asst	2619	2337	1696
Rupt/Exp/Weather	11	3	12
Grand Total	23586	22529	16052

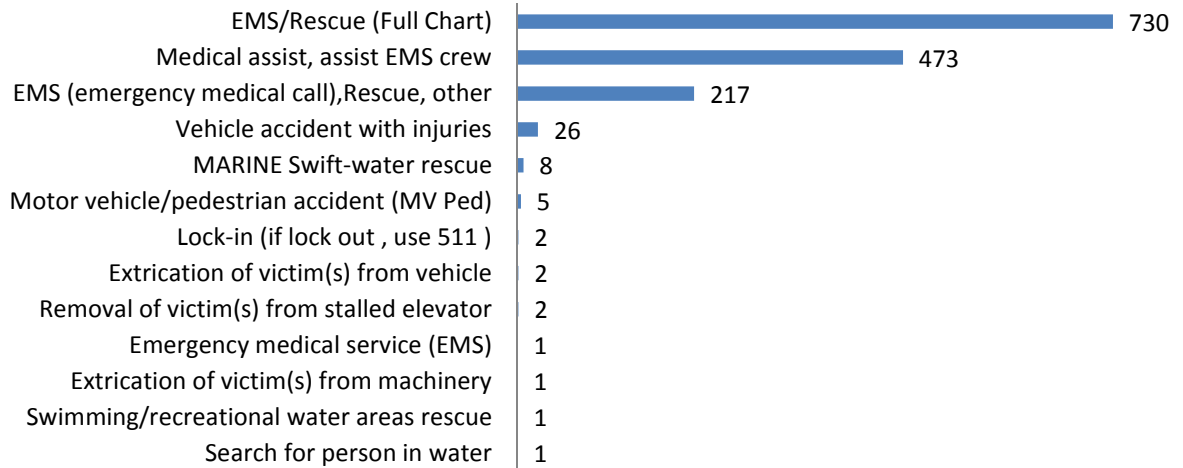
Mutual Aid Given Incident Not Included

Total Incidents by Month

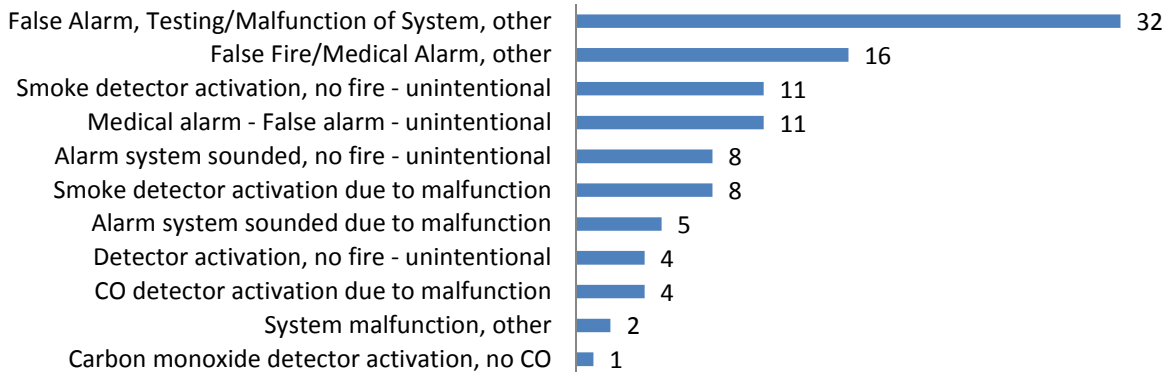


August 2019 Incident Summary

EMS Total: 1469



False Alarm Total: 102

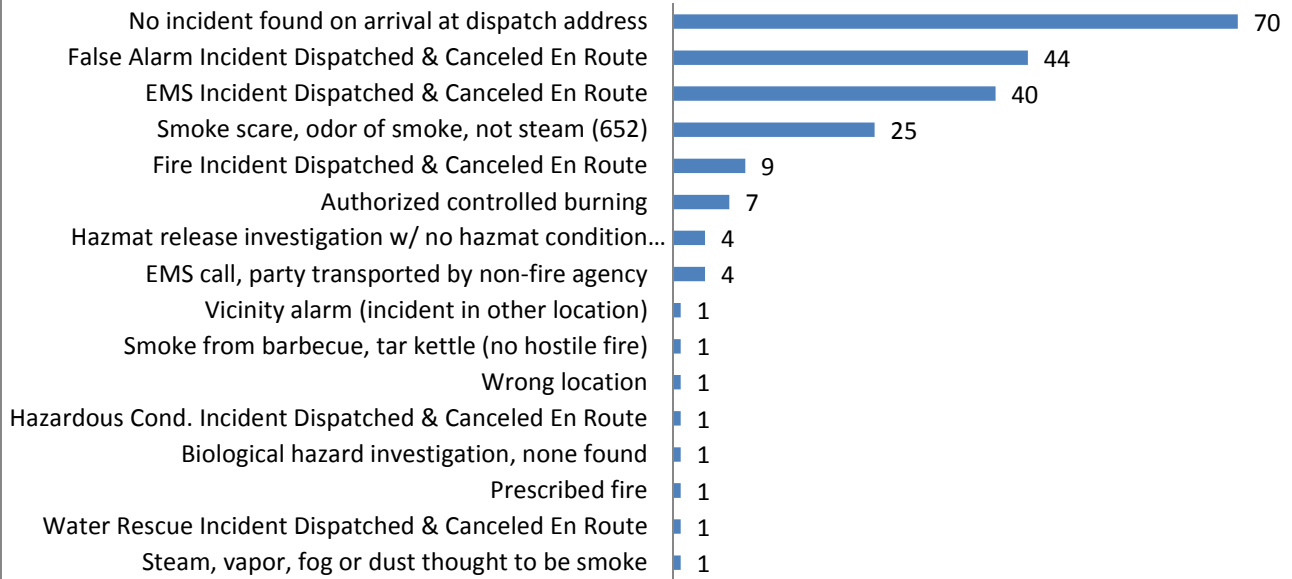


Weather/Rupture/Explosion/Other Total: 0

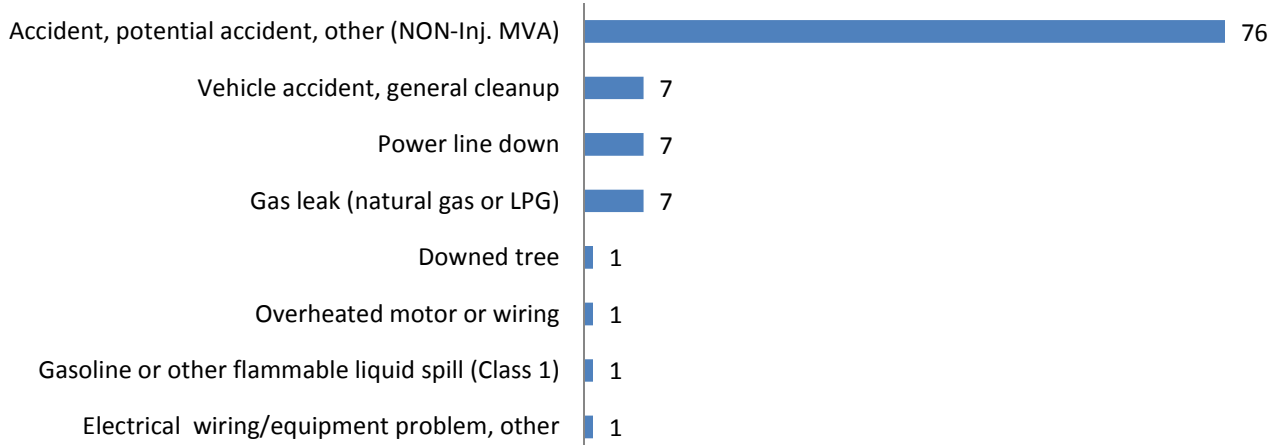
Fire Total: 89



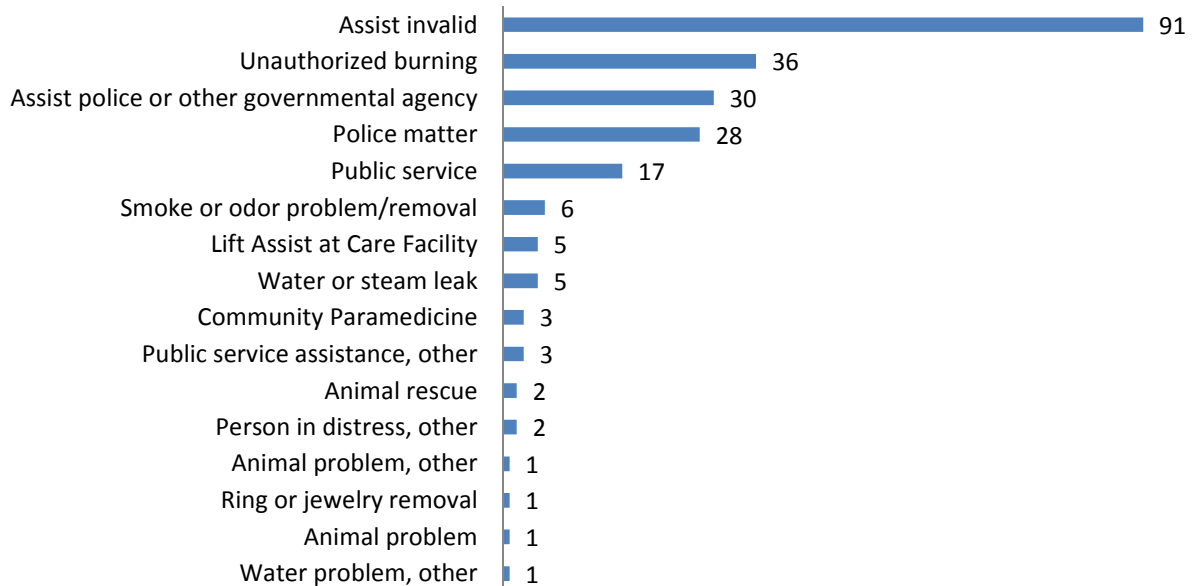
Good Intent Total: 211



Hazardous Condition Total: 101

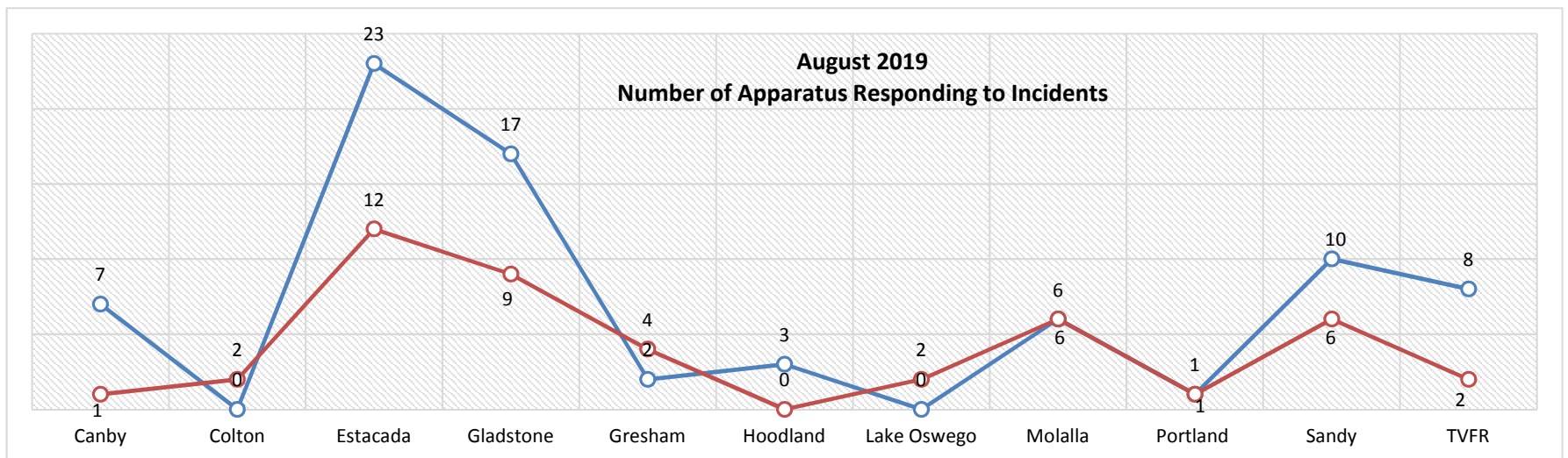
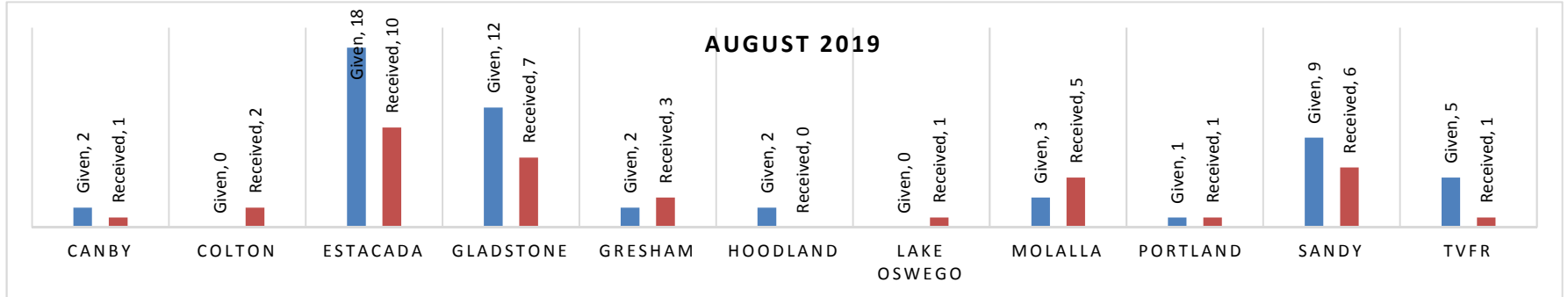
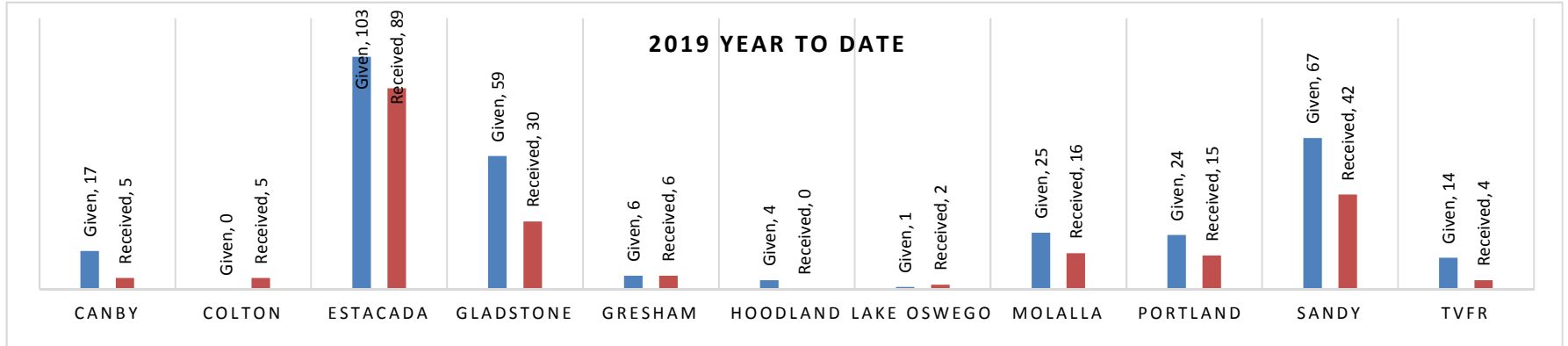


Public Assists Total: 232



Mutual Aid Given to Mutual Aid Received by Agency by Incident

**Does not include: canceled en-route, canceled on-scene or did not respond.*



Mutual Aid Given - Apparatus Overview

August 2019

Agency	Apparatus	Apparatus Action	Responses
Canby	M316	Provide advanced life support (ALS)	1
		Standby/Staged	1
		(blank)	1
	BC303	(blank)	1
	T316	Ventilate	1
	E317	Fire Attack	1
	HM303	Spill Mitigation -EFR	1
Canby Total			7
Estacada	HR305	Assistance, other	1
	BC303	Safety Officer	1
	E311	Landing Zone	1
		(blank)	2
	E314	Assistance, other	2
	BR313	Assistance, other	1
	E318	Assist physically disabled	1
		Control traffic	1
		Landing Zone	1
		Provide advanced life support (ALS)	1
		Provide manpower	2
	BC301	Rescue, remove from harm	1
		Landing Zone	1
	BR318	Provide manpower	1
		Assist lift patient	1
	Assistance, other	3	
	(blank)	1	
WR319	Provide manpower	1	
Estacada Total			23
Gladstone	M303	Assistance, other	2
		Provide advanced life support (ALS)	1
		Transport person	5
