* Rich in Historic * * 1873

City of Manassas, Virginia Fire and Rescue Committee Meeting

AGENDA

Fire and Rescue Committee - Regular Agenda Manassas City Hall 9027 Center Street Manassas, VA 20110 Second Floor Conference Room Thursday, November 16, 2017

- 1. <u>Call to Order 6:00 p.m.</u> Chairman Marc T. Aveni
- 2. <u>Determination of Quorum</u>
- 3. <u>Approval of Meeting Minutes</u>
 - 3.1 Approval of October 19, 2017 Meeting Minutes

FRC Meeting Minutes - October 19, 2017

- 4. <u>Chairperson's Report</u>
- 5. <u>City of Manassas Fire and Rescue Department's Report</u>
- 6. <u>Manassas Volunteer Fire Company's Report</u>
- 7. <u>Greater Manassas Volunteer Rescue Squad's Report</u>
- 8. <u>Unfinished Business</u>
 - 8.1 Standing Committee Reports
 - a. Consolidated Logistics

- b. Health and Safety
- c. Quality Assurance
- d. Training Committee REPORT DUE (Battalion Chief Jerry Smith)
- e. Strategic Plan
- f. Information Technology Ad Hoc Group
- g. NIMS Update REPORT DUE, to be distributed

Standing Committees Agenda Statement FRC Standing and Sub Committee Listing 2017

- 8.2 Incident Reporting Update [Staff: Deputy Chief Todd E. Lupton] Incident Reporting Update
- 8.3 Fire and Rescue Station 521 Update [Staff: Chief Rob Clemons] Fire and Rescue Station 521 Update
- 8.4 SOP 2.52 EMS Quality Assurance Program, Revision [Staff: Deputy Chief Todd E. Lupton] SOP 2.52 EMS Quality Assurance Program SOP 2.52 EMS Quality Assurance Program (Revised)
- 9. <u>New Business</u>
- 10. <u>Closed Meeting</u>
- 11. <u>Adjournment</u>

<u>Appendix</u>

Fuel Report (October 2017) Appendix Cover Page Fuel Report (October 2017)







CITY OF MANASSAS FIRE AND RESCUE COMMITTEE

Meeting Minutes October 19, 2017

CALL TO ORDER 6:00pm

ROLL CALL

- Present:Councilman Marc T. Aveni (Chairman), Director Dave Burns, President Tripp
DeRamus, Deputy Chief Todd Lupton, Battalion Chief Mark P. Nary (non-voting
for Chief Clemons), Chief Gary Orndoff, and Chief Nancy Orndoff
- Guest Speakers: Battalion Chief Mark P. Nary and Lt. Matt Fox
- Others Present: Melissa Heiderman and Jessica Higgins

Absent: Chief Rob Clemons

DETERMINATION OF QUORUM

Chairman Aveni determined quorum is present.

APPROVAL OF MINUTES

(3.1) PRESIDENT DERAMUS MOVED to approve the minutes of the September 21, 2017 meeting; Deputy Chief Lupton seconded the motion. Roll Call Vote: AYES – President DeRamus, Deputy Chief Lupton, Director Burns, and Chief G. Orndoff. **MOTION CARRIED (4/0)**

CHAIPERSON'S REPORT

Chairman Aveni welcomed everyone to the meeting and introduced Jessica Higgins, new Fiscal Specialist for the Department. He attended the MVFC Open House and said it was a nice event for everyone and being coordinated with the Fall Jubilee was a nice idea. Rescue Engine 521 was presented to City Council at the last council meeting and was received well. The sale for the land of the new station 521 went through today.

MANASSAS FIRE AND RESCUE DEPARTMENT'S REPORT

Deputy Chief Lupton presented the monthly report in Chief Clemons' absence. Staff is continuing to work with GMVRS regarding the staffing letter which was submitted a few months ago. The Executive Leadership Team will be participating in its second annual retreat at the end of November. The group will be meeting in Fairfax over the two day period.

Staff assisted with coverage of the Fall Jubilee, First Friday and MVFC Open House. The current recruit class will be finishing this week and will be assigned into the field.

Last week was National Fire Prevention Week. FM Hartnett and Chief Clemons were present at the Council meeting when the Mayor read the proclamation.

