

FIRE DEPARTMENT

Impact Analysis Report

OVERVIEW

The Fire Department Bureau of Fire Prevention consists of two programs that charge fees: Development and Non-Development. The Development program encompasses fire safety plan reviews and inspections for construction projects submitted to the Planning, Building and Code Enforcement Department. Development program activities also include issuance of fire system permits (sprinklers, fixed extinguishing systems, and fire alarm systems). The Non-Development program encompasses fire safety and hazardous materials permits and inspections for all permitted occupancies in the City of San José, and also conducts inspections for Special Event Permits.

Overall, the goal for the Fire Department Fee Program is to achieve 100% cost recovery for those costs that are recoverable. There are, however, some categories that have costs that are not recoverable, such as, but not limited to, inspections of City-owned facilities and public schools, pre-meetings and plan reviews for some special events, and coordination with Fire emergency responders on multiple housing issues. Excluding fines, which are not included in the cost recovery calculation, the overall cost recovery rate for the Fire Department 2019-2020 fee program is 86.8% down from the 2018-2019 Adopted Fee cost recovery rate of 95.4%.

Development Fee Program

Assuming steady activity levels, the 2019-2020 base revenue level for the Fire Department Development Fee Program is estimated at \$8.1 million, however the base cost totaled \$8.8

million. In addition, recommended additions to the Development Fee Program are included in the 2019-2020 Proposed Operating Budget primarily to improve program performance totaling \$1.4 million. These actions include ongoing additions of a Division Manager, a Senior Engineer, 0.10 of an Analyst, and the realignment of administrative staff to other programs, as well as costs to upgrade outdated hardware and windows operating system licenses. Also included are one-time resources to continue temporary staffing supporting the success of the Integrated Permitting System implementation, a limit-dated Associate Engineer to address off hours inspections, workspace improvements, and vehicle additions. A rate increase of 4% (estimated to generate \$310,000) and use of the Fire Development Fee Reserve in the amount of \$1.8 million (including base costs of \$700,000 and proposed costs of \$1.1 million) are recommended to bring the fee program to cost recovery in 2019-2020, leaving the reserve with a level of \$5.4 million to start 2019-2020.

In December 2016, City Council accepted the *City of San José Development Services Cost Recovery Analysis, Process Improvements, Calculation of Unearned Revenues, and Refund Processing Report* and staff executed a phased implementation of the fee model in 2017-2018 and 2018-2019 as directed by City Council. The program has yet to implement the fully burdened hourly rate in effort to use excess Reserves. In 2019-2020, fee increases of approximately 4% are recommended for the Plan Check hourly fee (from \$230 per hour to \$239 per hour), and the Inspection hourly fee increase (from \$259 per hour to \$269 per hour).

FIRE DEPARTMENT

OVERVIEW

Development Fee Program (Cont'd.)

The last fee increase for the Fire Department Development Fee program was in 2017-2018, and prior to the study, the last increase was in 2010-2011. The proposed adjustments to the Fire Department hourly rates and use of the Reserve will help to close the cost recovery gap and help provide the Fire Development Fee Program with sufficient ongoing resources to support existing service levels. In recent years, the Fire Development Fee Program Reserve has been used to bridge any gaps between projected revenues and costs. The fee increases, combined with continued process improvements, enhanced resources, and the continued implementation of the permitting system in the coming fiscal years will help increase staff efficiency and improve the customer service experience.

Non-Development Fee Program

The Fire Department's Non-Development Fee Program base revenue estimate of \$5.3 million assumes a 1% increase from the 2018-2019 activity levels and are in line with the 2019-2020 base costs of \$5.3 million. Additional resources are recommended in this program in 2019-2020 to improve permitted occupancies re-inspection cycle times performance and the realignment of resources supporting this program. Additional revenue from a proposed 6.5% rate increase is also recommended to partially offset the additional costs bringing the program to 95.4% cost recovery.

SUMMARY AND IMPACT OF PROPOSED FEE REVISIONS

Existing Fees

For the Fire Development Fee Program, fee increases for the Plan Check hourly fee (from \$230 per hour to \$239 per hour), and Inspection hourly fee (from \$259 per hour to \$269 per hour) are recommended.

For the Fire Department Non-Development Fee Program, a 6.5% general rate increase is recommended for permits and inspections.

Deleted Fees

Hazardous Materials Permits - (HMBP) and Inventory Fee and the *Hazardous Materials Permits - Tank Facility Fee* are recommended to be deleted. The City no longer performs the HMBP Inventory, and the underground storage tanks program has made the Tank Facility fee obsolete.

NOTIFICATION

The Proposed Fees and Charges Report was released on May 3, 2019, allowing for a minimum of 10 days for public review. Public input on fee proposals will be heard by the City Council at public hearings held on Tuesday, May 14, 2019, at 1:30 p.m. and Monday, June 10, 2019, at 6:00 p.m. in the Council Chambers.

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

Note: The Fire Development Fee Program Reserve will provide funding of \$1.9 million to bring its fee program cost recovery to 100%.