		(blank)	2
	M316	Provide advanced life support (ALS)	1
	E315	Assist lift patient	1
	E309	Search	1
	E303	Incident command	1
	BC303	Provide manpower	1
	BC302	Standby/Staged	1
WR319	Provide manpower	1	
Gladstone Total			17
Gresham	E314	Provide manpower	1
		RIT	1
Gresham Total			2
Hoodland	E314	Extinguish	1
		Fill-in or moveup	1
	BC301	Assistance, other	1
Hoodland Total			3
Molalla	M316	Transport person	1
	BC303	Incident command	1
	E310	Extinguish	1
		Provide advanced life support (ALS)	1
	WT310	Assistance, other	1
BR310	Extinguish	1	
Molalla Total			6
Portland	E306	Assistance, other	1
Portland Total			1
Sandy	E314	Investigate	1
		Provide advanced life support (ALS)	5
	E318	Investigate	1
		Standby/Staged	1
BR318	Assistance, other	2	
Sandy Total			10

TVFR	E315	Extricate, disentangle	1
		Investigate	2
		Standby team	1
		UTL Unable to Locate	1
	BC303	Assistance, other	1
		Investigate	1
	E317	Investigate	1
TVFR Total			8
Grand Total			77

**Incident Types
by FMZ
August 2019**

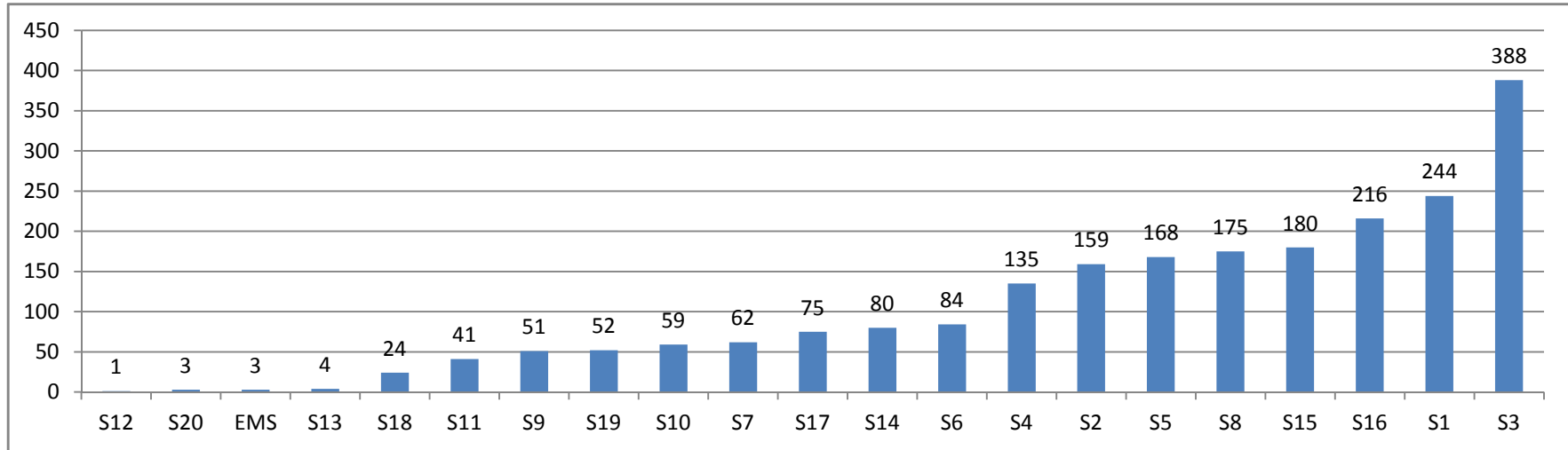
Incident Station	Incident Type	Total
S1	EMS	160
	False	9
	Fire	10
	Good Int	23
	Hazard Condition	10
	Pub Asst	32
S1 Total		244
S2	EMS	111
	False	7
	Fire	5
	Good Int	18
	Hazard Condition	1
	Pub Asst	17
S2 Total		159
S3	EMS	281
	False	19
	Fire	6
	Good Int	28
	Hazard Condition	15
	Pub Asst	39
S3 Total		388
S4	EMS	97
	False	7
	Good Int	14
	Hazard Condition	8
	Pub Asst	9
S4 Total		135
S5	EMS	106
	False	10
	Fire	15
	Good Int	14
	Hazard Condition	9
	Pub Asst	14
S5 Total		168
S6	EMS	57
	False	6
	Fire	6
	Good Int	3
	Hazard Condition	4
	Pub Asst	8
S6 Total		84
S7	EMS	40
	False	2
	Fire	4
	Good Int	10
	Hazard Condition	2
	Pub Asst	4
S7 Total		62