Chief Clemons recently sent an email with an update about the ARFF unit. President DeRamus asked the status of the search for an OMD; Deputy Chief Lupton replied that the search is ongoing.

Deputy Chief Lupton also mentioned the land sale for the new station being completed. Staff will be meeting with Samaha in the next week or two to review the timeline and begin moving forward.

APPARATUS MAINTENANCE

Maintenance costs YTD, through September 2017, are \$44,084.

MANASSAS VOLUNTEER FIRE COMPANY'S REPORT

Chief G. Orndoff reported that the Open House was a successful event. There were many attendees and fun was had by all. There are two events tomorrow at local elementary schools and at Home Depot over the weekend.

There are two members in EMT class, which started Monday and one completing DPO on Sunday. President DeRamus noted that staffing availability is looking more positive now; everyone's hard work in class is being seen. Leadership is working on getting staff trained in specialty roles.

GREATER MANASSAS VOLUNTEER RESCUE SQUAD'S REPORT

Chief N. Orndoff reported that the GMVRS has sixteen members at some stage of the new member process. Seven are awaiting background checks, three need interviews, one needs the agility test, and five were voted in as trial members last month.

She reported that she and President Rockx are working with CMFRD to develop recommendations to ensure a 2nd transport unit is available 24/7. GMVRS is doing a 30-day review of current practices; the group will meet next month to review results.

A new EMT class started this week through Training 911. Three new members, three junior members, and two from MVFC are in the class. There are three night classes and one weekend class for HIPPA and Infection Control being offered next week. A new BLS CME is set to begin on November 4th; if completed it will give members 30 hours of cme credit.

Members participated in First Friday, Fall Jubilee and the MVFC Open House. During the Fall Jubilee members provided staffing and had table; three applications were received at the table. Members will also be participating in the annual Trunk or Treat at St. Thomas United Methodist Church and the Christmas parade in December.

UNFINISHED BUSINESS

(8.1) Standing Committees

• A. Consolidated Logistics (Battalion Chief Mark P. Nary)

Battalion Chief Nary reported that he and his staff are doing a complete gear inventory. Thus far, the needs are exceeding the available budget so prioritization must be done. A boot order was placed and all major hose purchases are complete, except for the new Engine. He further stated that he's waiting on a new contract before he can order gear. New pick kits are out (for protection on EMS calls).

President DeRamus reminded the group that MVFC has two members that are grant writers who have offered their assistance. Grants are available to replace expired gear in fire departments.

o C. Quality Assurance (Lieutenant Matt Fox)

Lt. Fox reported that the QA Committee reviewed 90 calls during the last review. They focused on chest pain calls; no concerns with treatment were noted. Commendations include: resuscitation rates are high regarding CPR patients; on pediatric cardiac arrest calls during the quarter providers did a great job. Improvements warranted were the need for more documentation. Earlier this month, flight paramedics from Deer County EMS (in the Outerbanks) visited Manassas to talk with staff about the progressive EMS program here in the City.

o G. NIMS Update

Robb Hoffower (VDEM) had worked with members last month to update the compliance report for the FRC annual report. No additional report was made.

(8.2) Incident Reporting

Deputy Chief Lupton stated that twenty reports are missing. There was an issue with the reporting system being down. He has already reached out to staff missing reports to complete them immediately.

(8.3) Fire Station 521 Update - see MFRD Report

NEW BUSINESS

(9.1) SOP 2.52 EMS Quality Assurance Program, Revision

The revised SOP is being presented to address changes in practices and the addition of RSI. It is more of a wording change than policy change. There are also changes to the form begin recommended. The group agreed to review the policy for thirty days.

(9.2) System Name (System vs. Service, Interchangeable)

Deputy Chief Lupton noted that the two names (System and Service) are interchangeable in the ordinance. He would like to see one consistent name for SOPs, form headers, etc.