1. Engineering Installation, Removal, or Alteration Permits

1 Fire Protection Systems - Emergency Responder Radio Coverage (ERRC)	Plan Check: hourly rate (base hours= Refer to Table 4) Inspection: hourly rate (base hours = Refer to Table 5)		No Change					
2 Fire Protection Systems - Firefighter Breathing Air Replenishment	Plan Check: hourly rate (base hours= Refer to Table 4) Inspection: hourly rate (base hours = Refer to Table 5)		No Change					
3 Fire Protection Systems- Clean Agent Fire Suppression System	Plan Check: hourly rate (base hours = 2.0 hours for the first system plus 1.5 hours for each additional system); Inspection: hourly rate (base hours = 4.0 hours for the first system plus 3.0 hours for each additional system).		No Change					
4 Fire Protection Systems- Dedicated Function System	Plan Check: hourly rate (base hours = 2.1 hours); Inspection: hourly rate (base hours = 2.4 hours).		No Change					
5 Fire Protection Systems- Fire Alarm Systems New/Retrofit Note: Previously titled "Fire Protection Systems - Fire Alarm Systems"	Plan Check: hourly rate (base hours = Refer to Table 4) Inspection: hourly rate (base hours = Refer to Table 5)		No Change					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

**1. Engineering Installation,
Removal, or Alteration Permits**

6 Fire Protection Systems- Fire Alarm Systems Tenant Improvement
 Note: Previously titled "Fire Protection Systems - Fire Suppression Detection or Monitoring System"
 Plan Check: hourly rate (base hours = Refer to Table 4)
 Inspection: hourly rate (base hours = Refer to Table 5)
 No Change

7 Fire Protection Systems- Fixed Fire Suppression System
 Note: Previously titled "Fire Protection Systems - Fixed Extinguishing System"
 Plan Check: hourly rate (base hours = Refer to Table 4)
 Inspection: hourly rate (base hours = Refer to Table 5)
 No Change

8 Sprinklers, Standpipes, & Pumps - Fire Pump
 Plan Check: hourly rate (base hours = 2.0 hours for the first pump plus 1.0 hour for each additional pump);
 Inspection: hourly rate (base hours = 4.5 hours for the first pump plus 4.0 hours for each additional pump).
 No Change

9 Sprinklers, Standpipes, & Pumps - Standpipe System
 Plan Check: hourly rate (base hours = 1.25 hours for the first 20 outlets plus 0.28 hour for each additional 10 outlets);
 Inspection: hourly rate (base hours = 3.38 hours for the first 20 outlets plus 1.0 hour for each additional 10 outlets).
 No Change

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

1. Engineering Installation, Removal, or Alteration Permits

10 Sprinklers, Standpipes, & Pumps - Underground Piping System	Plan Check: hourly rate (base hours = 1.5 hours for the first 2 appurtenances plus 0.25 hour for each additional appurtenance); Inspection: hourly rate (base hours = 3 hours for the first 2 appurtenances plus 0.25 hour for each additional appurtenance).		No Change					
11 Sprinklers, Standpipes, & Pumps- Overhead Sprinkler System NFPA 13D	Plan Check: hourly rate (base hours = 1.5 hours); Inspection: hourly rate (base hours = 2.0 hours).		No Change					
12 Sprinklers, Standpipes, & Pumps- Overhead Sprinkler System New/Retrofit Note: Previously titled "Sprinklers, Standpipes, & Pumps - Overhead Sprinkler System"	Plan Check: hourly rate (base hours=2.0 hours for the first 50 heads plus 0.28 hour for each additional 50 heads. Each additional hydraulic calculation is 0.25 hour); Inspection: hourly rate (base hours = 3.0 hours for the first 50 heads plus 1.04 hours for each additional 50 heads).		No Change					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

**1. Engineering Installation,
Removal, or Alteration Permits**

13 Sprinklers, Standpipes, & Pumps- Overhead Sprinkler System Pre-Action System
 Plan Check: hourly rate (base hours = 2.0 hours for the first 50 heads plus 0.28 hour for each additional 50 heads. Each additional hydraulic calculation is 0.25 hour); Inspection: hourly rate (base hours = 4.0 hours for the first 50 heads plus 1.04 hours for each additional 50 heads).
 No Change

14 Sprinklers, Standpipes, & Pumps- Overhead Sprinkler System Tenant Improvement
 Plan Check: hourly rate (base hours = 1.03 hours for the first 25 heads plus 0.28 hour for each additional 50 heads. Each hydraulic calculation is 0.5 hour); Inspection: hourly rate (base hours = 2.37 hours for the first 25 heads plus 0.98 hour for each additional 50 heads).
 No Change

2. HAZMAT Installation, Removal, or Alteration Permits

1 Closure of Facilities Storing/Using/Handling Hazardous Materials-Require Submittal of Closure Plan
 Plan Check: hourly rate (base hours=2 hours); Inspection: hourly rate (base hour=1 hour)
 No Change

2 Hazardous Materials Systems that Require Submittal of Plan
 Plan Check: hourly rate (base hours=2 hours for the first system plus 1 hour for each additional system); Inspection: hourly rate (base hour=1 hour)
 No Change

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

2. HAZMAT Installation, Removal, or Alteration Permits

3 Inert Gas Installation Permit	Plan Check: hourly rate (base hours=1 hour for the first system plus 0.5 hour for each additional system); Inspection: hourly rate (base hour=1 hour)		No Change					
4 Liquefied Petroleum Gases and Associated Piping Systems	Plan Check: hourly rate (base hours=2 hours for the first system plus 1 hour for each additional system); Inspection: hourly rate (base hour=1 hour)		No Change					
5 Ozone-Generating Equipment	Plan Check: hourly rate (base hours=2 hours per equipment or system); Inspection: hourly rate (base hour=1 hour)		No Change					
6 Refrigeration/HVAC Systems Above Exempt Amount in Article 63 of the UFC	Plan Check: hourly rate (base hours=2 hours per equipment or system); Inspection: hourly rate (base hour=1 hour)		No Change					
7 Tanks (Underground and Above Ground)	Plan Check: hourly rate (base hours=2 hours for the first tank plus 1 hour for each additional tank); Inspection: hourly rate (base hour=1 hour)		No Change					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee
FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I								
2. HAZMAT Installation, Removal, or Alteration Permits								
8 Vapor Recovery System	Plan Check: hourly rate (base hours=2 hours per equipment or system); Inspection: hourly rate (base hour=1 hour)		No Change					
3. Hourly Rate								
1 Development Activity (Inspection) Note: For further detail, please refer to Table 5	\$129.50 per half hour or portion thereof		\$134.50 per half hour or portion thereof					
2 Development Activity (Plan Check) Note: For further detail, please refer to Table 4	\$115 per half hour or portion thereof		\$119.50 per half hour or portion thereof					
4. Inspector Activity Fees								
1 After Hours Inspection/Plan Review Development Services	Hourly rate (minimum 3 hours)		No Change					
2 Expedited Inspection	Hourly rate (minimum 3 hours)		No Change					
3 Failure to Cancel Scheduled Inspection Prior to 2:00PM. Two Business Days in Advance of the Scheduled Inspection Date	Hourly rate (minimum 1 hour)		No Change					
4 Failure to Notify for Final Inspection	Hourly rate		No Change					
5 Hydrant Flow Test	Hourly rate (minimum 3 hours)		No Change					
6 Inspections	Hourly rate (minimum 1 hour first visit)		No Change					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