Incident Station	Incident Type	Total
S8	EMS	113
	False	8
	Fire	7
	Good Int	16
	Hazard Condition	13
	Pub Asst	18
S8 Total		175
S9	EMS	27
	Fire	4
	Good Int	9
	Hazard Condition	5
	Pub Asst	6
S9 Total		51
S10	EMS	38
	False	2
	Fire	1
	Good Int	7
	Hazard Condition	5
	Pub Asst	6
S10 Total		59
S11	EMS	26
	False	1
	Fire	1
	Good Int	4
	Hazard Condition	2
	Pub Asst	7
S11 Total		41
S12	EMS	1
S12 Total		1
S13	EMS	3
	Good Int	1
S13 Total		4
S14	EMS	46
	False	6
	Fire	5
	Good Int	9
	Hazard Condition	5
	Pub Asst	9
S14 Total		80
S15	EMS	121
	False	6
	Fire	11
	Good Int	15
	Hazard Condition	10
	Pub Asst	17
S15 Total		180

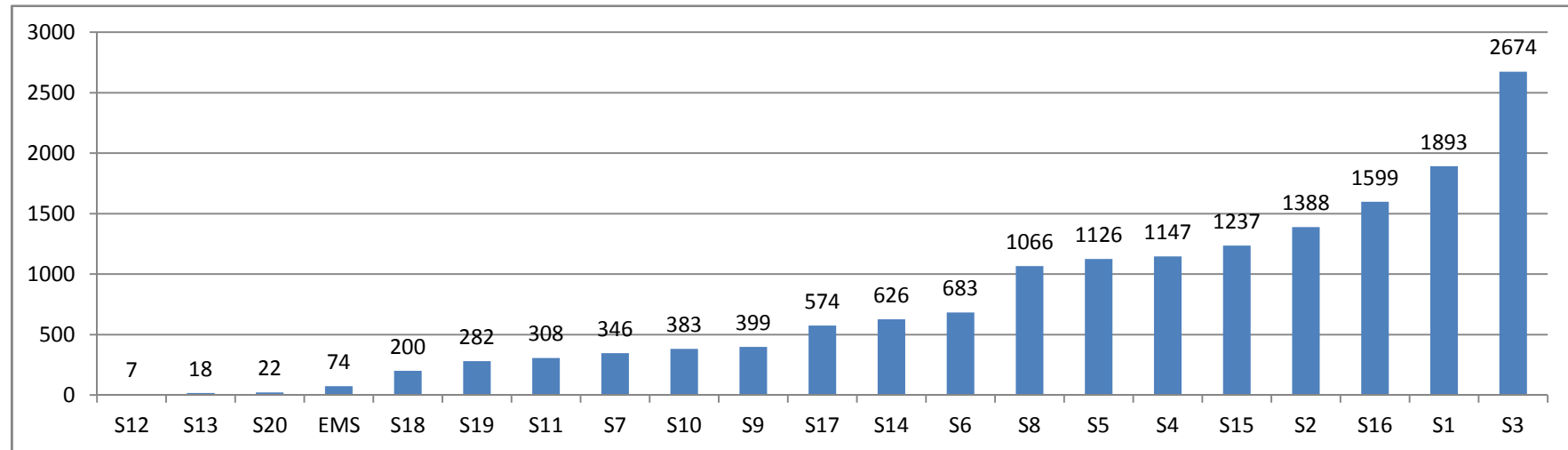
Incident Station	Incident Type	Total
S16	EMS	145
	False	14
	Fire	7
	Good Int	21
	Hazard Condition	5
	Pub Asst	24
S16 Total		216
S17	EMS	51
	False	1
	Fire	5
	Good Int	4
	Hazard Condition	2
	Pub Asst	12
S17 Total		75
S18	EMS	18
	Fire	1
	Good Int	2
	Pub Asst	3
S18 Total		24
S19	EMS	27
	False	4
	Good Int	12
	Hazard Condition	5
	Pub Asst	4
S19 Total		52
S20	EMS	1
	Fire	1
	Good Int	1
S20 Total		3
EMS	Pub Asst	3
EMS Total		3
Grand Total		2204

Incident Count by FMZ

August 2019



Year to Date



Apparatus Response by Station and Incident Type
(Including Mutual Aid Given)
August 2019

Unit Station	Unit ID	Incident Type	Total	
BC1	BC301	EMS	14	
		Good Int	4	
		Pub Asst	1	
		Fire	18	
		HazMat	3	
BC301 Total			40	
BC1 Total			40	
BC2	BC302	EMS	11	
		Good Int	3	
		Pub Asst	5	
		Fire	20	
		HazMat	7	
BC302 Total			46	
BC2 Total			46	
BC3	BC303	EMS	6	
		False	1	
		Good Int	6	
		Fire	13	
		HazMat	8	
BC303 Total			34	
BC3 Total			34	
S1	E301	EMS	165	
		False	11	
		Good Int	25	
		Pub Asst	33	
		Fire	12	
		HazMat	13	
E301 Total			259	
S1 Total			259	
S2	RH302	Fire	2	
	RH302 Total			2
	E302	EMS	126	
		False	7	
		Good Int	14	
		Pub Asst	18	
Fire		10		
HazMat	3			
E302 Total			178	
S2 Total			180	
S3	M303	EMS	274	
		False	4	
		Good Int	17	
		Pub Asst	30	
		Fire	12	
		HazMat	4	
M303 Total			341	

Unit Station	Unit ID	Incident Type	Total
S3 Cont.	E303	EMS	96
		False	14
		Good Int	20
		Pub Asst	22
		Fire	8
		HazMat	14
	E303 Total	174	
S3 Cont.	HM303	EMS	2
		Good Int	3
		Fire	1
	HM303 Total	6	
S3 Total			521
S4	T304	EMS	130
		False	10
		Good Int	21
		Pub Asst	11
		Fire	14
		HazMat	12
	T304 Total	198	
S4 Total			198
S5	HR305	EMS	135
		False	7
		Good Int	16
		Pub Asst	17
		Fire	25
		HazMat	15
	HR305 Total	215	
S5 Total			215
S6	E306	EMS	55
		False	5
		Good Int	4
		Pub Asst	11
		Fire	16
		HazMat	7
	E306 Total	98	
S6 Total			98
S7	E307	EMS	47
		False	5
		Good Int	11
		Pub Asst	5
		Fire	8
		HazMat	4
	E307 Total	80	
S7 Total			80

Unit Station	Unit ID	Incident Type	Total
S8	E308	EMS	108
		False	6
		Good Int	16
		Pub Asst	20
		Fire	16
		HazMat	13
	E308 Total	179	
S8 Total			179
S9	IE309	EMS	5
		Good Int	3
		Pub Asst	2
		Fire	5
		HazMat	3
	IE309 Total	18	
	E309	EMS	40
		False	1
		Good Int	7
		Pub Asst	5
Fire		9	
E309 Total	65		
S9 Total			83
S10	E310	EMS	40
		False	2
		Good Int	10
		Pub Asst	6
		Fire	4
		HazMat	5
	E310 Total	67	
	WT310	Fire	6
	WT310 Total	6	
	BR310	EMS	1
Good Int		1	
BR310 Total	5		
S10 Total			78
S11	E311	EMS	41
		False	2
		Good Int	8
		Pub Asst	7
		Fire	3
		HazMat	2
	E311 Total	63	
	WT311	Fire	2
	WT311 Total	2	
	BR311	Pub Asst	1
Fire		2	
BR311 Total	3		
S11 Total			68
S12	BR312	EMS	2
		False	1
	BR312 Total	3	
S12 Total			3