(9.2) DIRECTOR BURNS MOVED to formally adopt the name of the system which compromises the GMVRS, MVFC, and CMFRD as the "City of Manassas Fire and Rescue System"; President DeRamus seconded the motion. Roll Call Vote: AYES – Director Burns, President DeRamus, Deputy Chief Lupton, Chief G. Orndoff, and Chief N. Orndoff. **MOTION CARRIED (5/0)**

ADJOURNMENT and CLOSING COMMENTS

The November agenda shall include the following topics which are carryover from October:

o NIMS Update

o SOP 2.52 EMS Quality Assurance, revision

ADJOURNED: 6:33 PM

Minutes prepared by:

Melissa A. Heiderman, Administrative Coordinator

Abbreviations: FRC – Fire and Rescue Committee GMVRS – Greater Manassas Volunteer Rescue Squad MFRD – Manassas Fire and Rescue Department MVFC – Manassas Volunteer Fire Company VDFP – Virginia Department of Fire Programs PWC – Prince William County URS – Uniform Rank Structure OMD – Operational Medical Director

FIRE AND RESCUE COMMITTEE AGENDA STATEMENT

					PAGE NO
MEETING DATE:	November 16, 201	7			
TIME ESTIMATE:	10 minutes				
Agenda item title:	Standing Committe	ees – Committee List	ing and Monthly Re	eports	
DATE THIS ITEM WAS LAST CONSIDERED BY COMMITTEE:	Monthly				
Summary of Issue/topic:	establish standing by the FRC, and sha Quality As Health and Training Consolidat Strategic P	committees and tec all be acknowledged surance and System d Safety ted Logistics	nnical sub-commit as such: Protocol		Rescue Committee authority to The following have been formed
ORGANIZATION:	Manassas Fire and	Rescue Committee			
Recommendation:	Approve	Disapprove	Reviewed	Х	See Comments
COMMENTS:	Training	om the following co arterly Update	mmittees and/or s	standir	ng updates:
DISCUSSION (IF NECESSARY):					
BUDGET/FISCAL IMPACT:					
CONTACT PERSON:	Vice-Mayor Marc [Melissa Heiderma	T. Aveni, Chairman an, Administrative Co	ordinator, 703.257	.8458	







CITY OF MANASSAS FIRE AND RESCUE COMMITTEE Standing and Sub Committees

Health and Safety

Kevin Franzello, *Battalion Chief* (Chair) TO BE DETERMINED Amos Akers, *Lieutenant* Ian Pleet, *Firefighter* Peter Stein, *Firefighter* Nancy Orndoff, *Chief* Gabriella Burnette, *EMT*

Manassas Fire and Rescue Department Manassas Fire and Rescue Department Manassas Fire and Rescue Department Manassas Volunteer Fire Company Manassas Volunteer Fire Company Greater Manassas Volunteer Rescue Squad Greater Manassas Volunteer Rescue Squad

Quality Assurance and System Protocol

Matt Fox, *Lieutenant* (Chair) Eva Rose, *Medic/Firefighter* Ben Page, *Medic/Firefighter* Valerie Kusterbeck, *Medic/Firefighter* Thomas Boyden, *EMT* Gabriella Burnette, *EMT* Brandon Cox, *Firefighter* Gary Orndoff, *Chief* Dr. Thomas Luckey Manassas Fire and Rescue Department Greater Manassas Volunteer Rescue Squad Greater Manassas Volunteer Rescue Squad Manassas Volunteer Fire Company Manassas Volunteer Fire Company Operational Medical Director

Training

Jerry Smith, *Battalion Chief* (Chair) David Halman, *Captain* Gary Orndoff, *Chief* Jason Kendrick, *Assistant Chief* Thomas Boyden, *EMT* Nancy Orndoff, *Chief* Manassas Fire and Rescue Department Manassas Fire and Rescue Department Manassas Volunteer Fire Company Manassas Volunteer Fire Company Greater Manassas Volunteer Rescue Squad Greater Manassas Volunteer Rescue Squad

CONSOLIDATED LOGISTICS

Mark Nary, *Battalion Chief (Chair)* John Sakavich, *EMT* AJ Shillingburg, *Firefighter* Manassas Fire and Rescue Department Greater Manassas Volunteer Rescue Squad Manassas Volunteer Fire Company

STRATEGIC PLANNING SUB-COMMITTEE

Rob Clemons, Chief (Chair) Todd Lupton, Deputy Chief Nancy Orndoff, Chief Pete Rockx, President Gary Orndoff, Chief Tripp DeRamus, President James Hartnett, Fire Marshal Manassas Fire and Rescue Department Manassas Fire and Rescue Department Greater Manassas Volunteer Rescue Squad Greater Manassas Volunteer Rescue Squad Manassas Volunteer Fire Company Manassas Fire and Rescue Department