4. Inspector Activity Fees

7	Miscellaneous Plan Reviews	Hourly rate (minimum 1 hour)	No Change					
8	Other Services	Hourly rate	No Change					
9	Preliminary Project Site Review	Hourly rate (minimum 1 hour)	No Change					
10	Services With No Specific Fee	Hourly rate	No Change					
11	Special Plan Review	Hourly rate (minimum 1 hour)	No Change					

5. Late Charges

1	Permit Expiration Fee	10% of unpaid invoice if not paid by due date, additional 10% of outstanding balance if 30 days past due	No Change					
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6. Miscellaneous Fees

1	Audio Cassette Tapes	\$15.00 each	No Change					
2	CD Copies	Document research fee + \$0.50 per disk	No Change					
3	Document Research Service Fee	\$75 per hour (clerical) with minimum of \$37.50; \$116 per hour (Permit Specialist) with minimum of \$58, depending on staff level required	No Change					
4	File Research and Analysis	\$0.19 per page	No Change					
5	Hydrant Processing Fee	Hourly rate (minimum half hour)	No Change					
6	Optical Imaging Reproduction - 8.5" x 11" and 11" x 17"	See Public Records Act Fees	No Change					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery		
					Current Fee	Proposed Fee	Current Fee	Proposed Fee	
FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I									
6. Miscellaneous Fees									
7 Optical Imaging Reproduction - Plans	See Public Records Act Fees		No Change						
8 Photocopies of Records and Documents - 11" x 17"	See Public Records Act Fees		No Change						
9 Photocopies of Records and Documents - 8.5" x 11"	See Public Records Act Fees		No Change						
10 Photocopies of Records and Documents - Microfiche/ Microfilm	See Public Records Act Fees		No Change						
11 Photographs	\$15 plus cost of processing		No Change						
12 Sale of Publications	100% of printing costs		No Change						
13 Temporary Certificate of Occupancy Processing	Hourly rate (minimum 2 hours)		No Change						
14 Variance	Hourly rate (minimum 3 hours)		No Change						
15 Video Cassette	\$20.00 each		No Change						
16 Witness Fees (Set by Another Jurisdiction)	Hourly rate or as allowed by Statute		No Change						
7. Plan Review Fees									
1 Architectural Express Plan Check	1.5 times the Architectural Plan Check Fee (see Table 1)		No Change						
2 Architectural Intermediate Plan Check	1.5 times the Architectural Plan Check Fee (see Table 1)		No Change						

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

7. Plan Review Fees

3 Architectural Plan Reviews and Inspections by Engineering	Plan Check: hourly rate (base hours - see Table 1); Inspection: hourly rate (base hours - see Table 2)		No Change					
4 Architectural Special Tenant Improvements	1.5 times the Architectural Plan Check Fee (see Table 1)		No Change					
5 Custom Single Family Home	Plan Check: hourly rate (base hours - see Table 1); Inspection: hourly rate (base hours - see Table 2)		No Change					
6 Fee for Work Done Without a Permit	An amount equal to the cost of plan check and inspection		No Change					
7 HazMat Special Tenant Improvements	1.5 times the Hazardous Materials New Construction Plan Check Fee (see Table 3)		No Change					
8 Hazardous Materials Express Plan Check	1.5 times the hourly rate (see Table 3)		No Change					
9 Hazardous Materials Intermediate Plan Check	1.5 times the Hazardous Materials New Construction Plan Check Fee (see Table 3)		No Change					
10 Hazardous Materials New Construction Plan Reviews	Plan Check: hourly rate (base hours - see Table 3); Inspection: hourly rate (base hours - see Table 3)		No Change					
11 Single Family Tracts	Plan Check: hourly rate (base hours - see Table 1); Inspection: hourly rate (base hours - see Table 2)		No Change					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

8. Record Retention Fee

1 Record Retention Fee	5% of Engineering and Hazardous Materials Installation, Removal, or Alteration Permits Fee		No Change					
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SUB-TOTAL FIRE PREVENTION DEVELOPMENT PROGRAM FEES-CATEGORY I

92.6%	10,264,884	8,100,000	8,410,021	78.9%	81.9%
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FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY I

1. Miscellaneous Fees

1 Audio Cassette Tapes	\$15.00 each		No Change					
2 CD Copies	Document research fee + \$0.50 per disk		No Change					
3 Document Research Service Fee	\$75 per hour (clerical) with minimum of \$37.50; \$116 per hour (Permit Specialist) with minimum of \$58, depending on staff level required		No Change					
4 File Research and Analysis	\$0.19 per page		No Change					
5 Fire Protection/Notification System Annual Inspection Record Submission Fee	Established by the third-party vendor and payable directly to the vendor		No Change					
6 Optical Imaging Reproduction - 8.5" x 11" or 11" x 17"	See Public Records Act Fees		No Change					
7 Optical Imaging Reproduction - Plans	See Public Records Act Fees		No Change					
8 Photocopies of Records and Documents - 11" x 17"	See Public Records Act Fees		No Change					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY I