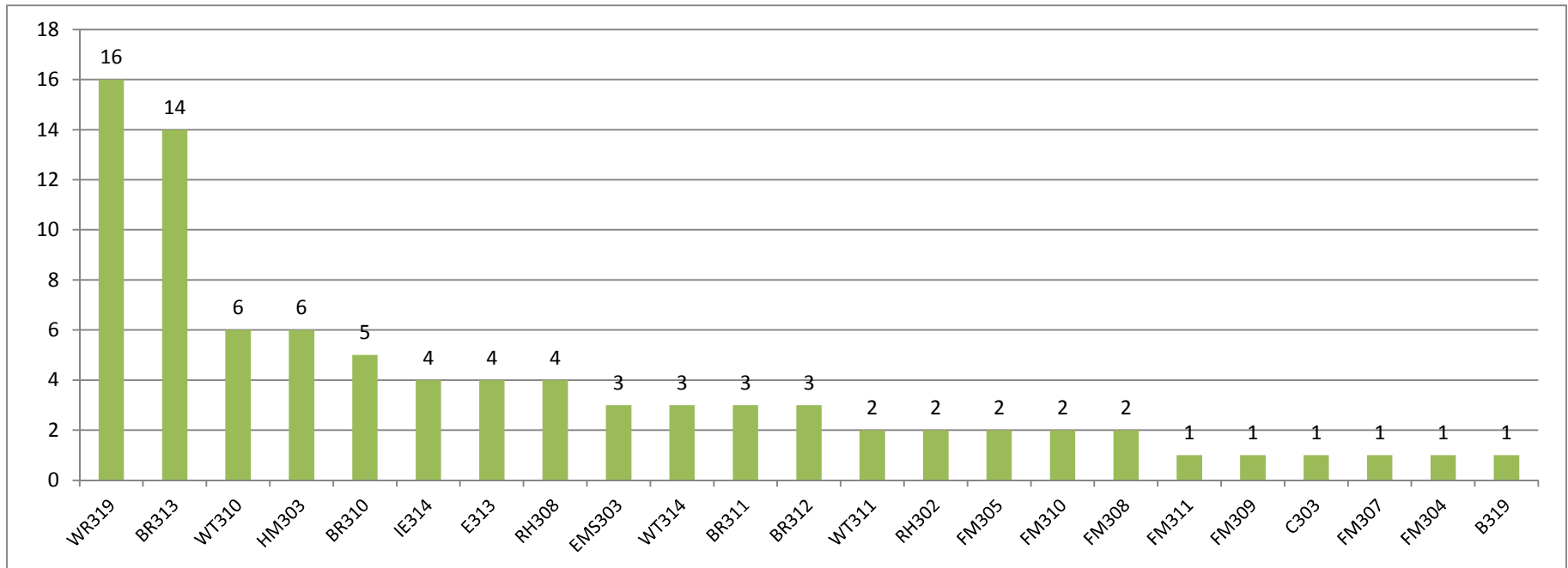
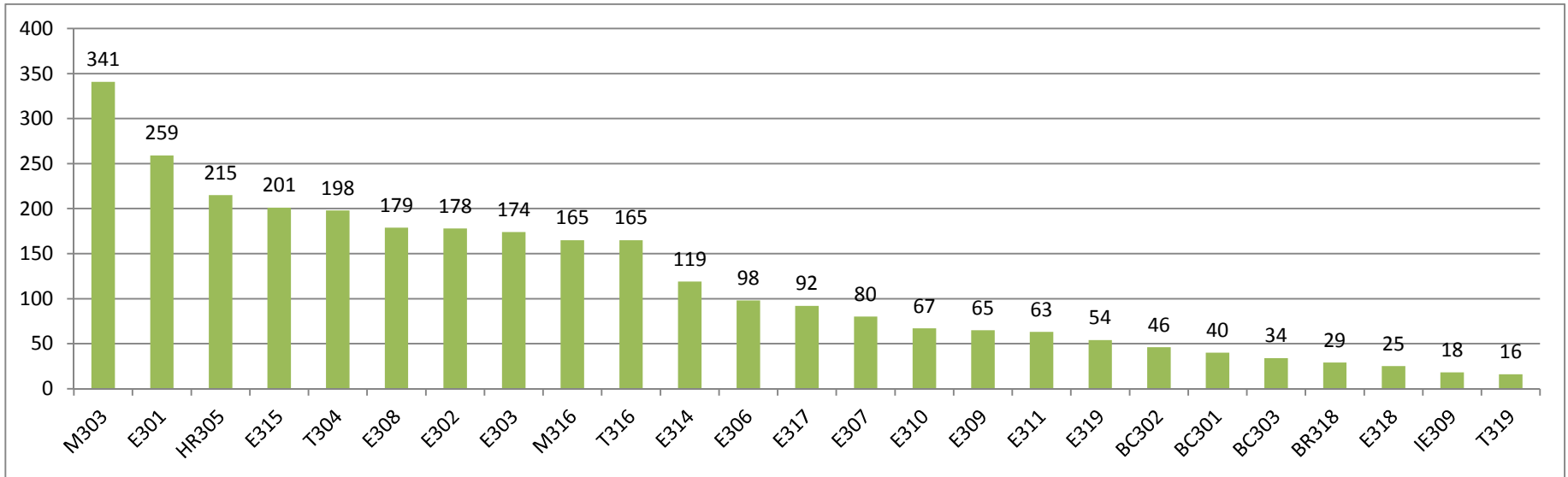
Unit Station	Unit ID	Incident Type	Total
S13	E313	EMS	3
		Pub Asst	1
	E313 Total		4
	BR313	EMS	11
		Good Int	1
Pub Asst		1	
HazMat		1	
BR313 Total		14	
S13 Total			18
S14	E314	EMS	77
		False	5
		Good Int	11
		Pub Asst	11
		Fire	9
		HazMat	6
	E314 Total		119
	WT314	Good Int	1
		Fire	2
	WT314 Total		3
IE314	Good Int	1	
	Fire	3	
IE314 Total		4	
S14 Total			126
S15	E315	EMS	130
		False	5
		Good Int	20
		Pub Asst	16
		Fire	17
E315 Total		201	
S15 Total			201
S16	M316	EMS	133
		False	1
		Good Int	14
		Pub Asst	8
		Fire	4
		HazMat	5
	M316 Total		165
	T316	EMS	93
False		14	
Good Int		13	
Pub Asst		22	
T316 Total		165	
S16 Total			330
S17	E317	EMS	60
		False	2
		Good Int	7
		Pub Asst	12
		Fire	7
E317 Total		92	
S17 Total			92

Unit Station	Unit ID	Incident Type	Total	
S18	E318	EMS	15	
		False	1	
		Good Int	2	
		Pub Asst	4	
		Fire	2	
		HazMat	1	
	E318 Total		25	
	BR318	EMS	19	
		False	1	
		Good Int	1	
Pub Asst		4		
Fire		3		
BR318 Total		29		
S18 Total			54	
S19	E319	EMS	26	
		False	3	
		Good Int	12	
		Pub Asst	5	
		Fire	2	
		HazMat	6	
	E319 Total		54	
	T319	EMS	8	
		Fire	5	
		HazMat	3	
	T319 Total		16	
	B319	EMS	1	
	B319 Total		1	
	WR319	EMS	13	
Good Int		2		
Fire		1		
WR319 Total		16		
S19 Total			87	
(blank)	FM311	Fire	1	
	FM311 Total		1	
	FM304	Fire	1	
	FM304 Total		1	
	RH308	Fire	4	
	RH308 Total		4	
	FM309	Fire	1	
	FM309 Total		1	
	FM305	Fire	2	
	FM305 Total		2	
	FM310	Fire	2	
	FM310 Total		2	
	C303	Fire	1	
	C303 Total		1	
	FM307	Fire	1	
	FM307 Total		1	
	FM308	Fire	2	
	FM308 Total		2	
	(blank) Total			15
	EMS	EMS303	Pub Asst	3
EMS303 Total		3		
EMS Total			3	
Grand Total			3008	

Incident Response by Apparatus

(Including Mutual Aid Given)

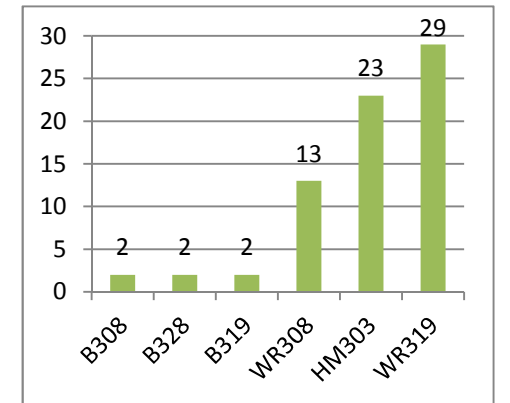
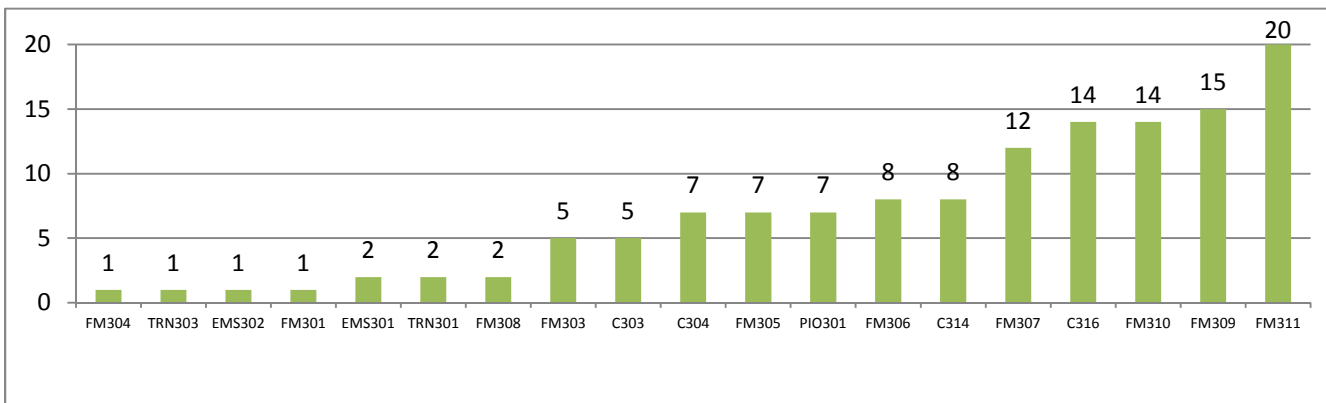
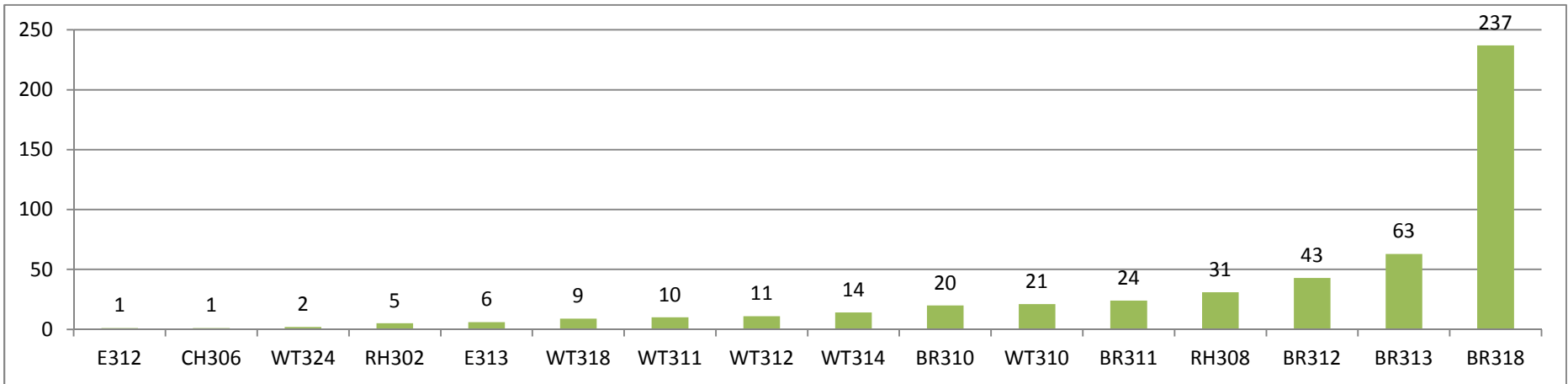
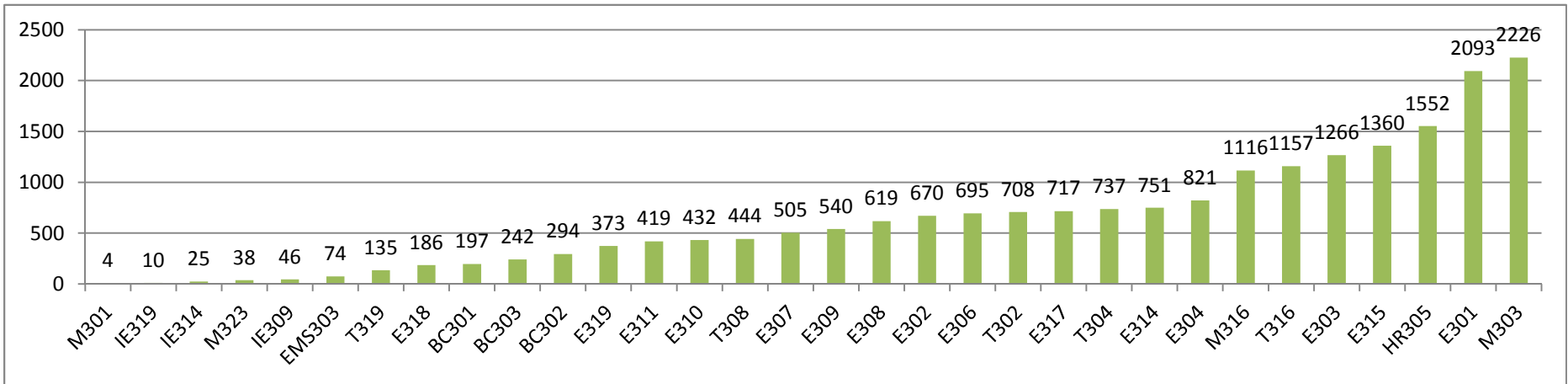
August 2019