Recruitment and Retention

Rob Clemons (Chair) Matt Fox Cailean Roche Randy Cusick Leo Carbone Debbie Colby Mark Failer Manassas Fire and Rescue Department Manassas Fire and Rescue Department Manassas Fire and Rescue Department Greater Manassas Volunteer Rescue Squad Greater Manassas Volunteer Rescue Squad Manassas Volunteer Fire Company Manassas Volunteer Fire Company

Rescue Engine Workgroup (Jul 2015) (will be disbanded soon)

David Halman, *Captain (Chair)* William "Jerry" Smith, *Battalion Chief* Karl Sampson, *Master Technician* Donald Brown, *EMT* Gary Orndoff, *Chief* Manassas Fire and Rescue Department Manassas Fire and Rescue Department Manassas Fire and Rescue Department Greater Manassas Volunteer Rescue Squad Manassas Volunteer Fire Company

Ambulance Specification Workgroup (Feb 2017) (will be disbanded soon)

Todd Lupton, *Deputy Chief* Matt Fox, *Lieutenant* Cailean Roche, *FF/Medic* Thomas Boyden, *EMT* Leo Carbone, *EMT* Manassas Fire and Rescue Department Manassas Fire and Rescue Department Manassas Fire and Rescue Department Greater Manassas Volunteer Rescue Squad Greater Manassas Volunteer Rescue Squad

Engine Specification Workgroup (Feb 2017) (will be disbanded soon)

Todd Lupton, *Deputy Chief* David Halman, *Captain* Joe Rose, *Captain* Jamie Jewett, *Master Tech* Gary Orndoff, *Chief* AJ Shillingburg, *Firefighter* Manassas Fire and Rescue Department Manassas Volunteer Fire Company Manassas Volunteer Fire Company

Information Technology and Management (Apr 2017)

Mark Nary, *Battalion Chief* - Chair Dave Burns, *Director* Drew McRoberts, *EMT* Terry Norling, *Firefighter* Mark Failer, *Firefighter* Manassas Fire and Rescue Department Greater Manassas Volunteer Rescue Squad Greater Manassas Volunteer Rescue Squad Manassas Volunteer Fire Company Manassas Volunteer Fire Company

FIRE AND RESCUE COMMITTEE AGENDA STATEMENT

MEETING DATE: November 16, 2017 TIME ESTIMATE: 5 minutes AGENDA ITEM TITLE: Incident Reporting DATE THIS ITEM WAS LAST October 19, 2017 October 20, 2016 **CONSIDERED BY** September 21, 2017 September 15, 2016 COMMITTEE: August 17, 2017 August 18, 2016 July 20, 2017 July 21, 2016 May 18, 2017 June 16, 2016 April 20, 2017 April 21, 2016 March 16, 2017 March 17, 2016 February 16, 2017 February 18, 2016 January 19, 2017 January 21, 2016 December 15, 2016 December 17, 2015 November 17, 2016 SUMMARY OF There has been an issue with units responding on emergency incidents but not completing **ISSUE/TOPIC:** incident reports. These reports are legal documents, accounts of what happened at an incident; they are often requested by the citizen/business that was affected. **ORGANIZATION:** City of Manassas Fire and Rescue **RECOMMENDATION:** Approve Disapprove Reviewed Х See Comments **COMMENTS:** DISCUSSION Update only (IF NECESSARY): **BUDGET/FISCAL IMPACT: CONTACT PERSON: Deputy Chief Todd Lupton** (703) 257-8458

PAGE NO. _____

FIRE AND RESCUE COMMITTEE AGENDA STATEMENT

MEETING DATE:	November 16, 2017									
TIME ESTIMATE:	5 minutes									
AGENDA ITEM TITLE:	FS 521 Update									
DATE THIS ITEM WAS LAST CONSIDERED BY COMMITTEE:	Monthly									
SUMMARY OF ISSUE/TOPIC:	New Fire Station 521 (CIP P-022) is moving forward. City Staff has been working with the irchitect on land and building design. An advisory group has also been established to help iddress member inquiries and comments.									
ORGANIZATION:	Manassas Fire and Res	cue Department								
RECOMMENDATION:	Approve	Disapprove	Reviewed	x	See Comments					
COMMENTS:	Chief Clemons was as until completion of the	•	odate on the p	oroject s	status to the FRC each month					
	A community meeting	A community meeting was held on March 21, 2017 at Round Elementary School.								
	A community meeting	, was held on July 19,	2017 at City Ha	II.						
	Due diligence began ir	n July 2017.								
	•	-			prehensive Plan Amendment on consistent with the City					
	Land Sale was comple	ted in October 2017.	Sign is now on	display	at site.					
DISCUSSION (IF NECESSARY):										
BUDGET/FISCAL IMPACT:										

PAGE NO.