1. Miscellaneous Fees

9 Photocopies of Records and Documents - 8.5" x 11"	See Public Records Act Fees		No Change					
10 Photographs	\$15.00 plus cost of processing		No Change					
11 Sale of Publications	100% of printing costs		No Change					
12 San Jose Prepared! Course Fee	\$50		No Change					
13 Video Cassette	\$20.00 each		No Change					
14 Witness Fees (Set by another Jurisdiction)	Hourly rate or as allowed by Statute		No Change					

SUB-TOTAL FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY I

FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II

1. Annual Renewable Operating

Permits

1 Fee for Annual Inspection of Permitted Facilities	Fire Safety Permits - hourly rate for reinspection of uncleared violations; HazMat Permits - hourly rate for inspection and reinspection of uncleared violations		No Change					
2 Fire Safety Permits	Permit fee per site with a range of \$442 to \$1,778 per permit (includes base inspection ranging 2-9 hours) plus hourly rate if initial inspection surpasses base hours; fee covers all required permits per facility		Permit fee per site with a range of \$470 to \$1,893 per permit (includes base inspection ranging 2-9 hours) plus hourly rate if initial inspection surpasses base hours; fee covers all required permits per facility					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II

1. Annual Renewable Operating Permits

3 Fire Safety Permits - Public Schools	Permit and inspection fee waived for public schools		No Change					
4 Hazardous Materials - Public Schools	Permit and inspection fee waived for public schools		No Change					
5 Hazardous Materials Permits	\$179 per quantity range (permit fee includes inspection) plus any applicable Hazardous Materials Business Plan (HMBP) and Inventory Fee and Tank Fee		\$190 per quantity range (permit fee includes inspection) plus any applicable Hazardous Materials Business Plan (HMBP) and Inventory Fee and Tank Fee					
6 Hazardous Materials Permits - (HMBP) and Inventory Fee	\$176, plus \$8 per quantity range over one, per facility filing long form		Delete					
7 Hazardous Materials Permits - Minimum Reportable Threshold Quantity	Facilities with small quantities are exempt from the reporting requirements		No Change					
8 Hazardous Materials Permits - Retail Outlet Facility Fee	Rate for one quantity range per facility plus quantity range fee for regulated materials not covered by retail exemption, plus any applicable HMBP and Inventory, and Tank Fees		No Change					
9 Hazardous Materials Permits - Short Form Facility Fee	Rate for one quantity range per facility		No Change					
10 Hazardous Materials Permits - Tank Facility	\$341 for the first tank and \$161 for each additional tank		Delete					
11 Inert Gas Permit Fee	The rate equal to one quantity range		No Change					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee
FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II								
1. Annual Renewable Operating Permits								
12 One Quantity Range	\$179		\$190					
13 Propane Permit Fee	The rate equal to 2 quantity ranges		No Change					
2. Arson Restitution								
1 Arson Restitution	As established by the Court		No Change					
3. Fire Safety Non-Renewable Permits								
1 Additional Permit Requiring a Plan Review and/or Inspection	\$247 each (in addition to highest permit fee)		\$263 each (in addition to highest permit fee)					
2 Fumigations (Set by another Jurisdiction)	Per State law		No Change					
3 Permits Requiring No Plan Review or Inspection	\$247		\$263					
4 Permits Requiring both a Plan Review and an Inspection	Permit fee of \$624 plus hourly rate if review surpasses 2 hours		Permit fee of \$664 plus hourly rate if review surpasses 2 hours					
5 Permits Requiring either a Plan Review or an Inspection	Permit fee of \$437 plus hourly rate if review surpasses 1 hour		Permit fee of \$465 plus hourly rate if review surpasses 1 hour					
4. Hourly Rate								
1 Non-Development Activity	\$94 per half hour or portion thereof		\$100 per half hour or portion thereof					
5. Inspector Activity Fees								
1 After Hours Inspection/Plan Review for Non-Development Services	Hourly rate (minimum 1 hour)		No Change					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery	
					Current Fee	Proposed Fee	Current Fee	Proposed Fee

FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II

5. Inspector Activity Fees

2 Call Back Inspection/Plan Review	Hourly rate (minimum 3 hours)		No Change					
3 County Occupancy Inspections (Set by another Jurisdiction)	Per Agreement with County		No Change					
4 Day Care Prelicensing Inspection (Set by another Jurisdiction)	Per State law		No Change					
5 Failure to Cancel Scheduled Inspection within 1 Business Day of Scheduled Inspection	Hourly rate (minimum 1 hour)		No Change					
6 Fire Watch Service	Hourly rate (minimum 3 hours)		No Change					
7 Hydrant Flow Test	Hourly rate		No Change					
8 Inspections	Hourly rate (minimum 1 hour first visit)		No Change					
9 Miscellaneous Plan Review	Hourly rate (minimum 1 hour)		No Change					
10 Other Services	Hourly rate		No Change					
11 Outdoor Special Events	\$122 per hour		\$129 per hour					
12 Services with No Specific Fee	Hourly rate		No Change					
13 Special Events Inspections and Plan Reviews	1.5 times Inspector's salary		No Change					
14 Special Plan Review	Hourly rate (minimum 1 hour)		No Change					