Incident Response by Apparatus

(Including Mutual Aid Given)

Year to Date 2019



Emergency Services Division

To: Chief Fred Charlton and the Board of Directors

From: Battalion Chief John Hopkins

Re: Training Division Monthly Report – August 2019

Projects/Events/Meetings/Training – BC Hopkins

- Attended OPS meeting.
- Attended several 130th campus consolidation meetings.
- Meetings regarding upcoming career and volunteer academies.
- Various station visits.
- Attended Senior Staff Meetings.
- Reviewed several policies, making revisions as needed.
- Reviewed injury reporting and conducted a safety meeting.
- Worked various Battalion Chief shifts during the month.
- Conducted ATO TDY interviews.
- Prepared for PFAS meeting with Water and Environmental Services.
- Retired.

Projects/Events/Meetings/Training – ATO Lt. Brown

- Weekly Training Staff meetings.
- Probationary AO Task Book updates.
- Instituted video recording of practical tests for PAO.
- School Bus Extrication Drill Set up.
- Coordinated CPS performance evaluations for Ops Crews.
- Down and Dirty Walk through with Mike Verkest.
- Week three out of office on vacation.
- Staffed B318 for Red Flag Days.
- Down and Dirty Drill: MCI.
- Reassigned from office to line for mandatory shift on 30th.
- Board Report.

Projects/Events/Meetings/Training – ATO Lt. Walker

- Continued Preparation for the upcoming Volunteer Academy.
- Held two more volunteer instructor-training days.
- August 24th was the all-day orientation and preparations day for Volunteer Academy 19-01. We covered expectations, paperwork, academy rules, testing, email use, issued non-fire turnouts, and toured the campus.

- Met with Volunteer Administrative Technician Peggy Gitts-Hauck regarding volunteer credit/points.
- Spoke with the Fire Chief of Alfalfa Fire out of the Bend/Redmond area regarding water rescue program.
- Performed the safety inspections for the Training Offices, Facilities and Station 8.
- Met with Neil Dietz from North Clackamas Schools, Sabin Center regarding the fall term fire training and use of the Training Center.

Respectfully submitted,

Battalion Chief John Hopkins

Emergency Services

Emergency Services Division

To: Chief Fred Charlton and the Board of Directors

From: Volunteer Services Chief Steve Deters

Re: Volunteer Services Division Monthly Report – August 2019

The following report is a breakdown of Volunteer activity in training and scheduled public events.

Fire Training

Drills in the month of August included:

- 8/01/2019 Crew Based Training
- 8/10/2019 Ladder Instructor Training
- 8/14/2019 Rehab Drill
- 8/14/2019 Ladders
- 8/15/2019 Ladders
- 8/17/2019 Hose Instructor Training
- 8/21/2019 Hose Deployment
- 8/22/2019 Hose Deployment
- 8/28/2019 Rehab Drill
- 8/28/2019 Skills
- 8/29/2019 Skills

EMS Training

- 8/07/2019 EMS Drill – Instructor Training
- 8/08/2019 EMS Drill – Instructor Training

In August the Volunteer group participated in the following Events/Meetings

- 8/03/2019 Oregon City Smoke Alarm Campaign – Explorers
- 8/06/2019 National Night Out
- 8/09/2019 Boring/Dull Ice Cream Social
- 8/10/2019 Happy Valley Drive-In Movie Night
- 8/16/ 2019 Damascus Cruise-In
- 8/22/2019 Happy Valley First Responders Night

Recruitment

- 8/24/2019 Recruit Class Orientation Day

Explorers

August Drills focused on:

- 8/05/2019 Radio Communications
- 8/12/2019 Hydrants
- 8/19/2019 Hydrants
- 8/26/2019 Search & Rescue

Public-Relations

- 8/03/2019 Oregon City Smoke Alarm Campaign
- 8/22/2019 City of Happy Valley - First Responder Night
Helped with "Hands only CPR" instructing.

Station Coverage

The following is a breakdown per station that had a Duty Shift for August:

- Stn.12 – 5/31
- Stn.13 – 25/31
- Stn.18 – 20/31
- Rehab/Water Tender Group – 20/31

Respectfully submitted,

Volunteer Services Battalion Chief Steve Deters

Emergency Services Division

To: Chief Fred Charlton and the Board of Directors

From: Facility Maintenance Director Scott Vallance

Re: Facility Maintenance Division Monthly Report- August 2019

- Station 21 - Facilities Maintenance Tech II Thompson has been working on the remodel of the interior of Station 21 in preparation for the back half of this facility to become a public meeting place. Necessary changes and upgrades include:
 - Adding a wall/door to the end of the hall way going into new public space.
 - Changing locations of light switches, thermostats and adding door locks to mechanical areas.
 - Upgrading restroom to meet ADA requirements.
- Station 16/19 – Facilities Maintenance Tech II Dinsmore has been working with Emerick Construction and their subs on various punch list items for both stations.
- Station 13 – Facilities Maintenance Tech II Dinsmore completed the installation of the pump for the water tank at Station 13. He and AO Walters from Station 10 are putting together a training video to be posted on Target Solutions.
- Facilities Maintenance Director Vallance and Facilities Maintenance Tech II, “Doc” Dinsmore participated in the site visit to Estacada Fire, touring the main and George Road stations.
- Facilities Maintenance Director Vallance attended the Directors Planning retreat, met with Captain Holland at Station 17, attended the 130th Ave. complex hard surface replacement discussion.

Respectfully submitted,

Facility Maintenance Director Scott Vallance

CORRESPONDENCE

- C-1 Thank you Re: The crews' response to citizen's husband who was having a stroke.
- C-2 Thank you Re: The response time of Engine 306 (Captain Brian Goodrich, Apparatus Operator Trent Morgan, and Firefighter Alex Miller) responding to a house fire.
- C-3 Thank you Re: The time Volunteer Firefighter Rafal Toczyski took to spend with a citizen's daughter at National Night Out. The Volunteers who attended this event were: Rafal Toczyski, Shawn Helper, Sterling White, Adam Genskay and Kenny Leake.
- C-4 Thank you Re: The crew saving a citizen's home.
Crews on scene: HR 305: Capt. Justin McWilliams, AO Darren Knott, FF Alan Kaiser and FF Joesph Mendoza. BC 302 Nick Browne. E301: Lt. Dave Aasland, AO Dale Cook, FF Damian Peters and FF Keegan Cross. E306: Lt. Ed Riordan, AO Tyler Bieker and FF Randy Powers. T304: Capt. Dan Mulick, AO Robert Busch, FF Jill Fullerton and FF Craig Bowen. E308: Lt. Patrick DeLair, AO Travis Hinkle and FF Dustin Sullivan. E302: Lt. Ryan Patrick, AO Brett Yeager and FF Joseph Barber. Investigator Matt Amos.




Brenda Ann  recommends Clackamas Fire.

August 8 at 8:51 PM · 

Thank you to the Clackamas Fire team for responding and rendering aid so rapidly while my husband was having a stroke! They even cleaned up after themselves and were so kind and understanding! You all are Amazing!

 Like

 Comment

 Share

 Message



Feedback is About

Fire Services

Do wish you to share a compliment or concern?

Compliment

We're happy to receive your compliment! Tell us about it

WOW!! Response time saved that home from burning down and homes around it in high, heated winds. Efficiency, professionalism, so over the top and just can't say enough of how appreciative this neighborhood was. We were very worried. Thank you a thousand times for being the best at what you do. Police, County personnel and firemen were outstanding.