CONTACT PERSON:

Chief Rob Clemons (703) 257-8465

FIRE AND RESCUE COMMITTEE AGENDA STATEMENT

				PAGE NO.
MEETING DATE:	November 16, 2017			
TIME ESTIMATE:	10 minutes			
Agenda item title:	SOP 2.52 EMS Quali	ty Assurance Program,	Revision	
DATE THIS ITEM WAS LAST CONSIDERED BY COMMITTEE:	October 19, 2017 July 2012			
Summary of Issue/topic:	SOP 2.52, EMS Qual sheet(s), and inform		n, has been revised to	meet current processes, review
ORGANIZATION:	Manassas Fire and R	escue Department		
RECOMMENDATION:	X Approve	Disapprove	Reviewed	See Comments
Comments:	5	nce Committee has a ys to review the policy.		proposed. In October, the FRC
DISCUSSION (IF NECESSARY):				
BUDGET/FISCAL IMPACT:				
CONTACT PERSON:	Deputy Chief Todd E (703) 257-8458	E. Lupton		







City of Manassas Fire and Rescue Services Standard Operating Procedure								
EMS Quality Assurance Program	Presented Date: 06/21/2012 Effective Date: 07/19/2012 Revision Date: 10/19/2017	Page 1 of 7	2.52					

<u>PURPOSE</u>

To provide a Quality Assurance (QA) Program that is designed to objectively, systematically and continuously monitor, assess and improve the quality and appropriateness of patient care provide by the City of Manassas Fire & Rescue Services.

POLICY

- 1. The Quality Assurance (QA) Program shall maintain a committee, approved by the Fire & Rescue Committee to complete routine evaluations of all aspects of pre-hospital Emergency Medical Services for the system.
- 2. The committee shall consist of seven (7) personnel, one (1) chairperson, two (2) from CMFRD, two (2) from MVFC, and two (2) from GMVRS.
- 3. The committee shall meet at the minimum of once each quarter or under any special circumstances. Typically regular meetings will be in January, April, July, and October of each year.
- 4. The CMFRD EMS Supervisor shall conduct routine QA of system incidents between the quarterly meetings to insure continued protocol compliance is being met.
- 5. The committee Chair will report to the Fire & Rescue Committee.
- 6. A quarterly summary along with any pertinent documentation will be submitted to the OMD, Fire & Rescue Chief, Volunteer Chiefs and Fire & Rescue Committee.

PROCEDURE

- 1. The Quality Assurance committee will review patient care reports according to the incident type and the diversity among personnel.
- 2. All patient care reports reflecting any of the below incident types or procedures shall be QA every quarter.
 - a. Respiratory arrest
 - b. Stoppage of breathing
 - c. Use of EMS helicopter
 - d. Endotracheal Intubation
 - e. Needle Decompression
 - f. RSI or Cricothyrotomy
 - g. Electrical Therapy
 - h. STEMI
 - i. One additional BLS or ALS randomly chosen incident type or procedure
 - j. 10 random BLS, ALS or Canceled reports from each agency.
 - k. Patient care concerns or complaints
- 3. Reports should be reviewed to insure the following entries are accurate and complete:
 - a. Patient name and demographic information
 - b. Primary impression and assessment findings
 - c. All medications and procedures appropriately documented in correct fields