DEPARTMENTAL FEES AND CHARGES

FIRE

Service	2018-2019 Adopted Fee	2018-2019 % Cost Recovery	2019-2020 Proposed Fee	2019-2020 Estimated Cost	2019-2020 Estimated Revenue		2019-2020 % Cost Recovery		
					Current Fee	Proposed Fee	Current Fee	Proposed Fee	
FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II									
6. Late Charges									
1 Late Charges	10% of unpaid invoice if not paid by due date, additional 10% of outstanding balance if 30 days past due		No Change						
7. Record Retention Fee									
1 Record Retention Fee	5% of Fire Safety & Hazardous Materials Permit Fees		No Change						
SUB-TOTAL FIRE PREVENTION NON-DEVELOPMENT PROGRAM FEES-CATEGORY II		100.0%		5,864,482	5,250,000	5,592,543	89.5%	95.4%	
TOTAL DEPARTMENT - GENERAL FUND				16,129,366	13,350,000	14,002,564	82.8%	86.8%	
TOTAL DEPARTMENT - Category I				10,264,884	8,100,000	8,410,021	78.9%	81.9%	
TOTAL DEPARTMENT - Category II				5,864,482	5,250,000	5,592,543	89.5%	95.4%	
TOTAL DEPARTMENT				16,129,366	13,350,000	14,002,564	82.8%	86.8%	

TABLE 1 - FIRE DEPARTMENT - DEVELOPMENT SERVICES
Architectural Plan Check Base Fees

R3 Occupancies			
Type	Base Hours	Base Fees	Modifier
Custom Single Family Dwelling	2	\$478.00	
Single Family Tracts	3	\$717.00	

Multi-Family Buildings*			
Area in Sq-Ft	Base Hours	Base Fees	Size Modifier
0-10,000	8	\$1,912.00	
10,001 to 20,000	8	\$1,912.00	plus 0.0006 hour per sq-ft over 10,000
20,001 to 40,000	14	\$3,346.00	plus 0.0005 hour per sq-ft over 20,000
>40,000	24	\$5,736.00	plus 0.0005 hour per sq-ft over 40,000

*High-Rise Building Modifier - 1.1

Commercial, Industrial, and Garage - New Buildings (Shell) and Additions*			
Area in Sq-Ft	Base Hours	Base Fees	Size Modifier
0-10,000	6	\$1,434.00	
10,001 to 20,000	6	\$1,434.00	plus 0.0005 hour per sq-ft over 10,000
20,001 to 40,000	11	\$2,629.00	plus 0.0004 hour per sq-ft over 20,000
>40,000	19	\$4,541.00	plus 0.0004 hour per sq-ft over 40,000

*High-Rise Building Modifier - 1.1

Tenant Improvement, Alteration, and Interior Finish (All Occupancies except R3)			
Area in Sq-Ft	Base Hours	Base Fees	Size Modifier
1 to 10,000	2.5	\$597.50	
10,001 to 20,000	4	\$956.00	plus 0.0003 hour per sq-ft over 10,000
20,001 to 40,000	7	\$1,673.00	plus 0.00025 hour per sq-ft over 20,000
>40,000	12	\$2,868.00	plus 0.00025 hour per sq-ft over 40,000

Use Modifier for Tenant Improvement, Alteration, and Interior Finish			
Agricultural	1.0	Parking Garage (Closed)	1.0
Antenna/Cell Site	1.0	Parking Garage (Open)	1.0
Assembly	1.1	Recreation	1.1
Auditorium	1.2	R & D	1.1
Bank	1.0	Repair Garage	1.1
Bowling Alley	1.1	Restaurant	1.1
Canopy Building	1.0	Retail/Store	1.0
Cafeteria	1.1	School/Daycare	1.1
Church	1.2	Service Station	1.0
Hazardous Use	1.2	Theatre	1.2
Health Club	1.1	Tilt-Up Office	1.0
Industrial	1.1	Tilt-Up Warehouse	1.1
Manufacturing	1.0	Unidentified/Speculative	1.0
Medical/Dental	1.0	Warehouse	1.1
Office	1.0		
Mixed Use - use modifier of occupancy with the largest area			

Complexity Modifier for Tenant Improvement, Alteration, and Interior Finish			
Major Modifications	1.20	Minor Modifications	0.75
Standard Modifications	1.00	Very Simple Modifications	0.50

Other Plan Review Services	Fee
Architectural Express Plan Check	1.5 times the architectural plan check fee
Architectural Intermediate/Coordinated Check	1.5 times the architectural plan check fee
Architectural Special Tenant Improvement	1.5 times the architectural plan check fee

Application of Tables - The tables above are based on the average plan check hours per category and a billable hourly rate of \$239 per hour. The base fees provide an unlimited plan check time for the first review cycle and two additional hours in the second review cycle. Additional fees are only assessed if the review process exceeds two hours in the second review cycle and the total initial hours covered by the base fees are exceeded.

TABLE 2 - FIRE DEPARTMENT - DEVELOPMENT SERVICES
Architectural Inspection Base Fees

R3 Occupancies			
Type	Base Hours	Base Fees	Modifier
Custom Single Family Dwelling	1	\$269.00	
Single Family Tracts	2	\$538.00	plus 0.25 hour per unit over 6

Multi-Family Buildings*			
Area in Sq-Ft	Base Hours	Base Fees	Size Modifier
1 to 10,000	2	\$538.00	
10,001 to 20,000	2	\$538.00	plus 0.0003 hour per sq-ft over 10,000
20,001 to 40,000	5	\$1,345.00	plus 0.0002 hour per sq-ft over 20,000
>40,000	9	\$2,421.00	plus 0.0002 hour per sq-ft over 40,000