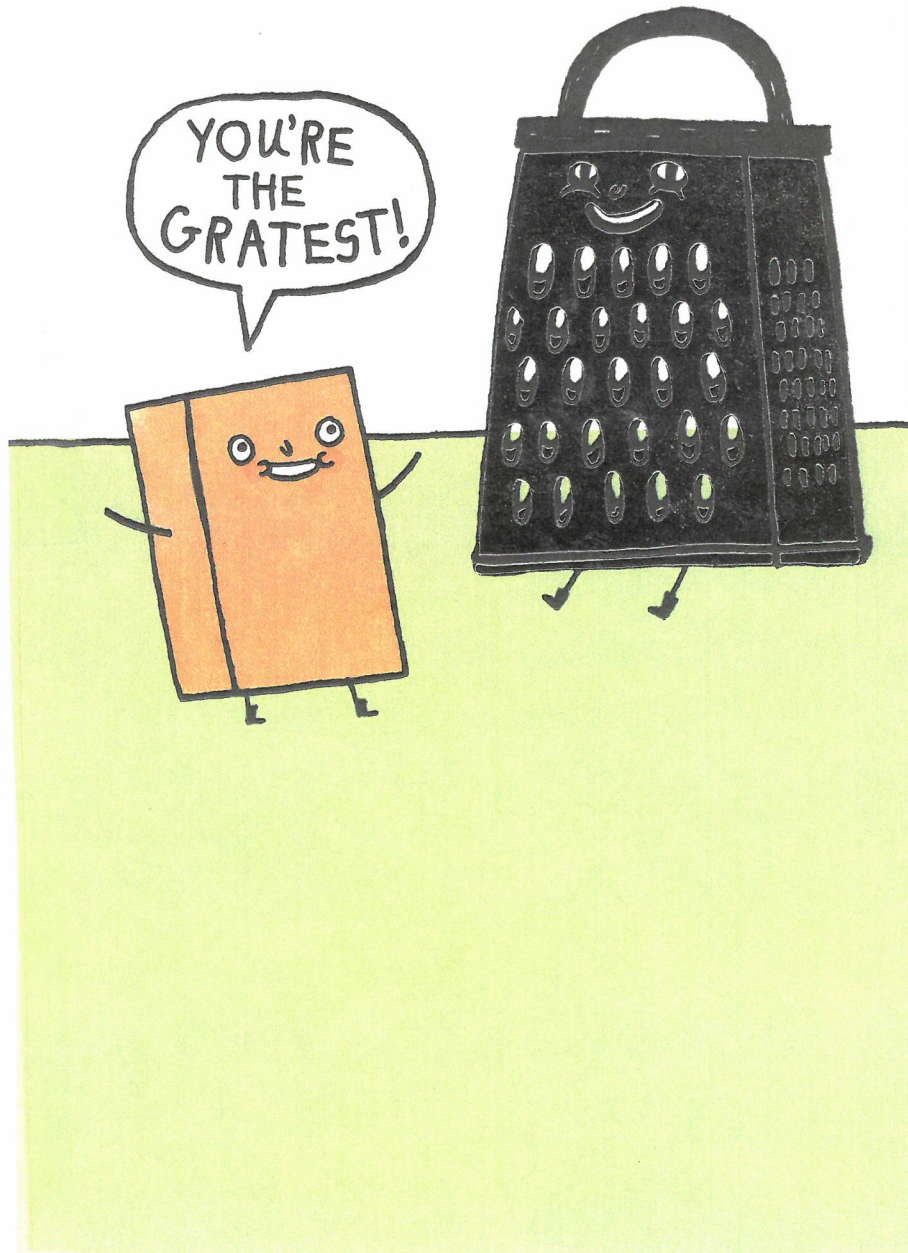
E306: Captain Brian Goodrich, Apparatus Operator Trent Morgan, and Firefighter Alex Miller.

Thank you received from National Night Out on August 6th:

“Engine 313 visited us last night. The volunteer firefighter in this picture spent so much time with our daughter. Though she was shy in the moment she couldn’t stop talking about him later. I didn’t catch his name, but wanted to share the picture, and our appreciation!”



Volunteers in attendance were: Rafal Toczyski (pictured above), Shawn Helper, Sterling White, Adam Genskay and Kenny Leake.

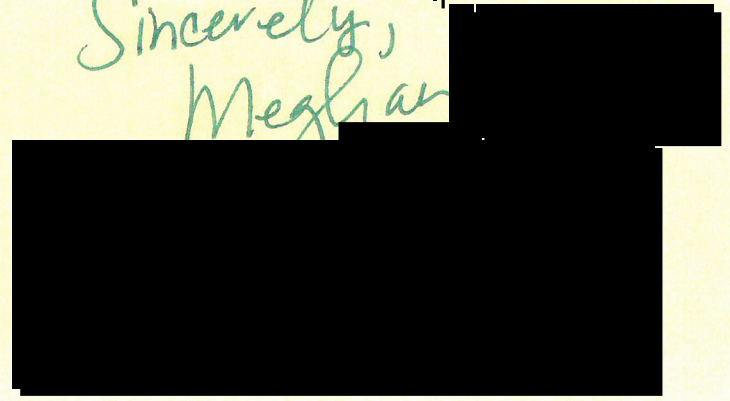


To: The Men & Women of
 Clackamas Fire
 District #1 ~

JUST MY CHEESY WAY
 OF SAYING "THANK YOU."

Thank you so very
 much for saving our
 home on Saturday, July 5th!
 You're the best!

Sincerely,
 Meghan



Crews on scene: HR 305: Capt. Justin McWilliams, AO Darren Knott, FF Alan Kaiser and FF Joesph Mendoza. BC 302 Nick Browne. E301: Lt. Dave Aasland, AO Dale Cook, FF Damian Peters and FF Keegan Cross. E306: Lt. Ed Riordan, AO Tyler Bieker and FF Randy Powers. T304: Capt. Dan Mulick, AO Robert Busch, FF Jill Fullerton and FF Craig Bowen. E308: Lt. Patrick DeLair, AO Travis Hinkle and FF Dustin Sullivan. E302: Lt. Ryan Patrick, AO Brett Yeager and FF Joseph Barber. Investigator Matt Amos.

INFORMATIONAL ITEMS

- I-1 Firefighters rescue woman stuck in septic tank possibly for days - KATU
- I-2 Clackamas firefighter participates in first-ever camp for women - Clackamas Review
- I-3 Fire Engineering - "Risk Management: Improving Incident and Organizational Success" -
By: BC Brian Stewart

KATU

Firefighters rescue woman stuck in septic tank possibly for days

By: Joe Douglass, KATU News
Published: August 23, 2019

ESTACADA, Ore. ([KATU](#))— Firefighters in Estacada rescued a woman they said was trapped in a septic tank possibly for two to three days. They said she had to be flown to the hospital.

Rescuers said they found her lying in raw sewage with her face just above it in a tank outside her rural home, which is about five miles northeast of Estacada. Officials said she lives there alone.

"It can be definitely a scary situation, especially sitting at the bottom of a septic tank and you don't know that anybody's coming to get you," Nick Wettlaufer, an engineer/paramedic, told a KATU reporter Thursday.

Many homes in rural areas use underground septic tanks as a kind of private sewer to process and treat waste.

"Nobody would've heard her up there," said Richard Anderson, a division chief for Estacada Rural Fire District No. 69, which responded to the incident. "The next closest house was a couple of thousand feet away."

Anderson told KATU the call came Tuesday afternoon from the woman's daughter who hadn't heard from her mother since Friday.

"She got concerned and went up to check on her ... and found her inside of the septic tank," he said. "It looks like there was work being done on the septic tank. There was a tractor in the area and a hole had been dug exposing the tank. And then she had fallen through about a 2-foot by 2-foot hole in kind of the rusted metal top of the tank."

Anderson said to complete the operation they called in for reinforcements from Clackamas Fire's confined space rescue team.



"That requires a lot of additional training, skills, equipment, air monitoring, ventilation, those types of things," he explained.

Anderson said firefighters lowered down the handle of one of their tools.

"She was able to grab ahold of that, sit up slightly and they were able to get some other poles, a strap around her back and under her arms and then hoist her up out with that," he said. "She was somewhat laying down with her face above the water level. Once we got her out, she was pretty weak so we just got her straight onto the cot and laid her down."

Anderson said firefighters didn't talk with her much but told KATU she didn't have any visible injuries.

The woman was taken by helicopter to a hospital in Portland due to concerns about the lack of oxygen in the tank and possible infection from being in contact with sewage for so long.

Anderson said the woman did not want to be identified publicly. He was unaware of her current condition as of Thursday afternoon.

Source: <https://ktvl.com/news/nation-world/firefighters-rescue-woman-stuck-in-septic-tank-possibly-for-days>

Clackamas Review

Clackamas firefighter participates in first-ever camp for women

Capt. Melanie Kinne provides instruction at Portland area's first firefighting bootcamp for women 18 and older - those who are either interested in joining or are early in their careers

Clackamas Fire Capt. Melanie Kinne provided instruction at this summer's first-ever Fire-Up Bootcamp for women age 18 to 35.



Instructors at the all-female firefighting training camp in Gaston were from local and regional fire departments as far away as Los Angeles and Tacoma, Washington. Although other female firefighting camps exist in the area, they are mostly focused on women and girls 14-20.

The Fire-Up Bootcamp was the Portland area's first for women 18 and older — those who are either interested in joining or are early in their careers in fire service or volunteering.

"These camps are usually organized and staffed by female firefighters who volunteer their time because they are passionate about showcasing this life-changing volunteer and employment

opportunity to other women, as women statistically make up only about 5% of paid firefighters nationwide," Kinne said.

While other male-dominated professions have gained female participation at much higher rates, women firefighters remain at 5% since Kinne joined the service in 2001. There are lots of theories about why women are underrepresented in the firefighting field, but the general opinion seems to be that young girls do not see themselves as future firefighters because they lack visible role models.

"People need to have role models, and there are just not a lot of women in the fire service," said Lt. Ila Borders with the Cornelius Fire Department, one of the camp's instructors and organizers. "There are some fire departments that do have 10% women, and it's just like, oh my gosh, it's unheard of. We're looking at usually around 3%."

Borders, who famously is the only woman in modern history to play professional baseball, recruited Kinne to be an incident safety officer at the camp.