EMS Quality Assurance Program Section 2.52

- d. ECG data attached to record
- e. Accurate and appropriate narrative
- f. Correct signatures obtained for patient, receiving staff, and providers.
- g. Appropriate level of care on scene and during transport.
- h. Patient disposition
- 4. The committee shall complete a quarterly review report for each patient care report reviewed. All comments and discrepancies shall be documented thoroughly. A quarterly summary report will also be produced for each quarter.
- 5. The Quality Assurance committee will review patient care reports for accuracy, completeness, and adherence to Department protocols. The committee will also make recommendations to the Fire & Rescue Committee on training needs, protocols revisions or issues, and overall improvement of the EMS delivery system.
- 6. The Quality Assurance committee shall also have the responsibility to investigate all complaints filed against personnel as it relates to providing medical care.
- 7. All complaints shall be properly documented and fully investigated by the committee and a copy forwarded to the OMD, Fire & Rescue Chief, Volunteer Chiefs and Fire & Rescue Committee.
- 8. The committee shall utilize the Quality Assurance complaint form for each complaint filed with the Department.
- 9. The committee shall utilize (if required) the investigation checklist and the investigation interview form.

*QUALITY ASSURANCE FORMS ON FOLLOWING PAGES

APPROVED BY

DRAFT

Vice-Mayor Marc T. Aveni, Fire and Rescue Committee Chairman

Date

City of Manassas Fire and Rescue Services Quality Assurance Review Report

Date: _____ QA Personnel: _____ Incident #:_____

Reports should be reviewed to insure the following entries are accurate and complete:

Topic	Complete	Incomplete	Notes
Patient name and			
demographic			
information			
Primary impression and			
assessment			
Findings			
All medications and			
procedures			
appropriately			
documented			
ECG data attached to			
record			
Accurate and			
appropriate narrative			
Correct signatures			
obtained for patient,			
receiving staff, and			
providers			
Appropriate level of			
care on scene and			
during transport			
Patient disposition			

Does this call require follow-up with the Operational Medical Director? Yes/No

Should the unit or provider be recognized for going above and beyond with patient care? Yes/No

Additional Comments or Concerns:_____

City of Manassas Fire and Rescue Services

SYSTEM QUARTERLY QUALITY ASSURANCE REPORT

Agency #: City of Manassas Fire & Rescue System Reporting Period:

Total Number of Patient Care Reports Reviewed This Period:

CMFRS: EMS Supervisor: *Random Topic:

COMMENDATIONS:

•

RECOMMENDATIONS FOR IMPROVEMENT:

•

Submitted by:

City of Manassas Fire & Rescue Services Quality Assurance Complaint Form

Date of Occurrence:/ 20 Time of Occurrence:
Location of Occurrence: (circle one) Emergency Dept. Scene Station
In unit Other:
Unit(s) involved:
Personnel involved:;;
;;;
Incident Number (if known)
Describe incident in detail:
(Use additional space on back if needed)
Phone number where you can be reached:
Date form was completed:
Print your name:
Sign your name:
Return to the below address: (Deputy Chief Lupton can be reached at 571-921-5997) City of Manassas Fire and Rescue Department Attn: Deputy Chief Lupton 9324 West Street, Suite 103 Manassas, VA 20110
(All information will be kept confidential)

City of Manassas Fire & Rescue Services Quality Assurance Investigation Checklist

Incident #: _____ Date of Incident: ___/___/

Notifications of ongoing investigation

- 1. Operational Medical Director
- 2. Fire & Rescue Chief
- 3. EMS Program Manager
- 4. Quality Assurance Committee
- 5. Affected Volunteer Chief
- 6. Personnel being investigated & Supervisor

Copies of all relevant documentation Patient Care Report Written Statements from providers and other personnel as needed Quality Assurance Complaint Form Hospital Documentation Other Documentation

Review patient care report and any related documents

Interview complainant: Date: ___/ ___ Location: _____

Interview all persons directly involved with the incident and/or patient care

Copy and research any related Medical protocols, SOPs, and related policy

Report the committee's findings in writing to the OMD, Fire & Rescue Chief, Volunteer Chiefs and Fire & Rescue Committee with recommendations for improvement.