*High-Rise Building Modifier - 1.2

Commercial, Industrial, and Garage - New Buildings (Shell) and Additions*			
Area in Sq-Ft	Base Hours	Base Fees	Size Modifier
1 to 10,000	3	\$807.00	
10,001 to 20,000	3	\$807.00	plus 0.0001 hour per sq-ft over 10,000
20,001 to 40,000	4	\$1,076.00	plus 0.000125 hour per sq-ft over 20,000
>40,000	6.5	\$1,748.50	plus 0.000125 hour per sq-ft over 40,000

*High-Rise Building Modifier - 1.2

Tenant Improvement, Alteration, and Interior Finish (All Occupancies except R3)			
Area in Sq-Ft	Base Hours	Base Fees	Size Modifier
1 to 10,000	1	\$269.00	
10,001 to 20,000	2.75	\$739.75	plus 0.0001 hour per sq-ft over 10,000
20,001 to 40,000	4	\$1,076.00	plus 0.000125 hour per sq-ft over 20,000
>40,000	6.5	\$1,748.50	plus 0.000125 hour per sq-ft over 40,000

Application of Tables - The tables above are based on the average inspection hours per category and a billable hourly rate of \$269 per hour. The total hours purchased (fee paid/\$269.00) will limit the available inspection service allowed. All fractions of inspection hours will be rounded up to the next whole hour.

Use Modifier for Tenant Improvement, Alteration, and Interior Finish			
Agricultural	1.0	Parking Garage (Closed)	1.0
Antenna/Cell Site	1.0	Parking Garage (Open)	1.0
Assembly	1.0	Recreation	1.1
Auditorium	1.1	R & D	1.1
Bank	1.0	Repair Garage	1.1
Bowling Alley	1.1	Restaurant	1.1
Canopy Building	1.0	Retail/Store	1.0
Cafeteria	1.1	School/Daycare	1.1
Church	1.1	Service Station	1.0
Hazardous Use	1.1	Theatre	1.1
Health Club	1.0	Tilt-Up Office	1.0
Industrial	1.1	Tilt-Up Warehouse	1.1
Manufacturing	1.0	Unidentified/Speculative	1.0
Medical/Dental	1.0	Warehouse	1.1
Office	1.0		
Mixed Use - use modifier of occupancy with the largest area			

Complexity Modifier for Tenant Improvement, Alteration, and Interior Finish			
Major Modifications	1.10	Minor Modifications	0.75
Standard Modifications	1.00	Very Simple Modifications	0.50

TABLE 3 - FIRE DEPARTMENT - DEVELOPMENT SERVICES

Special Use - Architectural Plan Check and Inspection Base Fees

Special Use	Base Fees	
	Plan Check	Inspection
Antenna	2.00	1.00
ATM	1.00	1.00
Canopy Structure	1.50	1.00
Cooling Tower	1.50	1.00
Damage Repair	1.50	1.00
Demising Walls Only	1.50	1.00
Demo Interior Walls	1.50	1.00
Façade Changes	1.50	1.00
Fences/Gates	1.50	1.00
Fountains	1.50	1.00
HVAC Systems	2.00	1.00
Occupancy Changes	1.50	1.00
Occupancy Load Changes	2.00	1.00
Racks	2.50	1.00
Seismic Upgrades	1.50	1.00
Spray Booth	2.50	1.00
Swimming Pools	2.00	1.00
Tools	2.00	1.00

Hazardous Materials Building Plan Check and Inspection Base Fees

Service	Plan Check		Inspection	
	Base Hours	Base Fees	Base Hours	Base Fees
Hazmat New Construction Plan Check and Inspection	2	\$478.00	1	\$269.00
Hazmat Express Plan Check	1.5 times the hourly rate	\$358.50	1.5 times the hourly rate *	\$403.50
Hazmat Intermediate or Coordinated Plan Check	1.5 times Hazmat New Construction Plan Check Fee	\$717.00	1	\$269.00
Hazmat Special Tenant Improvements	1.5 times Hazmat New Construction Plan Check Fee	\$717.00	1	\$269.00

*Aligns with Expedited Inspection Service on Table 5.

Application of Tables - The tables above are based on the average plan check and inspection hours per category and a billable hourly rate of \$239.00 per hour and \$269.00 per hour, respectively. The total hours purchased (fee paid/\$239.00; fee paid/\$269.00) will limit the available plan check service and/or inspections allowed. All fractions of inspection hours will be rounded up to the next whole hour.

TABLE 4 - FIRE DEPARTMENT - DEVELOPMENT SERVICES
Engineering and Hazmat Systems Installation, Removal, or Alteration Permits
Base Plan Check Fees

System	Base Hours	Base Fees
Fire Protection Systems		
Sprinkler - Tenant Improvement (hydraulic calculations not included)		
Base fee @ 25 heads	1.03	\$246.17
Each Additional (1-50) Heads	0.28	\$66.92
Each hydraulic calculation	0.50	\$119.50
Sprinkler - New/Retrofit (one hydraulic calculation included)		
Base fee @ 50 heads	2.00	\$478.00
Each Additional (1-50) Heads	0.28	\$66.92
Each additional hydraulic calculation	0.25	\$59.75
Sprinkler - NFPA 13D System - each unit	1.50	\$358.50
Fire Pump Installation		
First Pump	2.00	\$478.00
Each Additional Pump	1.00	\$239.00
Pre-Action Fire Suppression System (one hydraulic calculation included, Fire Alarm review not included)		
Base fee @ 50 heads	2.00	\$478.00
Each Additional (1-50) Heads	0.28	\$66.92
Each hydraulic calculation	0.25	\$59.75
Fixed Fire Suppression System (Wet/dry chem, water mist, etc)		
First System	1.04	\$248.56
Each Additional System	1.00	\$239.00
Standpipe System		
Base fee @ 20 Outlets	1.25	\$298.75
Each Additional (1-10) Outlets	0.28	\$66.92