"Lieutenant Borders had come to the conclusion that, though early role modeling is important, many women come to the fire service as a second career after being involved in professional sports, the construction industry or health care," Kinne said. "This is true for Ila, myself and a number of female firefighters I know. I immediately saw the validity of her argument and wanted to see firsthand what kind of response we would get from this event."

Lt. Matt Aalto, a training officer for Gaston Fire District, recognized that men and women alike often come to firefighting as a second career from other occupations that require athleticism or mechanical aptitude. He and Borders are credited with coming up with the idea of the camp and bringing it to fruition.

"It gives an opportunity to train, to learn, to share experiences together," Aalto said. "This is why we're holding it, so that women understand, 'It's for you, and let us show you why.'"

Aalto and Borders were able to secure space and gear for a camp of 16 participants, and without advertising, had 60 applicants.

"The interest far outpaced the availability, and I hope that we can move this event closer to Portland to a larger fire department — such as Clackamas Fire — to meet the demand next year," Kinne said. "After the conclusion of the camp, more than half of the participants reached out to an instructor for more information on how to proceed with getting involved in firefighting."

Although the camp was held at the Gaston Fire District, Forest Grove Fire & Rescue and the Cornelius Fire Department — which share a fire chief with Gaston — were additional hosts. Hillsboro Fire & Rescue and the Clackamas Fire District provided additional sponsorship. IAFF local 1159 also provided financial support.

The boot camp July 21-22 led women through firefighting drills like gearing up, raising ladders, deploying hoses and extinguishing live fires.

"We're going to give them a taste of putting on the gear and breaking some things and burning some things," said Barbara Widlund, assistant chief for the Clark County Fire District and a camp instructor.

Borders said an important part of this camp was just showing female representation in firefighting.

"You see little girls, or even women, who are like, 'I didn't know that women could do this,'" Borders said. "So we're trying to say, 'Hey, we're you. This is the most awesome profession in the world. Let's share this with you and see if you get the firefighting bug also.'"

Kinne was a carpenter and cabinet maker when a firefighter/neighbor recruited her based on her construction background. She volunteers at these camps because being a firefighter has become more than a job for her and many other firefighters; it's become a lifestyle and an integral part of her identity.

"We're not kidding when we say that we have the best job in the world and that we're family to each other," she said. "Many people who become firefighters have experienced this through a family or social connection and hence have the drive to pursue this hard-to-attain position."

Kinne said she was fortunate to have someone introduce her to the fire service when she was in her late 20s.

"Otherwise, I would have never considered this profession as an option for myself or even known how rewarding and fulfilling it is to improve people's lives for a living," she said. "I am paying it forward and, hopefully, I can help open these doors for other woman. As an added bonus I get to spend some time in the company of other female firefighters, which is rare since there are not very many of us."

Kinne is among many members of Clackamas Fire who volunteer to better the community based on their passion. Firefighters in the department travel the world with Global Mission Readiness to teach a variety of firefighting and emergency medical skills, as this newspaper reported. Other members of the fire department help raise funds for the Muscular Dystrophy Association or manage nonprofit organizations that facilitate firefighter training.

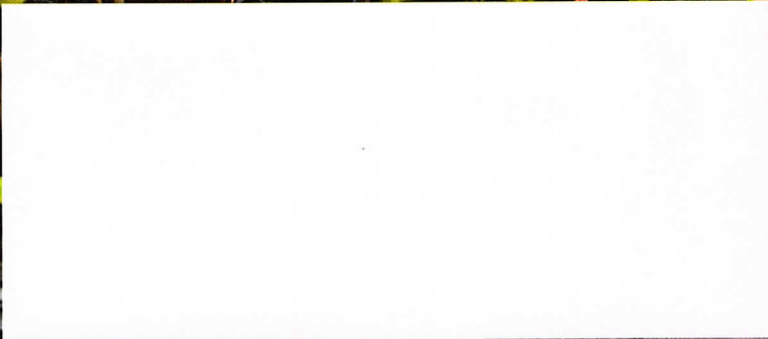
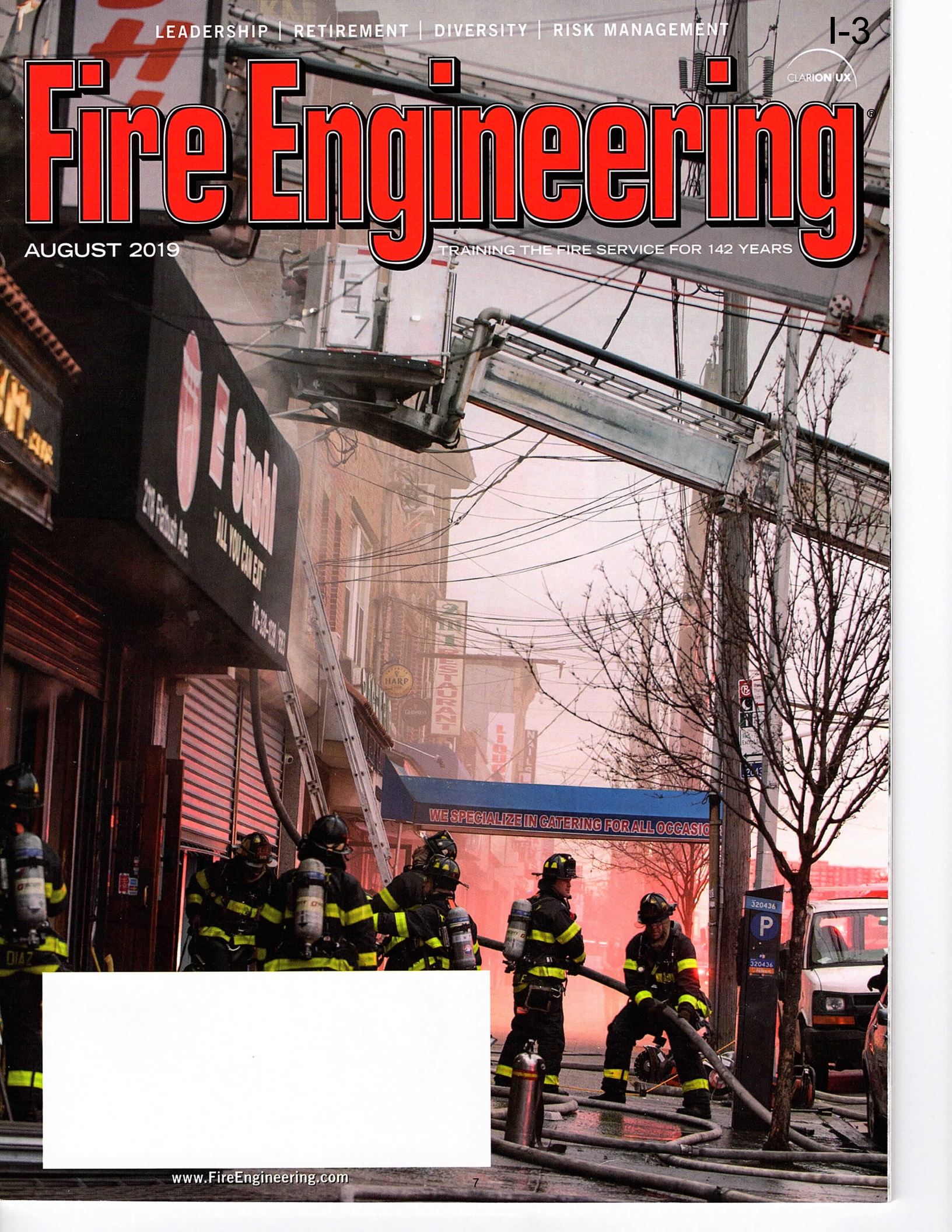
Meerah Powell of Oregon Public Broadcasting, a news partner of Pamplin Media Group, contributed to this report.

Source: <https://pamplinmedia.com/cr/24-news/436522-346288-clackamas-firefighter-participates-in-first-ever-camp-for-women>

Fire Engineering

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TRAINING THE FIRE SERVICE FOR 142 YEARS



Risk Management: Improving Incident and Organizational Success

BY BRIAN STEWART

“RISK A LOT TO SAVE A LIFE, RISK some to save property, risk nothing for that which is already lost” or some similar phrasing is probably familiar to all in the fire service. Many fire service organizations promote their version of it, and most fire departments adopt it in one form or another. However prevalent this risk management statement may be, there are often shortcomings in how it is implemented.

There are two main opportunities agencies miss when implementing risk management. One is allowing the statement’s emphasis on emergency response to drive the organization’s focus on risk and thereby neglect developing risk management intelligence across the enterprise. The second relates to developing and training on risk management decision making for emergency incidents.

Incident risk management can be improved through defining what criteria are used to identify risk and what is savable, identifying when those risk management decision points need to happen, and conducting training so individuals apply the policy consistently across the organization. These improvements apply not only to emergency response but also to routine administrative, operational, and support functions. These are enterprisewide concerns that most fire officers do not address from a risk management viewpoint. This article explores risk, risk management, and how enterprise risk management can help your organization achieve its goals and objectives.

What Is Risk?

As historically and still generally used, risk is the possibility of something bad happening. But contemporary risk management theory defines risk as the potential outcome of uncertainty. This uncertainty is caused by internal and external factors and impacts an agency’s confidence in achieving its objectives. Risk is not inherently good or bad. For most

people, risk has a negative connotation. For us in the emergency services, risk often pertains to the peril we face in protecting lives, property, and environment.

However, potential outcomes can also be positive. For example, people often make medical decisions based on the anticipated benefits of a surgery or therapy. And many actions (decisions) have potential positive and negative consequences. From individuals gambling in Las Vegas to organizations putting levies to a vote, there may be preferred outcomes, but both activities face positive or negative results.

When evaluating risk, projecting this potential outcome of uncertainty can be reasonably calculated as follows:

$$\text{Risk} = \text{threat} \times \text{probability} \times \text{consequence.}$$

Some risks are readily evaluated using the equation above and result in a numerical value (e.g., insurance companies estimating on-the-job injuries). But, many risks we encounter in the fire service are either too complicated or too time-constricted to concern ourselves about a finite answer. The key for the fire service is to understand the principles of risk analysis and to apply them practically, whether we are dealing with organizational activities, prevention, or incidents.