Quality Assurance Committee members:

City of Manassas Fire & Rescue Services Quality Assurance Investigation Interview Form

Incident Number:	
Date:// Time:	Location:
Person Interviewed:	Certification Level:
Personnel conducting interview:	
Interview Notes:	

Interview completed (Time): _____







CITY OF MANASSAS FIRE AND RESCUE COMMITTEE

APPENDIX

Appendix A: Fuel Report (October 2017)

3500.rp	y of Manassas t # : 293		FLEET M	10/01/2017 t		REPORT			DATE: 11/01	PAGE: 32 /2017 06:19
	ENT # DESCRIPTION	MI / HRS DRIVEN	M.P. / \$ MILEAGE	\$ FIXED	\$ FUEL	\$ PARTS	\$ LABOR	\$ SUBLET	\$ MISC / CREDIT	\$ TOTAL
DEPART	MENT: 32001 / FIRE & RESCUE									
FC01	2017 TAHOE 4X4 4 DR	246	0.00	80.00	46.22	0.00	0.00	0.00	0.00	126.22
FC99	2010 CHARGES	0	0.00	0.00	1.74	0.00	0.00	0.00	0.00	1.74
FD02	2008 EXPEDITION	372	0.00	140.00	67.59	0.00	0.00	0.00	0.00	207.59
FD03	2008 EXPEDITION	856	0.00	140.00	235.12	0.00	0.00	0.00	0.00	375.12
FD04	2008 EXPEDITION	1,137	0.00	140.00	187.79	60.71	170.00	0.00	52.50	611.00
FD05	2010 BN618TA	0	0.00	80.00	0.00	0.00	0.00	0.00	0.00	80.00
FM1	2013 F150	420	0.00	358.00	87.01	0.00	0.00	0.00	0.00	445.01
FM581	2008 EXPLORER	0	0.00	140.00	0.00	0.00	0.00	0.00	0.00	140.00
	DEPARTMENT SUBTOTALS :	3,031	0.00	1,078.00	625.47	60.71	170.00	0.00	52.50	1,986.68
	BREAKDOWN OF CHARGES:		MILEAGE		0.00		PA	RTS - WO		60.71
	EQUIPMENT COUNT: 8		MOTOR POC	DL	l	0.00	PA	RTS - INDEP		0.00
	DEPARTMENT 32001		BASE		518	8.00	LA	BOR		170.00
			INSURANCE		420	0.00	SU	BLETS		0.00
			OTHER		140	0.00				
			REPLACEME	NT	(0.00	MI	SC - PARTS		0.00
			FUEL		62	5.47	MI	SC - LABOR		0.00
							MI	SC - SUBLETS		0.00
							MI	SC - GENERAL		52.50
							RE	TURNS - PARTS	;	0.00
							CR	EDITS - PARTS		0.00
							CR	EDITS - LABOR		0.00
							CR	EDITS - SUBLE	TS	0.00
							CR	EDITS - GENER	AL	0.00

22

 \mathbf{a}_{i}

The City of Mai 3500.rpt BATCH # : 293			FLEET MANAGEMENT BILLING REPORT 10/01/2017 to 10/31/2017							PAGE: 25 DATE: 11/01/2017 06:19	
EQUIPMENT #	DESCRIPTION	MI / HRS DRIVEN	M.P. / \$ MILEAGE	\$ FIXED	\$ FUEL	\$ PARTS	\$ LABOR	\$ SUBLET	\$ MISC / CREDIT	\$ TOTAL	
DEPARTMENT	: 3020 / FIRE STATION #1										
BAT581	2013 TAHOE K1500	443	0.00	80.00	72.21	0.00	0.00	0.00	0.00	152.21	
CHI501	2003 SUBURBAN	0	0.00	60.00	0.00	0.00	0.00	0.00	0.00	60.00	
DEC501	1993 E350	0	0.00	60.00	0.00	0.00	0.00	0.00	0.00	60.00	
ENG501	2013 COMMAND CHASS	406	0.00	60.00	231.45	0.00	0.00	0.00	0.00	291.45	
ENG501B	1997 FIRETRUCK	1,311	0.00	60.00	658.70	0.00	0.00	0.00	0.00	718.70	
FE11	1966 FIRETRUCK	0	0.00	60.00	0.00	0.00	0.00	0.00	0.00	60.00	
FE501	2002 FIRETRUCK	0	0.00	60.00	0.00	0.00	0.00	0.00	0.00	60.00	
SE501	2013 TRAILER	0	0.00	80.00	0.00	0.00	0.00	0.00	0.00	80.00	
TOW501	2013 COMMAND CHASS	775	0.00	60.00	941.43	0.00	0.00	0.00	0.00	1,001.43	
UTF501	2016 F250 4X4SC	454	0.00	80.00	122.90	0.00	0.00	0.00	0.00	202.90	
UTV581	2012 UNK	0	0.00	60.00	0.00	0.00	0.00	0.00	0.00	60.00	
VC501	2015 INTERCEPT UTIL	0	0.00	80.00	0.00	0.00	0.00	0.00	0.00	80.00	