System	Base Hours	Base Fees
Fire Protection Systems		
Underground Piping System		
First 2 Appurtenances	1.50	\$358.50
Each Additional Appurtenance	0.25	\$59.75
Clean Agent Fire Suppression System (Wet/dry chem, water mist, etc.)		
First System	2.00	\$478.00
Each Additional System	1.50	\$358.50
Fire Alarm - Tenant Improvement		
Base fee @ 10 Devices and/or Appliances	1.00	\$239.00
Each Additional (1-10) Devices	0.10	\$23.90
Each Additional (1-10) Appliances	0.10	\$23.90
Each Panel	0.50	\$119.50
Fire Alarm - New/Retrofit		
Base fee @ 10 Devices and/or Appliances and 1Panel/Communicator	3.38	\$807.82
Each Additional (1-10) Devices	0.10	\$23.90
Each Additional (1-10) Appliances	0.10	\$23.90
Each Additional Panel	0.50	\$119.50
Fire Alarm - Dedicated Function System		
	2.10	\$501.90
Emergency Responder Radio Coverage (ERRC)		
Buildings up to and including 4 stories (including and below grade levels)	2.00	\$478.00
Buildings containing (5-7) stories	3.00	\$717.00
High-rise buildings	4.00	\$956.00
Firefighter Breathing Air Replenishment System		
	2.00	\$478.00

Application of Table - The table above is based on the average plan check hours per category and a billable hourly rate of \$239.00 per hour. The total hours purchased (fee paid/\$239.00) will limit the available plan check service allowed.

**TABLE 4 - FIRE DEPARTMENT - DEVELOPMENT SERVICES
Engineering and Hazmat Systems Installation, Removal, or Alteration Permits
Base Plan Check Fees**

System	Base Hours	Base Fees
HAZMAT SYSTEMS		
Closure of Facilities Storing, Using, or Handling Hazardous Materials that Require Submittal of a Closure Plan		
Base Hours	2.00	\$478.00
Each Additional Hour	1.00	\$239.00
Hazardous Materials Systems that Require Submittal of a Plan		
Plan Check		
First System	2.00	\$478.00
Each Additional System	1.00	\$239.00
Inert Gas Installation Permit		
Plan Check		
First System	1.00	\$239.00
Each Additional System	0.50	\$119.50
Liquefied Petroleum Gases and Associated Piping Systems		
Plan Check		
First System	2.00	\$478.00
Each Additional System	1.00	\$239.00
Ozone Generating Equipment		
Plan Check		
First System / Equipment	2.00	\$478.00
Each Additional System / Equipment	2.00	\$478.00
Refrigeration/HVAC Systems Above Exempt Amount in Article 63 of UFC		
Plan Check		
First System / Equipment	2.00	\$478.00
Each Additional System / Equipment	2.00	\$478.00
Tanks (Underground and Aboveground)		
Plan Check		
First System	2.00	\$478.00
Each Additional System	1.00	\$239.00

Application of Table - The table above is based on the average plan check hours per category and a billable hourly rate of \$239.00 per hour. The total hours purchased (fee paid/\$239.00) will limit the available plan check service allowed.

System	Base Hours	Base Fees
HAZMAT SYSTEMS		
Vapor Recovery System		
Plan Check		
First System	2.00	\$478.00
Each Additional System	2.00	\$478.00
OTHER MISCELLANEOUS FEES		
Additional Plan Review		
Plan Check - Per 1/2	0.50	\$119.50
Special Plan Check		
Express Plan Check - 1.5 x PC		
Intermediate/Coordinated Plan Check - 1.5 x PC		
Special Tenant Improvement Plan Check - 1.5 x PC		
Variance & Alternate Materials/Methods		
First 3 hours (minimum) - per project	3.00	\$717.00
Each Additional Hour - per hour	1.00	\$239.00
Temporary Certificate of Occupancy Processing		
First 2 hours (minimum)	2.00	\$478.00
Each Additional Hour	1.00	\$239.00
Buildings, Structures and Fire Systems Installed without Permits - - 2 x fee		
	n/a	
Preliminary Project Site Review		
First 1 hour (minimum) -per project	1.00	\$239.00
Each Additional Hour - per hour	1.00	\$239.00
Services with No Specific Fee		
First 1 hour (minimum) - per project	1.00	\$239.00
Each Additional Hour - per hour	1.00	\$239.00
Record Retention Fee - 5%		
	n/a	
Permit Expiration Fee - 50% of new permit		
	n/a	
Expedited/ After Hours Plan Review Fee		
	3.00	\$717.00

TABLE 5 - FIRE DEPARTMENT - DEVELOPMENT SERVICES
Engineering and Hazmat Systems Installation, Removal, or Alteration Permits
Base Inspection Fees

System	Base Hours	Base Fees
FIRE PROTECTION SYSTEMS		
Sprinkler - Tenant Improvement (hydraulic calculations not included)		
Base fee @ 25 heads	2.37	\$638.00
Each Additional (1-50) Heads	0.98	\$264.00
Sprinkler - New/Retrofit (one hydraulic calculation included)		
Base fee @ 50 heads	3.00	\$807.00
Each Additional (1-50) Heads	1.04	\$280.00
Sprinkler - NFPA 13D System		
	2.00	\$538.00
Fire Pump Installation		
First Pump	4.50	\$1,211.00
Each Additional Pump	4.00	\$1,076.00
Pre-Action Fire Suppression System (one hydraulic calculation included, Fire Alarm review not included)		
Base fee @ 50 heads	4.00	\$1,076.00
Each Additional (1-50) Heads	1.04	\$280.00
Fixed Fire Suppression System (Wet/dry chem, water mist, etc.)		
First System	2.33	\$627.00
Each Additional System	2.00	\$538.00
Standpipe System		
Base fee @ 20 Outlets	3.38	\$909.00
Each Additional (1-10) Outlets	1.00	\$269.00
Underground Piping System		
First 2 Appurtenances	3.00	\$807.00
Each Additional Appurtenance	0.25	\$67.00
Clean Agent Fire Suppression System (Wet/dry chem, water mist, etc.)		
First System	4.00	\$1,076.00
Each Additional System	3.00	\$807.00