In emergency response, fire officers must deal with many risks that can generally be categorized into two of the four major risk types: hazard and operational. Fire officers may also be aware of examples of the other two risk types: financial and strategic. These four risk types are readily described by using common examples of what they cover:

- Hazard: personnel (injury/fatality), property, liability.
- Operational: people, process, controls.
- Financial: market, credit, liquidity.
- Strategic: economic environment, community changes, political environment.

We often focus on just the hazard and operational risks, but all of these types of risk affect fire service agencies. The degree to which any of these risk types or a specific risk impacts an agency depends on many organizational factors and how the agency manages those risks based on its risk “appetite.”

Risk Appetite

A consistent theme about risk is that everyone has their own tolerance for risk. Like individuals, every fire service agency is unique. We have different communities, resources, staffing, service demands, governance structures, and public expectations. To relate risk appetite to firefighting, consider a suburban community with single-family homes with at least six feet between them. Is this community’s fire hazard the same as that for an urban community primarily consisting of multistory residential with zero clearance between structures or an industrial/commercial district that supports hundreds of employees and supplies significant sales tax to support public services? It would seem that those agencies would have different risk appetites in terms of fire suppression because the consequences would be different. Even on scene, different incident commanders would likely have different risk appetites for a given incident.

Even if their appetites were similar, they would likely have different risk mitigation strategies. Similarly, community expectations may be very different. For one agency, ensuring the fire does not spread beyond the building of origin and keeping firefighters safe may be a great outcome. In another community, the expectation may be that firefighters keep the fire to the room of origin and accept that firefighter injuries may occur to protect property. Although broad in risk appetite for property conservation, the

fire service is likely to be more closely aligned for life safety in concept.

A decade ago, our country entered a recession that dramatically changed the economic environment for most agencies. The reported housing bubble is an example of a strategic risk some cities or districts likely had on their radar and perhaps were able to make budgetary decisions earlier than other organizations. Other agencies may have been aware of the looming concerns but had a greater risk appetite and maintained status quo only to have greater service impacts as the recession's impact expanded.

As a fire chief in 2012, my agency was looking to improve staffing levels, and management and the board of directors discussed the impacts that additional real estate decline would have on current operations. Further decline threatened existing staffing levels, but there were indicators of market recovery. The board of directors had to determine its collective risk appetite. Although certain interests expressed the need to expand current services, the interest in ensuring existing service levels were maintained won out. As economic indicators continued to point toward recovery, my board of directors' risk appetite changed, and we were able to modestly increase service shortly thereafter.

Risk Management

Firefighters are generally action oriented, as are the officers who promote through the ranks. Risk management may not seem overly action oriented, but in practice it is. Whether looking to accomplish objectives on scene or organizational goals, risk management is a tool that requires action to improve the likelihood of success. A familiar scenario would be a structure fire.

Scenario

While on scene, risk factors (threat, probability, consequence) must be accounted for before committing people to tasks. Frequently, we rely on naturalistic decision making in risk management rather than explicitly walking through a risk management process. Regardless of how those decisions are

made, we look at mitigations to reduce the risk so it is in balance with the reward (life or property saved). It may be doing an additional hot lap, ensuring a backup line is in place, placing additional ladders while conducting upper-floor searches, revising a vertical ventilation plan, or withdrawing from a structure. In putting these mitigations in place, firefighters, officers, and incident commanders are practicing risk management.

Above, it was noted that the fire service is closely aligned in that we are willing to risk rescuing victims of fire. In practice, however, there are wide variations in determining what constitutes a "savable life." Mitigating those disparities requires consistency in expectations and training. For this example, in *Fire Department Incident Safety Officer*, Chief David Dodson provides a rescue profile model (high, marginal, zero) for decision making. Departments may choose to train firefighters, officers, and incident commanders to use this model to mitigate discrepancies in what "savable" means on scene to responders.

As you can see, risk management is not about simply operating in a defensive mode. It allows for a greater probability of success by identifying and mitigating hazards to facilitate safer operations. In each of these situations, the responders reduced the uncertainty of outcome by gathering more information or taking action. These mitigations can be applied to each of the risk factors, and the risk equation can now be represented as

$$\text{Risk} = (\text{threat-mitigation}) \times (\text{probability-mitigation}) \times (\text{consequence-mitigation})$$

Our members are experienced in managing hazard risks on scene and during training, but many are less familiar with managing financial, operational, strategic, or even hazard risks during routine activities. At least, most likely do not recognize that they are using risk management decision making throughout their day. From deciding what time to leave and what route to take to work (strategic risk around the traffic environment) to deciding whether to pass or shoot during a basketball

Ingraining risk management as part of our decision-making processes will improve the safety and health of our members.

game (operational risk around process), firefighters make risk-based decisions every day—decisions that help achieve their objectives (e.g., be to work on time, win the game).

Many firefighters are also personally aware of financial risk. Whether deciding to invest in a cryptocurrency, contribute more to their deferred compensation plan, or buy a new vehicle, they make financial decisions that impact their future economic choices. Individuals may have jumped into the stock market last year seeking high returns while recognizing the market may adjust in short order. Others may have opted for a lower return on a more secure investment. Everyone has their own risk appetite.

Like individuals, agencies also must manage risks. Agencies make decisions regarding hazard risks (e.g., property loss, purchasing insurance), financial risks (e.g., fuel contracts), operational risks (e.g., training, equipment purchases), and strategic risks (e.g., economic environment, changing demographics). But, because of the magnitude of impact, statutory requirements, and public scrutiny, managing risks for agencies is far more complex than it is for most individuals. Many of these risk management processes are handled by risk management, human resources, or legal departments. From developing contracts to ensuring performance and indemnifying against loss, evaluating and purchasing liability and medical insurance policies, and processing personnel issues and workers' compensation claims, risk management is essential across organizations. Bringing structure to risk management helps agencies bring coordination and consistency to risk management across the organization. Integrating the concept and processes

of risk management into an organization aids in reducing negative outcomes; more importantly, it increases the likelihood of achieving organizational goals and objectives.

Enterprise Risk Management

It is clear that firefighters of all ranks use risk management techniques; it is also clear that they all do not apply the same techniques under the same expectations. As described earlier, the “Risk a lot to save a lot, risk some to save property, risk nothing for that which is already lost” approach leaves many gaps for the individual to fill in. Even though every scene is unique, if fire service agencies work to fill in the gaps through policy enhancements and training, and if they include risk management discussions in after-action reviews, there will be fewer gaps for individuals to fill in and a greater likelihood of success in meeting objectives on the fireground and across the organization.

For risk management to aid the organization in achieving its goals, it must be implemented in a holistic manner. And, as is necessary for success and effectiveness, there must be a mandate and a commitment from the senior leadership and the governing body. Risk management needs to be embedded in the organization’s management at all levels and across all segments of the organization. A risk management system provides an organization with tools to improve its strategic and operational planning and decision-making processes. Through identifying risks and implementing management techniques to address them, an organization can reduce uncertainties and improve the likelihood of achieving its goals and objectives. Many agencies already have components of risk management in place in their different segments (e.g., human resources, finance). However, through consistency and coordination of risk management principles, framework, and processes, agencies can improve the efficiency and effectiveness of their risk management systems. Enterprise risk management can provide the structure to help agencies implement organizationwide risk management practices.

A framework helps address the process of risk management. Implementing a process improves consistency, which improves outcomes. There are many model frameworks, or an agency may decide to develop its own. One such framework is National Fire Protection Association 1250 (2015), *Recommended Practice in Fire and Emergency Service Organization Risk Management*. There are also nonindustry-specific options such as the Committee of Sponsoring Organizations (COSO) and International Organization for Standardization (ISO) 31000 enterprise risk management frameworks. In addition to more public and private adoption of these frameworks, the COSO and ISO 31000 models are more comprehensive in their approach than NFPA 1250. These and many other frameworks have their strengths, and there is no one framework that is best for all the fire service. Although unique in their scope and approach, frameworks are similar in that they provide a structure to risk management. Exploring one enterprise risk management model provides a basic understanding of the components and arrangement of frameworks generally.

The ISO 31000 Model

The ISO 31000 model consists of three interconnected components: principles, framework, and process. The principles center around creating and protecting values and include using best available information, incorporating human and cultural factors, customization, integration into all aspects of the organization, and continual improvement. The principles drive the framework and the process. These two components feed each other, continually interacting with and contributing to the improvement of the risk management system. The framework provides the leadership and commitment for risk management. It offers a high-level implementation, evaluation, and improvement cycle. This oversight and quality improvement function is fed by and contributes to the risk management process model.

The process component uses several key inputs and outputs for taking risks, from assessment to treatment. The processes include communication and

consultation, monitoring and review, and recording and reporting. Key to both the framework and the process is individual involvement. Since risk management decisions are the responsibilities of each member and to the extent that this is an essential element of enterprise risk management (ERM), there comes the saying, “Everyone is a Risk Manager.”

Opportunities Ahead

Through the expansion of risk management within the fire service, we can improve our internal and external customer service through greater achievement of our goals and objectives. Ingraining risk management as part of our decision-making processes will improve the safety and health of our members. It will provide them with tools that will help them to better decide when it is possible to protect life and property within their organization’s risk appetite.

To support the mission, your responders, and the community, take some time to learn about the risk management practices your agency has in place. Learning about current practices may increase your understanding of the strengths of existing risk management components and help you to identify gaps in consistent practices. Reviewing NFPA 1250 or another risk management framework will provide additional background and information on how a risk management system can help achieve organizational goals and objectives. ■

BRIAN STEWART is a shift battalion chief and hazardous materials chief with Clackamas (OR) Fire District #1. He has been with Clackamas Fire since 2014 when Boring Fire District #59, where he was chief, combined with Clackamas Fire. Stewart has a master of public administration degree and a bachelor’s degree in fire science. He is a designated Chief Fire Officer by the Commission on Professional Credentialing and is a peer assessor for the Center for Public Safety Excellence for fire service accreditation and professional credentialing. He is a director with the Oregon Safety and Health Section and serves on a state incident management team. Stewart has presented at state conferences on firefighter safety and risk management and on using risk management to help achieve organizational success at the Center for Public Safety Excellence’s 2019 Excellence Conference.