- 60

The City of Manassas 3500.rpt		FLEET MANAGEMENT BILLING REPORT 10/01/2017 to 10/31/2017						PAGE: DATE: 11/01/2017 06			
BATCH # : 293 EQUIPMENT # DESCRIPTION		MI / HRS DRIVEN	M.P. / \$ MILEAGE	\$ FIXED	\$ FUEL	\$ PARTS	\$ LABOR	\$ SUBLET	\$ MISC / CREDIT	\$ TOTAL	
DEPARTMENT SUBT	OTALS :	3,389	0.00	800.00	2,026.69	0.00	0.00	0.00	0.00	2,826.69	
BREAKDOWN OF CH	ARGES:		MILEAGE			0.00	PA	RTS - WO		0.00	
EQUIPMENT COUNT	. 12		MOTOR POO	DL		0.00	PA	RTS - INDEP		0.00	
DEPARTMENT :	3020		BASE			0.00	LA	BOR		0.00	
			INSURANCE	÷	72	0.00	SL	JBLETS		0.00	
			OTHER		8	0.00					
		REPLACEMENT		0.00		MISC - PARTS			0.00		
			FUEL		2,026.69		MISC - LABOR			0.00	
							MI	SC - SUBLETS		0.00	
							МІ	SC - GENERAL		0.00	
							RE	TURNS - PARTS	;	0.00	
							CR	REDITS - PARTS		0.00	
							CR	REDITS - LABOR		0.00	
							CR	REDITS - SUBLE	TS	0.00	
							CR	EDITS - GENER	AL	0.00	

The City of 3500.rpt BATCH #	of Manassas		FLEET M		NT BILLING to 10/31/2017	REPORT			DATE: 11/01	PAGE: 27 /2017 06:19
	NT # DESCRIPTION	MI / HRS DRIVEN	M.P. / \$ MILEAGE	\$ FIXED	\$ FUEL	\$ PARTS	\$ LABOR	\$ SUBLET	\$ MISC / CREDIT	\$ TOTAL
DEPARTM	IENT : 3030 / RESCUE SQUAD		<u> </u>		-					
MED501	2015 AMBULANCE	235	0.00	60.00	- 98.98	0.00	0.00	0.00	0.00	158.98
MED501E		766	0.00	60.00	352.32	0.00	0.00	0.00	0.00	412.32
MED5010	2010 F450	462	0.00	60.00	144.47	0.00	0.00	0.00	0.00	204.47
MED5010	2016 F550	1,691	0.00	60.00	801.50	0.00	0.00	0.00	0.00	861.50
RC501	2014 TAHOE 1500	250	0.00	80.00	32.33	27.59	283.25	0.00	22.50	445.67
RES501	1997 AMBULANCE	1,332	0.00	60.00	869.97	0.00	0.00	0.00	0.00	929.97
RES521	2018 ARROW XT	0	0.00	80.00	0.00	6.25	55.00	0.00	0.00	141.25
UTI581B	2007 F550 4X4	476	0.00	80.00	138.25	0.00	0.00	0.00	0.00	218.25
	DEPARTMENT SUBTOTALS	5,212	0.00	540.00	2,437.82	33.84	338.25	0.00	22.50	3,372.41
	BREAKDOWN OF CHARGES:		MILEAGE	-		0.00	PA	RTS - WO		27.59
	EQUIPMENT COUNT : 8		MOTOR POO	L		0.00	РА	RTS - INDEP		6.25
	DEPARTMENT 3030		BASE			0.00	LA	BOR		283.25
			INSURANCE		48	0.00	SU	IBLETS		0.00
			OTHER		6	0.00				
			REPLACEMEN	NT	4	0.00	MI	SC - PARTS		0.00
			FUEL		2,43	7.82	MI	SC - LABOR		55.00
							MI	SC - SUBLETS		0.00
							MI	SC - GENERAL		22.50
							RE	TURNS - PARTS	5	0.00
							CR	EDITS - PARTS		0.00
							CR	EDITS - LABOR	ł	0.00
							CR	EDITS - SUBLE	TS	0.00
							CR	EDITS - GENER	RAL	0.00