System	Base Hours	Base Fees
FIRE PROTECTION SYSTEMS		
Fire Alarm - Tenant Improvement		
Base fee @ 10 Devices and/or Appliances	1.50	\$404.00
Each Additional (1-10) Devices	0.85	\$229.00
Each Additional (1-10) Appliances	0.10	\$27.00
Each Panel	1.00	\$269.00
Fire Alarm - New/Retrofit		
Base fee @ 10 Devices and/or Appliances and 1 Panel/Communicator	3.31	\$890.00
Each Additional (1-10) Devices	0.85	\$229.00
Each Additional (1-10) Appliances	0.10	\$27.00
Each Additional Panel	1.00	\$269.00
Fire Alarm - Dedicated Function System		
	2.40	\$646.00
Emergency Responder Radio Coverage (ERRC)		
Buildings up to and including 4 stories (including and below grade levels)	2.00	\$538.00
Buildings containing (5-7) stories	3.00	\$807.00
High-rise buildings	8.00	\$2,152.00
Firefighter Breathing Air Replenishment System		
	4.00	\$1,076.00
HAZMAT SYSTEMS		
Closure of Facilities Storing, Using, or Handling Hazardous Materials that Require Submittal of a Closure Plan		
Base Hours	1.00	\$269.00
Each Additional Hour	1.00	\$269.00
Hazardous Materials Systems that Require Submittal of a Plan □		
Inspection		
Base Hours	1.00	\$269.00
Each Additional Hour	1.00	\$269.00

Application of Table - The table above is based on the average plan check hours per category and a billable hourly rate of \$269.00 per hour. The total hours purchased (fee paid/\$269.00) will limit the available plan check service allowed.

TABLE 5 - FIRE DEPARTMENT - DEVELOPMENT SERVICES
Engineering and Hazmat Systems Installation, Removal, or Alteration Permits
Base Inspection Fees

System	Base Hours	Base Fees
HAZMAT SYSTEMS		
Inert Gas Installation Permit		
Inspection		
Base Hours	1.00	\$269.00
Each Additional Hour	1.00	\$269.00
Liquefied Petroleum Gases and Associated Piping Systems □		
Inspection		
Base Hours	1.00	\$269.00
Each Additional Hour	1.00	\$269.00
Ozone Generating Equipment		
Inspection		
Base Hours	1.00	\$269.00
Each Additional Hour	1.00	\$269.00
Refrigeration/HVAC Systems Above Exempt Amount in Article 63 of UFC		
Inspection		
Base Hours	1.00	\$269.00
Each Additional Hour	1.00	\$269.00
Tanks (Underground and Aboveground)		
Inspection		
Base Hours	1.00	\$269.00
Each Additional Hour	1.00	\$269.00

System	Base Hours	Base Fees
Vapor Recovery System		
Inspection		
Base Hours	1.00	\$269.00
Each Additional Hour	1.00	\$269.00
OTHER MISCELLANEOUS FEES		
Additional Inspection Services		
Inspection - per hour	1.00	\$269.00
Expedited/ After hours Inspection Fee Services Fee		
	3.00	\$807.00
Buildings, Structures and Fire Systems Installed without Permits -- 2 x fee		
	n/a	
Hydrant Flow Test		
First 3 hours (minimum)	3.00	\$807.00
Each Additional Hour	1.00	\$269.00
Services with No Specific Fee		
First 1 hour (minimum)- per project	1.00	\$269.00
Each Additional Hour - per hour	1.00	\$269.00
Record Retention Fee - 5%		
	n/a	
Permit Expiration Fee - 50% of new permit		
	n/a	

Application of Table - The table above is based on the average plan check hours per category and a billable hourly rate of \$269.00 per hour. The total hours purchased (fee paid/\$269.00) will limit the available plan check service allowed.

**TABLE 6 - FIRE DEPARTMENT - NON-DEVELOPMENT SERVICES
Minimum Reportable Threshold Quantity (MRTQ)**

Unless otherwise required by the Fire Marshal, facilities storing only one of the following are exempt from the Hazardous Materials Registration Form reporting requirements and permit fees.	
a.	five gallons or less of Class I flammable liquids
b.	ten gallons or less of Class II or III-A combustible liquids
c.	ten gallon or less of waste oil
d.	solvents parts washer, with a capacity not to exceed thirty gallons of combustible liquids
e.	five gallons or less of corrosive liquids
f.	ten pounds or less of corrosive solids
g.	one oxyacetylene torch with no spare acetylene cylinders, which must be number four or smaller (no more than 150 cubic feet).

**TABLE 7 - FIRE DEPARTMENT - NON-DEVELOPMENT SERVICES
Hazardous Materials Quantity Ranges**

<u>Range Numbers</u>	<u>Range Amounts</u>		
	<u>Gases (cubic feet)</u>	<u>Liquids (gallons)</u>	<u>Solids (pounds)</u>
	1	less than 200	less than 55
2	200 to 1,999	55 to 549	500 to 4,999
3	2,000 to 9,999	550 to 2,749	5,000 to 24,999
4	10,000 to 19,999	2,750 to 5,499	25,000 to 49,999
5	20,000 to 39,999	5,500 to 9,999	50,000 to 99,999
6	40,000 to 99,999	10,000 to 99,999	100,000 or more
7	100,000 or more	100,000 or more	